

## **KEY TO SYMBOLS**



**Double Insulation** 



Variable Speed



Brake



Reversing



Mechanical 2-Speed



Mechanical 3-Speed



Electronic 2-Speed



Electronic 3-Speed



Electronic 4-Speed





Keyless Chuck



Torque Setting 6



Torque Setting 9



Torque Setting 16



Torque Setting 18



Torque Setting 20



Torque Setting 21



Clutch-equipped



**Torque Limiter** 



Constant Speed



Soft Start



Built-in Job Light



SDS-PLUS



SDS-MAX



17mm Hex



19mm Hex



21mm Hex



28.6mm Hex



30mm Hex



Spline Shank



**Dust Collection** 



Hook & Loop



Revolving Hose



Bevel Cutting 45 left



Bevel Cutting 45 LR



Bevel Cutting L45 R5



Orbital Cutting



Makita Shank Jig Saw Blade



Bayonet Shank Jig Saw Blade



Laser Marker



Brake



Depth Adjustment



Sequential and Bump-fire



Wire Collated Nail



**Sheet Collated Nail** 



Inlet Filter



**Auto Firing Stop** 



Stainless Tank



Static Free Hose



Anti Vibration



**Automatic Oiling** 



Chain Brake



Primer Pump



Capacitor Discharge Ignition



**Auto Decompression** 



Rapid Start



Carrying Case







# UP 50% LONGER MOTOR LIFE

Makita-built Brushless Motor eliminates carbon brushes, enabling the motor to run cooler and more efficiently for longer life.

(Compared to Cordless Motors with Brushes)

## **VARIOUS TYPES OF BRUSHLESS MOTORS**











#### **OUTER ROTOR - 108mm**

A direct-drive system that delivers the highest operating efficiency for more power, more speed and longer run time. The outer rotor brushless motor is inside select chain saws and string trimmers.

122mm, 80mm, 68mm, 52mm, 44mm, 38mm

Built for higher power and efficiency in a compact size with all-metal gear construction for extended durability



# Dust extractor starts automatically when the tool starts. Also dust extractor stops on its own when the tool is in rest

### Auto-start wireless system

The AWS dust extractor runs only while the AWS power tool is in use which benefits:-

i) Extends battery run time of the dust extractor increasing productivity on a single charge.

ii) Reducing continuous noise at the work site due to dust extractor will switch off automatically if the tool is not in use.

iii) Reduced time wasted on manually powering the dust extractor



Using our cordless dust extractor with a cordless Li-ion tool means freedom of movement, reduced safety hazards and no plug-in or power issue

WATCH VIDEO



### **HOW IT WORKS**



Set the stand-by switch of the dust extractor to "AUTO" (FOR VC004GL, DVC154L) / "Slide On" (FOR VC009G, DVC265/DVC665)



Press the wireless activation button on the dust extractor for 3 seconds until the wireless activation lamp blinks in GREEN



Then press the wireless activation button on the tool until the wireless activation lamp blinks in GREEN

Also you can disengage the paired dust extractor and tools by pressing the wireless activation button on the dust extractor for 6 seconds which turns wireless activation lamp to blinks in green and then become in red. After that, press the wireless activation button on the tool in the same way

Also note that the paired wireless unit can be used with any AWS equipped machines and need not to pair again until if it is disengaged.

## **Multiple Connections**

Can connect upto 10 AWS tools at a time with single dust extractor, just reconnect the dust hose when switching between power tools, this will reduce time wasted on manually powering multiple tools on and off

#### Wireless unit (Bluetooth chip) Part#: 198900-7



Wireless unit (bluetooth chip) utilizes Bluetooth technology for wireless power-on/off communication. Please make sure the wireless unit (bluetooth chip) is inserted in the wireless unit slot on the Tool/Dust extractor before pairing.

#### AWS-Start Wireless Adapter - WUT02 Part #: 199838-9

WUT02 adapts to AC Dust Extractors VC3210LX1 / VC3211HX1 and enables wireless On/Off communication with Makita AWS tools (BLUET00TH CHIP SOLD SEPARATELY)

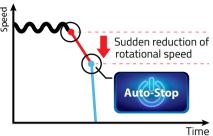






#### **Active Feedback Sensing Technology (AFT)**

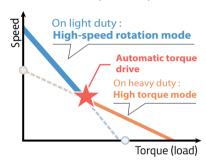
- Smart function to minimize the danger of kick-back
- Shuts down the tool if the rotation speed suddenly slows down Note: The function of AFT is not to prevent the occurrence of kickback



# **ADT**

## **Automatic Torque Drive Technology (ADT)**

Automatically changes the speed according to load conditions for an optimum operations:



# **DXT**Deep and Exact Cutting Technology (DXT)



Deep and Exact Cutting Technology (DXT) is a series of features that give Makita miter saws more cutting capacity and out-of-the-box accuracy for superior cutting performance.



### **SUPER JOINT SYSTEM (SJS II)**

SJS II provides a leaf spring and cam gear drive mechanism that is engineered to reduce vibration for increased operator comfort during extended use

With the rotation of armature shaft, Coil-Spring is

armature shaft is fixed firmly and transmitted to

extended and its tightening force increases so that





## **Anti Vibration Technology (AVT)**

The benchmark in vibration reduction Makita demolition tools are among the best in the world. Working with the users to solve the problem of vibration Makita's AVT products have been designed in close relation to users needs at site level.





## **Extreme Protection Technology (XPT)**

For use in outdoor applications or harsh environments, protection from dust and dripping water





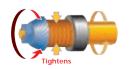


#### **Wet Guard**

High water-resistance allows to operate the machine even if it is wet with water.

Has the same dustproof structure as XPT.





spiral bevel gear.



**SUPER JOINT SYSTEM** 





If the grinding wheel catches or binds, the coil spring relaxes and disengages the gears from the motor. As the grinding wheel stops, the gears and motor are protected.

#### **IMPACT BLACK ACCESSORIES**

Impact Black is the High Durability accessories range (Screwbits / Impact Sockets) for professional use

- Anti-rust treatment on the bit surface with high-class matte black appearance
- Makita logo on the accessories makes it easy to distinguish







- - Perfect for use in the hardest of natural stone.

**DRILLING INTO REINFORCED CONCRETE IS NO LONGER** 

- Perfect for critical anchor fixings and where spot drilling is required.

- Its unique symmetrical head geometry ensures precision drill holes.

- The Nemesis will drill up to 50% more holes than normal rotary hammer drill bits





## PREMIUM RANGE DIAMOND WHEELS - COSMOS



Our premium diamond wheels "The Cosmos System" (Nebula and Comet) brings a universal' approach to blade selection. Advanced segment bonds allow for premium performance across a wider range of materials. The Cosmos premium range of diamond wheels have been carefully crafted to best meet the demanding needs of professional users. Cosmos system feature our unique diamond wheel technology, which helps to provide outstanding cutting performance. As such, the wheels are able to cut faster and last longer than traditional ones.

#### LASER WELDED

Improve productivity and speed of cut



#### V-SHAPED SEGMENTS

Reduce friction and improve cooling.



#### **FIXED METAL BOSS**

For quiet operation



#### **3DDG TECHNOLOGY**

For faster cutting and longer tool life



#### **COOLING HOLES**

Prevent expansion of the wheel and ensure a smooth cutting



#### PREMIUM TCT SAW BLADES "EFFICUT"



Efficut Saw blades are ultra-thin, perfectly tensioned steel plates for true run. The high-grade carbide tip of the saw blades are designed to provide higher efficiency, durability and longer life. These blades provide higher performance than the standard blades. The cutting efficiency and the amount of cutting per charge are increased when used with cordless machines.

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MLS100N MLT100N MP001G MP100D MR001G MR006G MR0052 MW001G N N1900BK N1923BK N5900B N9500N NHP1320S P PB002G PC5000C PC5011C PC5010C PJ7000 PLM4120N PLM4620N2 PLM4621N2 PLM5113N2 PM001G	Miter Saw Table Saw (DC) Inflator (DC) Inflator (AC + DC) Radio (AC + DC) Radio (DC) Radio (DC) Microwave  Power Planer Power Planer Circular Saw Angle Grinder Impact Drill  (DC) Band saw Concrete Planer Concrete Planer Plate Joiner Petrol Lawn Mower (DC) Backpack Mist Blower	246 434 435 444 444 445 430  292 293 251 176 044  148 191 191 294 397 397 397 405
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MLS100N MLT100N MP001G MP100D MR001G MP100D MR006G MR0052 MW001G N N1900BK N1923BK N5900B N9500N NHP1320S P PB002G PC5000C PC5011C PC5010C PJ7000 PLM4120N PLM4620N2 PLM4621N2 PLM5113N2 PM001G PM7650H P06000C	Miter Saw Table Saw (DC) Inflator (DC) Inflator (AC + DC) Radio (AC + DC) Radio (DC) Radio (DC) Microwave  Power Planer Power Planer Circular Saw Angle Grinder Impact Drill  (DC) Band saw Concrete Planer Concrete Planer Plate Joiner Petrol Lawn Mower Petrol Lawn Mower Petrol Lawn Mower (DC) Backpack Mist Blower Random Orbit Polisher	246 434 435 444 444 445 430  292 293 251 176 044  148 191 191 294 397 397 397 405 405 219
MLS100N MLT100N MP001G MP100D MR001G MP100D MR006G MR052 MW001G N N1900BK N1923BK N5900B N9500N NHP1320S P PB002G PC5000C PC5010C PJ7000 PLM4120N PLM4620N2 PLM4621N2 PLM5113N2 PM001G PM7650H PO6000C PT001G	Miter Saw Table Saw (DC) Inflator (DC) Inflator (AC + DC) Radio (AC + DC) Radio (DC) Radio (DC) Microwave  Power Planer Power Planer Circular Saw Angle Grinder Impact Drill  (DC) Band saw Concrete Planer Concrete Planer Plate Joiner Petrol Lawn Mower Random Orbit Polisher (DC) Pin Nailer	246 434 435 444 444 445 430  292 293 251 176 044  148 191 191 294 397 397 397 405 405 219 324
MLS100N MLT100N MP001G MP100D MR001G MP100D MR001G MR006G MR052 MW001G N N1900BK N1923BK N5900B N9500N NHP1320S P PB002G PC5000C PC5011C PC5010C PJ7000 PLM4120N PLM4620N2 PLM4621N2 PLM5113N2 PM001G PM7650H PO6000C PT001G PT354D	Miter Saw Table Saw (DC) Inflator (DC) Inflator (AC + DC) Radio (AC + DC) Radio (DC) Radio (DC) Microwave  Power Planer Power Planer Circular Saw Angle Grinder Impact Drill  (DC) Band saw Concrete Planer Concrete Planer Plate Joiner Petrol Lawn Mower (DC) Backpack Mist Blower Random Orbit Polisher (DC) Pin Nailer (DC) Pin Nailer	246 434 435 444 444 445 430  292 293 251 176 044  148 191 191 191 294 397 397 397 405 405 219 324 324
MLS100N MLT100N MP001G MP100D MR001G MP100D MR001G MR006G MR052 MW001G N N1900BK N1923BK N5900B N9500N NHP1320S P PB002G PC5000C PC5010C PJ7000 PLM4120N PLM4620N2 PLM4621N2 PLM5113N2 PM001G PM7650H PO6000C PT001G PT354D PV001G	Miter Saw Table Saw (DC) Inflator (DC) Inflator (AC + DC) Radio (AC + DC) Radio (DC) Radio (DC) Microwave  Power Planer Power Planer Circular Saw Angle Grinder Impact Drill  (DC) Band saw Concrete Planer Concrete Planer Plate Joiner Petrol Lawn Mower Random Orbit Polisher (DC) Pin Nailer	246 434 435 444 444 445 430  292 293 251 176 044  148 191 191 191 294 397 397 405 405 219 324 324 218
MLS100N MLT100N MP001G MP100D MR001G MP100D MR001G MR006G MR052 MW001G N N1900BK N1923BK N5900B N9500N NHP1320S P PB002G PC5000C PC5011C PC5010C PJ7000 PLM4120N PLM4620N2 PLM4621N2 PLM5113N2 PM001G PM7650H PO6000C PT001G PT354D	Miter Saw Table Saw (DC) Inflator (DC) Inflator (AC + DC) Radio (AC + DC) Radio (DC) Radio (DC) Microwave  Power Planer Power Planer Circular Saw Angle Grinder Impact Drill  (DC) Band saw Concrete Planer Concrete Planer Plate Joiner Petrol Lawn Mower (DC) Backpack Mist Blower Backpack Petrol Mist Blower Random Orbit Polisher (DC) Pin Nailer (DC) Polisher	246 434 435 444 444 445 430  292 293 251 176 044  148 191 191 191 294 397 397 397 405 405 219 324 324

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TD002G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench	048 048 050 051 050 050 050 058
TD002G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool	048 048 050 051 050 050 050 058 283
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TD002G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Multi Tool (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench	048 048 050 051 050 050 050 058 283 283 056
TD002G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G TW008G	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Multi Tool (DC) Impact Wrench	048 048 050 051 050 050 050 058 283 283 056 056
TD002G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G TW008G TW0350	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Multi Tool (DC) Impact Wrench Impact Wrench	048 048 050 051 050 050 050 058 283 283 056 056 059
TD002G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G TW008G TW0350 TW1000	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Multi Tool (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench Impact Wrench Impact Wrench	048 048 050 051 050 050 050 058 283 283 056 056 056 059
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TD002G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G TW008G TW0350 TW1000	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Multi Tool (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench	048 048 050 051 050 050 050 058 283 283 056 056 056 059
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TD002G TD003G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G TW008G TW0350 TW1000 TW161D U UA004G UB001C UB001G UB002C UB100D UB1102	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Multi Tool (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench Impact Wrench Impact Wrench (DC) Blower (DC) Blower (DC) Blower Blower	048 048 050 050 050 050 050 050 058 283 283 056 056 059 059 058 376 399 399 401
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TD002G TD003G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G TW008G TW008G TW1000 TW161D U UA004G UB001C UB001G UB002C UB100D UB1102 UB1103 UC002G UC012G	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench Impact Wrench Impact Wrench (DC) Impact Wrench (DC) Impact Wrench (DC) Blower (DC) Blower (DC) Blower (DC) Blower Blower Blower (DC) Chain Saw (DC) Chain Saw (DC) Pruning Saw Chain Saw	048 048 050 050 050 050 050 050 050 056 056 056
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TD002G TD003G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW008G TW008G TW008G TW000 TW161D U UA004G UB001C UB001C UB001C UB100D UB1102 UB1103 UC002G UC12G UC100D UC4041A UC4551A UH005G	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench Impact Wrench Impact Wrench Impact Wrench (DC) Impact Wrench (DC) Blower (DC) Hedge Trimmer	048 048 050 050 050 050 050 050 050 056 056 056
TD002G TD003G TD003G TD0101 TD022DSJ TD111D TD112D TL064D TL065D TM3010CK TM30D TW001G TW005G TW008G TW008G TW000 TW161D U UA004G UB001C UB001G UB001C UB100D UB1102 UB1103 UC002G UC12G UC100D UC4041A UC4551A	(DC) Impact Driver (DC) Impact Driver Impact Driver (DC) Angle Impact Driver (DC) Angle Impact Wrench Multi Tool (DC) Impact Wrench (DC) Impact Wrench (DC) Impact Wrench Impact Wrench Impact Wrench Impact Wrench (DC) Impact Wrench (DC) Impact Wrench Impact Wrench Impact Wrench (DC) Blower Blower Blower (DC) Chain Saw (DC) Chain Saw (DC) Pruning Saw Chain Saw	048 048 050 050 050 050 050 050 050 05

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## **NEW TOOLS**





CORDLESS DRIVER **DRILL DDF489** (13mm) 18V | **LXT** 

Pg. 032



CORDLESS PERCUSSION DRIVER DRILL **DHP489** (13mm) 18V | **LXT** 

Pg. 036



40V MAX | **₹**₹\$

Pg. 048

80V XGT

#### **CONCRETE DRILLING DEMOLITION**



CORDLESS COMBI HAMMER HR010G (20mm) 40V MAX | **₹**₹

Pg. 104



**CORDLESS COMBI HAMMER DHR183** (18mm) 18V | **ZXT** 

Pg. 107

#### MIXING / STIRRING



Pg. 139

CORDLESS CONCRETE VIBRATOR VR002C (43 mm) VR004C (52 mm)

Pg. 140

#### **CUTTING CONCRETE / METAL**



CORDLESS POWER CUTTER CE002G (355 mm)

Pg. 143



CORDLESS COMPACT CUTTER **DMC300** (76 mm) 18V | **LXT** 

Pg. 147

#### GRINDING



**CORDLESS GRINDER** GA049G (115mm) GA050G (125mm) 40V MAX | **₹** 

Pg. 170



AC GRINDER GA4591 (115mm) GA5091 (125mm)

**4** 

AC GRINDER GA4592 (115mm) GA5092 (125mm) 

Pg. 182



AC GRINDER GA4594 (115mm) GA5094 (125mm)

4

Pg. 182



AC GRINDER GA4595 (115mm) GA5095 (125mm) **4** 

Pg. 183



AC GRINDER **GA7080** (180mm) GA9080 (230mm) **4** 

Pg. 186



AC GRINDER GA7070 (180mm) GA9070 (230mm) **4** 

Pg. 186

#### **SAWING**



Pg. 182

CORDLESS CIRCULAR SAW (165mm) HS012G 40V MAX | **₹**₹

Pg. 248



CORDLESS JIG SAW IV001G 40V MAX | **€**∑**€** 

Pg. 254



**CORDLESS RECIPRO** SAW **DJR189** 18V | **LXT** 

Pg. 259

#### **HEAT GUN**



Pg. 330

#### **CLEANING**



CORDLESS VACUUM CLEANER (40L) VC007GL 800 XGT

Pg. 342



CORDLESS ROBOTIC CLEANER DRC300 18V | **LXT** 

Pg. 348



**CORDLESS STICK** CLEANER DCL286F 18V | /LXT

Pg. 351



CLEANER DCL280F 18V | /LXT

Pg. 351



Pg. 351

#### OPE



**CORDLESS CHAIN SAW DUC307** (300 mm) 18V | **ZXT** 

Pg. 374



CORDLESS PRUNING SAW **DUC101** (100 mm) 18V | **ZXT** 

Pg. 374



CORDLESS PRUNING SAW UC100D (100 mm) 12V MAX | CXT

Pg. 374



**UP100D** (25 mm) 12V MAX | CXT

CORDLESS PRUNER



CORDLESS HEDGE TRIMMER **DUH507** (500 mm) **DUH607** (600 mm)

18V | **LXT** Pg. 376 Pg. 379



CORDLESS HEDGE TRIMMER **DUH606** (600 mm) 18V | /LXT

Pg. 380



**CORDLESS BRUSH CUTTER** UR013G (450 mm) 40V MAX | **₹**₹

Pg. 385



CORDLESS LAWN **MOWER** LM004J (534 mm) 64V MAX

Pg. 391



CORDLESS LAWN **MOWER** LM002G (534 mm) 40V MAX | **₹** 

Pg. 393



CORDLESS BACKPACK **BLOWER UB002C** 36V | 😎

Pg. 399



CORDLESS BLOWER + VACUUM **DUB187** 18V | **LXT** 

Pg. 400



**CORDLESS DUST** BLOWER + INFLATOR **DAS180** 18V | **ZXT** 

Pg. 403



**CORDLESS MIST BLOWER** PM001G (15 L) 40V MAX | €₹€₽

Pg. 405



CORDLESS SPRAYER **DUS108** (10 L) **DUS158** (15 L) 18V | **ZXT** 

Pg. 405



**CORDLESS EARTH AUGER DG002G** (200 mm) 40V MAX | €₹€

Pg. 407



CORDLESS EARTH AUGER

DDG461 (200 mm)

18Vx2 / XT

Pg. 408



**CORDLESS WHEEL** BARROW DCU602 (BUCKET TRAY)

18Vx2

Pg. 409



CORDLESS WHEEL BARROW DCU601 (FLAT TRAY)

18Vx2 /LXT Pg. 409

#### **JOBSITE TOOLS**







CORDLESS COOLER / WARMER BOX

CW002G (50 L) CW004G (29 L) CW003G (7 L)

40V MAX | **AXX** 18V | **AXX** Pg. 429 - 430







CORDLESS MICROWAVE OVEN MW001G (8L) 40V MAX | **₹**₹

Pg. 430



CORDLESS WORKLIGHT ML010G (5,500 lm)

40V MAX | €₹€ 18V | **LXT** 

Pg. 438



ML009G (10,000 lm) 40V MAX | €€€ 18V | **/**/**X**/

Pg. 439



CORDLESS WORKLIGHT CORDLESS WORKLIGHT ML005G (3,600 lm) 40V MAX | €∑€ 18V | **LXT** 

Pg. 439



**CORDLESS FLASHLIGHT** DML807 (710 lm) 18V | **LXT** 

Pg. 441

Pg. 449



CORDLESS FLASHLIGHT ML011G (300 lm) 40V MAX | **₹**₹ DML817 (300 lm) 18V | **LXT** Pg. 443



CORDLESS LANTERN + RADIO **DMR055** 18V | **LXT** 

Pg. 444



CORDLESS RADIO MR001G 40V MAX | **₹**₹ 18V | <u>LXT</u> 12V MAX | CXT Pg. 444 CORDLESS RADIO **DMR116** 

18V | **LXT** 

**4** 

Pg. 445



CORDI ESS FAN CF003G 40V MAX | **₹**₹ 18V | **LXT** 4

Pg. 446

#### **SPECIALITY TOOLS**



12V MAX | CXT



CORDLESS REBAR TYING TOOL DTR181 18V | **ZXT** 



**CORDLESS AIR COMPRESSOR** AC001G 40V MAX | **₹**₹

Pg. 452



## **NEW ACCESSORIES**

#### **BATTERY / CHARGERS**



64V MAX Lithium-ion Battery 10.Ah BL64100 191Y69-6 Pg. 024



XGT Two Port Charger DC40WA

Pg. 024



LXT Single Port Economy Charger DC18WC

Pg. 025



XGT Power Source Kit 8.Ah 2pcs Kit 5.0Ah 1pc Kit

Pg. 028



PDC1500 Portable Power Pack Unit

Pg. 029





BAC01



Pg. 029



**DRILLING** 

Flat Bit Pg. 062 E-17491

Flat Bit Extension Bar D-77213 Pg. 063

Masonry DrillBits 12pcs set: **D-77126** 

8pcs set: **E-15861** 8pcs set (Multi Material) : **E-15855** 

Pg. 073

#### **FIXING**



Impact Black Screwdriver bits (10pcs set) E-15849

Pg. 085



Impact Black Screwdriver bit (10pcs set) E-14211

Pg. 085



Impact Black Double Ended Screwdriver bit (10pcs set)

Pg. 085



Impact Black Screwdriver bit (33pcs set) E-15687

Pg. 086



Impact Black Screwdriver bit (8pcs set)

E-14227

Pg. 086



Impact Black Screwdriver bit (10pcs set)

E-14233

Pg. 086



**Hex Screw Bits** with 1/4"Hex Shank

Pg. 089



Impact Black Deep Impact Sockets

Pg. 093

#### **CUTTING / GRINDING / SANDING / POLISHING**



355mm Metal **Cutting Abrasive** Wheel for Power Cutter E-12790-5

Pg. 156



DMC300 Accessories Cut-off wheel - **D-74815-5** TCT blade - **D-74837** Diamond wheel - D-77263

Pg. 157



Diamond Wheel -Porcelain Tile

105mm D-76299

Pg. 195



Diamond Cup Wheel for Concrete Planer (125mm)

Pg. 197



E- Series Thin **Cutting Abrasive** Wheel

(100 to 230mm)



Wire Brush with 1/4" Hex Shank

Wheels



Mounted Flap

Pg. 211

Abrasive Paper for Random Orbit Sander 125mm /150mm

(Assorted pack) Pg. 234

**CLEANING** 

#### **CUTTING**

#### **SAWING**



**EFFICUT** Saw Blade for LC1230 Metal **Cutting Saw** (305mm) E-19788 Pg. 158



Saw Blade for Cutting Aluminium (165-216mm) Pg. 264

**EFFICUT** 



TCT Reciprosaw blade for Aerated Concrete B-63591

Pg. 413

Pg. 276

#### **MULTI** TOOL



Multi tool Blade (Renovation Set)

E-16994



ROUTERING

Pg. 202

22pcs Router Bit Set for Multiple Works (Assorted) D-74778

Pg. 314



Pg. 084

22pcs Router Bit Set for basic grooving (Assorted) D-74784

Pg. 314

**COMBINATION SETS** 

Stand



Pg. 353

#### **GARDEN TOOL ACCESSORIES**



**Ground Trimmer** Attachment EN424MP: 1913D3-2

Pg. 412



Water Pump Attachment PF400MP: **BRAPF400MP** 



UB402MP: 191250-7 Pg. 413



Pg. 289

Earth Auger Bits E-series for Earth Auger D -series for Driver Drill

Pg. 426



17pcs Drill and Screws Bit Set D-77207

Pg. 464



75pcs Drill & Screwdriver Bit Set F-15110

Pg. 468

# Cordless Range

- 64V MAX
- DIRECT CONNECT SYSTEM (used with power pack units)
- XGT (80V MAX / 40V MAX)
- LXT (36V / 18V)
- CXT (12V MAX)

# MAKITA'S TOOL RANGE IS STRONGER THAN EVER TOOLS IN ALL SIZES FOR EVERY APPLICATION



With the new 40V / 80V Max XGT series, Makita expands its range of high-quality cordless tools and continues to penetrate into areas that were previously reserved for AC-powered machines.



Tool users who unplug the cord with Makita 18V LXT experience new levels of convenience, efficiency and productivity.



CXT 12V Max, Compact Extreme System, gives users a more compact solution with more comfort and more capacity.

Since the Launch of 18V LXT in 2005, Makita has been leading the way in Cordless Tool innovation and technology. 18V LXT provides consumers with not only the largest range on one battery, it also provides consumers with the most reliable and efficient tools available. Our vision as a Company is to provide consumers with a battery solution for all applications across Building Construction, Industrial, Outdoor Power Equipment and Commercial Cleaning Channels In keeping with our vision. Makita is ready to lead the way once again, with our new XGT 40V / 80V battery system that will coexist with LXT, CXT and continue towards our vision of a battery solution for all applications!



- High power
- Tough design
- Smart Technology

XGT is a new system with its own tools, batteries, and chargers. A combination of innovative tool design and higher output batteries provides a genuine solution for high demand industrial users



**Pole Saw** 

Area Worklight

**Multi Function** 

Power Head

Worklight



Makita's 80V Max system is our maximum power system of cordless tools. The increased power and performance allow XGT Cordless tools to perform better than the Corded and Petrol Engine tools

Demolition Hammer

Rotary Hammer

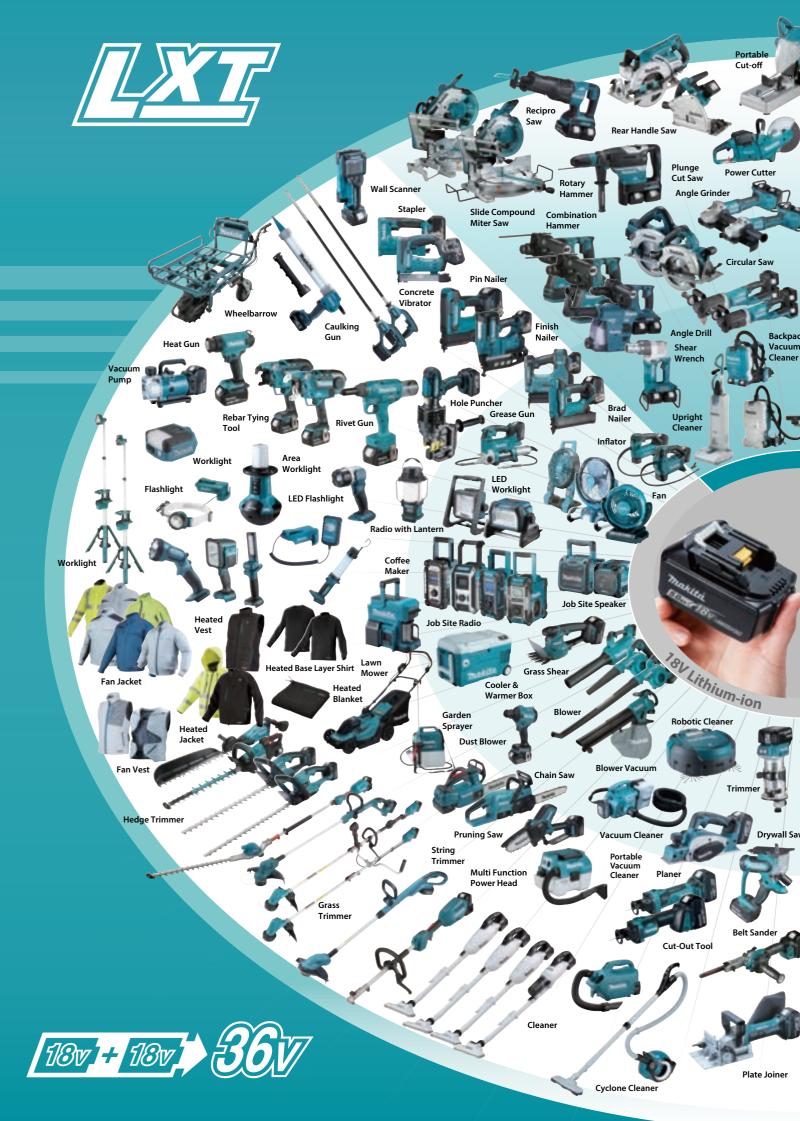
Vacuum Cleaner

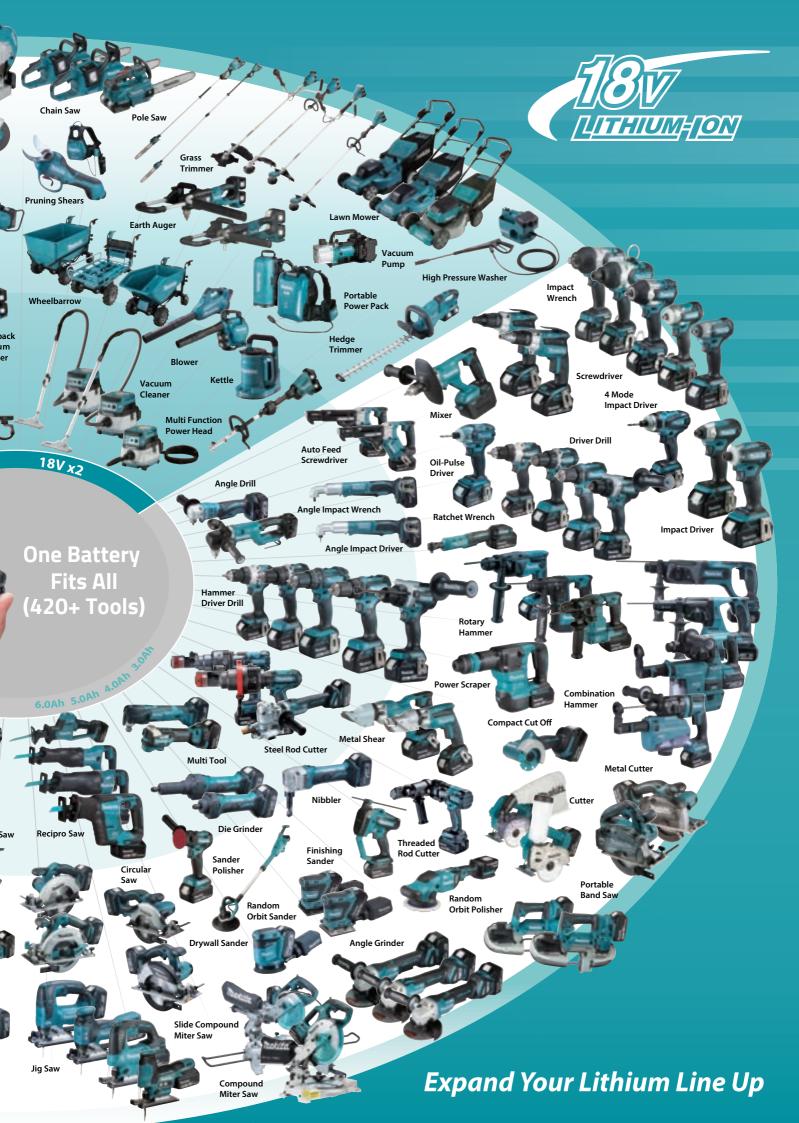
Trimmer





Adapter for LXT Battery







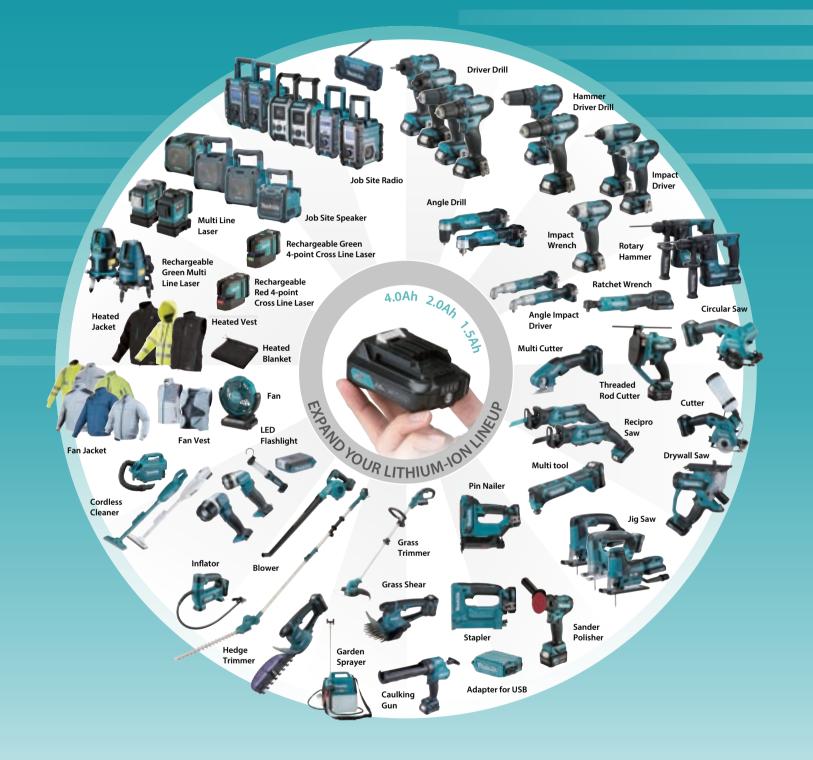
## Powered by two 18V Li-ion LXT batteries in series



The Makita twin 18V battery concept offers an expanding range of machines that utilise the established 18V Lithium-ion battery capacity to deliver high power 36V performance whilst offering an economic purchase solution for existing Makita tool owners.

Note: When different capacity batteries are used together (for example, 18V Li-ion 3.0Ah and 5.0Ah, or fully charged 5.0Ah and 70% charged 5.0Ah), the machine stops when the battery with the less capacity gets empty.















# THE CORDLESS ANSWER TO HIGH DEMANDS

XGT is a new system with its own tools, batteries, and chargers

## HIGH BATTERY OUTPUT (1888)



XGT is a genuine solution for high demand Industrial applications, A combination of innovative tool design and higher output batteries, providing a genuine solution for high demand industrial users as well!

## SMART TECHNOLOGY



The XGT range of tools and batteries comes with a built-in program, that provides digital communication between the battery and the tool. The battery technology and the tools are engineered to work together for optimum performance.



Actively monitors and protects the tools against overload, over-discharge and overheating.

#### Battery charge level with 4 bright green L.E.D. indicators allows the user to clearly see charge level.

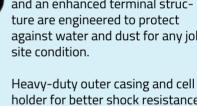




Durable rails which hold them securely in place when using the new high power products.

Wetguard & IPX4 Water and dust-resistant triple layer structure and an enhanced terminal strucagainst water and dust for any job

holder for better shock resistance.





# **Optimum Charging System Rapid Optimum Charger**

It is necessary to cool down before start charging when the battery temperature is high. Built-in fan circulates air through the battery before start charging and during the charging process to cool the battery for faster charge time.

The optimum charging system Forced air cooling



**Fast charging** 



General charging method Natural heat dissipation



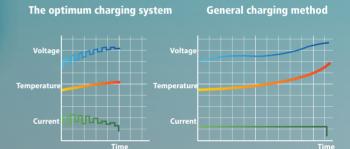
Waiting time for charging



The Makita Rapid Optimum Charger communicates with the battery's built-in chip throughout the charging process to optimize battery life by actively controlling current, voltage and temperature.







# **Battery Protection Function**

Over discharging

High temperature state

Over charging

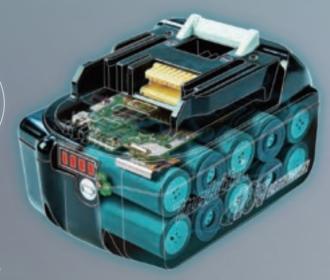
This function is communication technology that allows the tool and battery to monitor conditions and exchange data in real time to protect against Overload, Over-Discharge and Overheating.

Anytime Charge No Memory Effect No discharging required



Shock Absorbing Heavy Duty Pack





DRILLING / FIXING

## **Batteries and Chargers Chart**

64V Max Li-ion

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING



BL64100 10.0Ah PART # 191969-6



300

120

**BL6440** 

4.0Ah



SANDING / POLISHING

## 40V MAX XGT —

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

TO V IVIAA	NOI -				
		BL4020 2.0Ah PART # 191L29-0	BL4040 4.0Ah Part # 191B26-6 Part # 1910N6-8 (BL4040F)	BL4050F 5.0Ah Part # 191L47-8	BL4080F 8.0Ah PART # 191X65-8
SINGLE PORT XGT FAST CHARGER DC40RA 110 - 120 ( 2pin type) 220 - 240 (2pin type) 220 - 240 (3pin type)	191E05-2 191E13-3 191E14-1	22 min. Fast Charging	45 min. Fast Charging	50 min. Fast Charging	76 min. Fast Charging
TWO PORT XGT FAST CHARGER DC40RB 110 - 120 ( 2pin type) 220 - 240 (2pin type) 220 - 240 (3pin type)	191N05-6 191N11-1 191N13-7	22 min. Fast Charging	45 min. Fast Charging	50 min. Fast Charging	76 min. Fast Charging
	1911L6-0 1911L8-6	110 min.	210 min.	260 min.	420 min.

JOBSITE TOOLS

## **XGT to LXT Adapter**

■ 1911M2-5

220 - 240 (3pin type)

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES



on Battery	6.0Ah	40 min.  Fast Charging
LXT Lithium-ion Battery	5.0Ah	35min.  Fast C Varging
_	3.0Ah	22min.  Fast Clydriging

## 18V / 14.4V LXT \_\_\_\_\_

	110 - 12 220 - 24	0 ( 2PIN TYPE) PART NO 0 ( 3PIN TYPE) PART NO 10 (2PIN TYPE) PART NO 10 (3PIN TYPE) PART NO	LXT FAST CHARGER DC18RC 195582-6 195584-2 197378-1	TWO PORT LXT FAST CHARGER DC18RD 196929-7* 196933-6 196940-9	LXT ECONOMY CHARGER DC18WC 630D28-4 630D32-3 630D34-9	MULTI PORT LXT + CXT FAST CHARGER DC18RE 198443-9	FOUR PORT LXT CHARGER DC18SF	AUTOMOTIVE LXT CHARGER DC18SE  194621-9 (compatible with 12V/ 24V DC digarette	DRILLING / FIXING  CONCRETE DRILLING / DEMOLITION
	Lithium-ion		137376 1	1303-10-3	030034-3	130147		lighter socket	
	18V LXT	14V LXT							MIXING / STIRRING
BATTERY ID PART NO PACKAGE FUEL GAUGE	6.0Ah IIII) BL1860B 197422-4 Single	-	55 min.	55 min. Fast Charging	160 min.	55 min.	130min. 1 to 2 batteries 260min. 3 to 4 batteries	130min.	CUTTING (CONCRETE / METAL)
BATTERY ID PART NO PACKAGE FUEL GAUGE	5.0Ah III) BL1850B 197280-8 Single	-	45 min. Fast Cwarging	45 min. Fast Cwarging	135 min.	45 min. Fast Charging	110min. 1 to 2 batteries 220min. 3 to 4 batteries	110min.	GRINDING
BATTERY ID	3.0Ah	3.0Ah <b></b>	22 min.	22 min.	80	22 min.	60min. 1 to 2 batteries	60min.	SANDING / POLISHING
PART NO PACKAGE	197599-5 Single	197615-3 Single	Fast Charging	Fast Charging	min.	Fast Charging	120min.	O O TT IIIT II.	
FUEL GAUGE	1.5Ah <b></b>	1.5Ah <b></b>	15	15	4.0	15	30min.		SAWING
PART NO PACKAGE FUEL GAUGE	BL1815N 632A54-1 Bulk x	BL1415NA 196280-5 Single	min. Fast Charging	min.  Fast Charging	<b>40</b> min.	min. Fast Charging	60min. 3 to 4 batteries	30 <sub>min.</sub>	MULTI-TOOL
BATTERY ID PART NO PACKAGE	1.3Ah	-	15 min. Fast Charging	15 min. Fast Charging	40 min.	15 min. Fast Charging	30min. 1 to 2 batteries 60min. 3 to 4 batteries	30min.	ROUTERS / PLANERS
FUEL GAUGE	x								

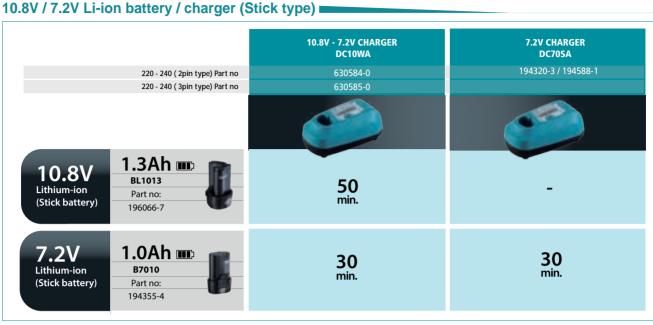
DC18SF: is not compatible with 14.4V Li-ion Battery 196929-7\* - in future it will be available in 2 Pin only

NAILERS / STAPLERS

## 12V MAX CXT\_

	IAX CXI		TWO DODT	HEAT GUN / LASER
		SINGLE PORT CHARGER DC10SB (CXT - FAST CHARGER)	TWO PORT CHARGER DC18RE (LXT + CXT FAST CHARGER)	
	110 - 120 ( 2pin type) Part no	197435-5	198443-9	CLEANING
	220 - 240 ( 2pin type) Part no	198576-0	198575-2	
	220 - 240 ( 3pin type) Part no	198433-2	198447-1	
12V	MAX / 10.8V			OP
BATTERY ID PART NO	4.0Ah IIII	60 min. Fast Charging	60 min. Fast Charging	JOBSITE TOOL
PACKAGE FUEL GAUGE	CARTON			SPECIALTY TOOL
	2.0Ah.	30	30	
BATTERY ID	BL1021B	min.	min.	
PART NO	197396-9			CARRY CASE
PACKAGE	CARTON	Fast Charging	Fast Charging	TOOL HOLDERS POUCHE

# DRILLING / FIXING CONCRETE DRILLING / DEMOLITION MIXING / STIRRING CUTTING (CONCRETE / METAL) GRINDING SANDING / POLISHING



In Build Battery and Adapter SAWING MULTI-TOOL ROUTERS / PLANERS NAILERS / STAPLERS

3.6V **12V**MAX 10.8V Li-ion (In-built Battery) For model: Li-ion (In-built Li-ion (In-built Battery BL1020V) For model: CL117FD Battery) For model: DF001DW CL105DWX 1.5Ah 2.0Ah 1.3Ah Part no: 620693-3 Part no: 632R12-9 Part no: 632D82-4 **AC ADAPTER AC ADAPTER AC ADAPTER** ADP07 DC1002 DC1001 (2 PIN) 198363-7 (2 PIN) 191L80-0 196990-4 (3 PIN) 191L84-2 (3 PIN) 2 hrs. 3-5 2

CLEANING OPE JOBSITE TOOLS

HEAT GUN / LASER

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES

#### 36V Li-ion

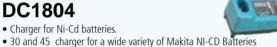


## 18V Ni-Mh Battery



Battery ID	Battery Ah	Туре	Voltage	Partno
1835	2.8 Ah	Cluster	18 V	193061-8
1435	2.8 Ah	Cluster	14.4 V	193060-0
9135	2.8 Ah	Cluster	9.6 V	193058-7
1235	3.0 Ah	Cluster	12 V	193059-5
7034	2.5 Ah	Stick	7.2 V	193888-6

#### DC1804



Battery Type	Battery Range	Voltage	Plug Pin Type	Part no
	7.2V	127	-	193848-8
Ni-Cd	- 18V	220 - 240	2	193827-6
		220 - 240	3	197380-4

#### **DC1414**

- Charger for Ni-Cd batteries.
- 30 and 45 minutes charge for a wide variety of Makita Batteries

Battery Type	Battery Range	Voltage	Plug Pin Type	Part no
Ni-Cd	7.2V - 18V	220 - 240	2	193864-0

## Wireless unit (Bluetooth chip)

• for AWS machines





ID	Part no
WUT01	198900-7

## **Battery Adapters**

Enables to separate the battery from the tool to reduce the tool weight for less hand and arm fatigue.



Туре	For Model	Part no
BAP182	18V + 18V Li-lon	197581-4



For Model	Part no
18V+18V Li-lon	197727-2

## Specially designed for use with 18V LXT cordless cleaners

Transfers the battery weight from the cleaner to user's waist to reduce the stress on hand

	<b>*</b>	
Туре	For Model	Part no
RΔP18C	18V I XT (Stick Cleaners)	191M50-5

## **Battery Protector**

BL1830B, BL1850B, BL1860B

Designed to protect the battery cartridge from dust and dripping water in outdoor applications

harsh environments	11
For Battery	Part No.
BL1415, BL1430, BL1440	195797-5

Flexible battery protector Prevents damage to the battery and work material



For Battery	Part No.
BL1830B, BL1850B, BL1860B	422807-8

DRILLING / FIXING

CONCRETE DRILLING /

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

195798-3

JOBSITE TOOLS

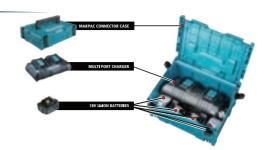
SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES

DRILLING / FIXING

Power Source Kit

CONCRETE DRILLING / DEMOLITION A combination of Makita 18V Li-ion Batteries and Charger in a Makpac connector case with moulded inlay. Makita owns the world's largest cordless tool line-up in 18V Li-ion tools and offer them in different variants i.e. 6.0Ah, 5.0Ah, 3,0Ah. Tools are also offered without battery & charger. Now pick up the Makita Power source kit, then purchase the 18V "bare tools" and you get the job done. It's an ideal way to start building a Makita cordless tool line-up. Users who preowned "Tool only version" (i.e. Tool without battery and charger) can benefit with this power source kits.



MIXING / STIRRING

CUTTING (CONCRETE / METAL)

XGT-PSK 8.0Ah										
BATTERY CHARGER						МАКРАС				
Part no	MODEL	VOLTS	AMPERE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
1910A4-1	BL4080F	40V MAX	8.0Ah	2pcs	DC40RB	40V MAX	2	3	1pc	Type 3

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

XGT-PSK 5.0Ah										
BATTERY CHARGER						МАКРАС				
Part no	MODEL	VOLTS	AMPERE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
191V43-6	BL4050F	40V MAX	5.0Ah	2pcs	DC40RA	40V MAX	1	3	1pc	Type 3
191U21-0	BL4050F	40V MAX	5.0Ah	2pcs	DC40RB	40V MAX	2	3	1pc	Type 3
191U22-8	BL4050F	40V MAX	5.0Ah	2pcs	DC40RB	40V MAX	2	2	1pc	Type 3

XGT-PSK 4.0Ah **BATTERY** CHARGER MAKPAC CASE Part no MODEL **VOLTS** AMPERE QTY MODEL VOLTS PORT PIN QTY 40 MAX 191K03-2 **BL4040** 4.0Ah DC40RA 40V MAX 2pcs 1 3 1pc Type 1

ROUTERS / PLANERS

NAILERS / STAPLERS

LXT-PSK 6.0Ah										
BATTERY CHARGER					МАКРАС					
Part no	MODEL	VOLTS	AMPERE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
198082-5	BL1860B	18V Li-ion	6.0Ah	2pcs	DC18RD	14.4V - 18VLi-ion	2	3	1pc	Type 3
198108-3	BL1860B	18V Li-ion	6.0Ah	1pc	DC18RC	14.4V - 18VLi-ion	1	3	1pc	Type 1

HEAT GUN / LASER

CLEANING

LXT-PSK 5.0Ah										
		BAT	TERY			CHARGER				МАКРАС
Part no	MODEL	VOLTS	AMPERE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
198568-9	BL1850B	18V Li-ion	5.0Ah	4pcs	DC18RD	14.4V - 18VLi-ion	2	3	1pc	Type 3
199592-5	BL1850B	18V Li-ion	5.0Ah	4pcs	DC18RD	14.4V - 18VLi-ion	2	2	1pc	Type 3
198567-1	BL1850B	18V Li-ion	5.0Ah	2pcs	DC18RD	14.4V - 18VLi-ion	2	3	1pc	Type 3

OPE

JOBSITE TOOLS

LXT-PSK 3.0Ah										
BATTERY CHARGER						МАКРАС				
Part no	MODEL	VOLTS	AMPERE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
197972-9	BL1830B	18V Li-ion	3.0Ah	4pcs	DC18RD	14.4V - 18VLi-ion	2	3	1рс	Type 2
191A26-0	BL1830B	18V Li-ion	3.0Ah	1рс	DC18RC	14.4V - 18VLi-ion	1	3	1pc	Carton Box

SPECIALTY TOOLS

LXI/CXI (With 4.0An CXI Battery X Tpc and 5.0An LXI Battery X Tpc)										
		BATTER	Υ			MAKPAC				
Part no	MODEL	VOLTS AMPERE QTY MODEL VOLTS PORT PIN Q					QTY	CASE		
	BL1041B	12V MAX Li-ion	4.0Ah	1pc	DC18RE	12V MAX CXT	NALII TI	_	1	Tuno 2
199360-6	BL1850B	18V Li-ion	5.0Ah	1pc	DCIBRE	& 18V LXT	MULTI	3	1pc	Type 3
	BL1041B	12V MAX Li-ion	4.0Ah	1pc	D. 64 0 D.E	12V MAX CXT	NALII TI	_	4	Type 3
199359-1	BL1850B	18V Li-ion	5.0Ah	1pc	DC18RE	& 18V LXT	MULTI	2	1pc	Type 3

CARRY CASE / TOOL HOLDERS / POUCHES

#### **Portable Power Source Units**

#### **PDC1500**





#### **PDC1200**





### PDC01

40Vmax

191N62-4

TYPE

CHARGER

W/O BATTERY/

Adapter to connect 40V MAX XGT Tools

(Optional)

**Specification** 

**Charging Hours** 

**Available Variants** 





CUTTING (CONCRETE / METAL)

MIXING / STIRRING

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

## CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES

#### **Backpack utilizes Built-in** battery cells to provide 43.55Ah and longer run time

Provides up to 1.3 times more runtime than PDC1200.

Provides up to 5.4 times more runtime than 8.0Ah XGT battery

#### **Backpack utilizes Built-in** battery cells to provide 33.5Ah and longer run time

Provides up to 5.6 times more runtime that 18Vx2 tools used with 2x 6.0Ah batteries

#### **Backpack utilizes upto four 18V LXT batteries to provide longer** run time

- 2 times the runtime with 18Vx2 tools
- 4 times the runtime with 18V tools (Note:- Batteries sold seperately)

Compatible across four platforms

Adapter to connect 18V+18V LXT Tools

Voltage 18V / 36V

Length of cable 1.1m (Cable to tool)

Dimensions (LxWxH) 400x195x132mm

VARIANTS

(191A67-6)

PDC01

Energy capacity 432 Wh (with 4 LXT battery) Capacity 24 / 12 Ah (with 4 LXT battery)

Net weight 7.0 kg (with 4 LXT battery)

ADPATER

18V + 18V

**LXT Adapter** 

191J51-5

ക്ക

Adapter to cor 18V LXT Tools 191J50-7

(Optional)

#### **Compatible across three platforms**



**Specification** 

Voltage Output 36V

Energy capacity 1500 Wh

Capacity 43.55 Ah Charging Hours 8hrs with DC4001

Net weight 13.0 kg

VARIANTS

PDC1500A01

**Available Variants** 

TYPE

**BUILT-IN** 

BATTERY CELLS

Length of cable 1.1m (Cable to tool) Dimensions (LxWxH) 369×312×130 mm



#### **Compatible across three platforms**







Voltage Output	36V
Energy capacity	1200 Wh
Capacity	
Charging Hours	6hrs with DC4001
Length of cable	1.1m (Cable to tool)
Dimensions (LxWxH)	369×261×139

## **Specification**

Voltage Output	36V
Energy capacity	1200 Wh
Capacity	33.5 Ah
Charging Hours	6hrs with DC4001
Length of cable	1.1m (Cable to tool)
Dimensions (LxWxH)	369×261×139
Net weight	10.4 kg

## **Available Variants**

	VARIANTS	CHARGER
BUILT-IN BATTERY CELLS	PDC1200A02	DC4001 (191L08-8)

Note:- PDC1500 and PDC1200 cannot connected to 18V single battery LXT machines

CHARGER

DC4001

(191L08-8)

## BAC01 - Power Converter powered by Makita portable power pack

#### Turns DC power into AC power

Adapt portable power pack units to supply AC power to corded tools and also works as emergency power source for home appliances when AC power is not accessible

- Multiple outputs including: 2 AC outlets, 2 Type-A USB output ports, 2 Type-C USB output ports, 1 DC12V cigar socket
- 7-stage output indication by 7 LED lamps allow users to understand compatible appliances.
- Can be connected firmly with MAKPAC system
- Double insulated

#### Compatible products:-

Charges LXT and XGT batteries via respective fast chargers Works as power source for home appliances such as 4K LCD TV, Compact refrigerator, LED worklight, Fan, Rice cooker, Electric kettle, Electric thermo pot, Household microwave (500W) and many more







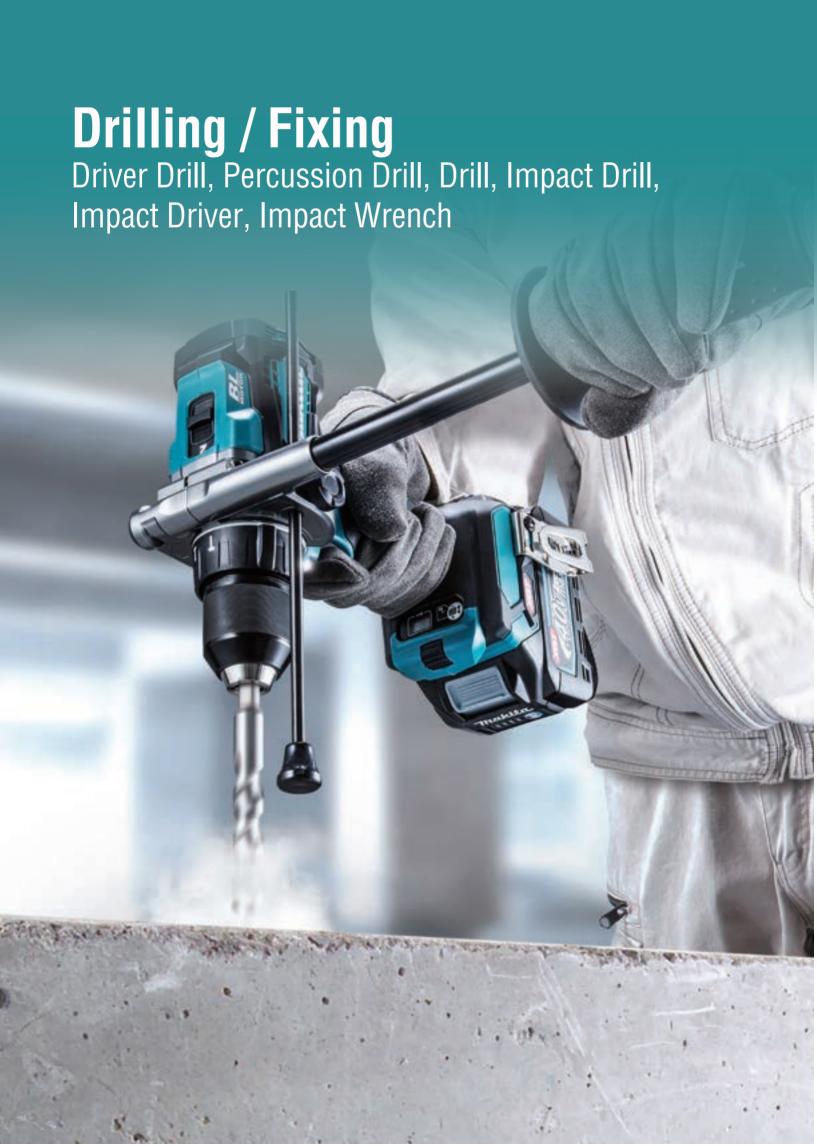




Specification	
AC output voltage	230V (50/60 Hz)
Input power source	PDC1500 / PDC1200 / PDC01
<b>Continuous rating output</b>	1,400W (PDC1200) / 750W (PDC01)
Max output	2800W
Continuous run time	56 mins. with PDC1200*
	20 mins. with PDC01**

Dimensions (LxWxH) 395 x 345 x 163mm Net weight 7.3 Kg (Body only) (Note: The Portable Power Source Unit is not included with BAC01)

\*PDC1200: @ discharging at a rate of 1.000W(VA) \*\*PDC01: With four BL1860B batteries @ discharging at a rate of 750W(VA)







#### **Cordless Driver Drill**





#### Efficient, Durable, Compact, Lightweight Outstanding Performance. Excellent in Continuous Heavy-Duty Work

- Delivers 140Nm of Max torque achieved with combination of high power brushless motor and innovative XGT battery
- Delivers 35% or more higher speed than LXT model DDF481

#### **New electronic clutch settings**

A higher range of torque can be covered than with mechanical clutch

• 41-stage setting in gear one • 21-stage setting in gear two

Capacity	Steel: 20 mm
	Wood: 50 mm (Auger-Bit), Wood: 76 mm (Self-Feed Bit),
	Wood: 152 mm (Hole Saw)
Chuck Capacity	1.5 - 13 mm
No Load Speed (RPM)	High / Low: 0 - 2,600 / 0 - 650
Max Fastening Torque	Hard / Soft: 140 / 68 N·m
Dimensions (L x W x H)	181 x 86 x 282 mm
Net weight	2.0 kg (without Battery)

Standard Equipment: Side Grip.

**DDF486** - 13mm

• 21 torque settings

Capacity

Chuck Capacity No Load Speed (RPM)

Net weight

DDF486 RTJ

Max Fastening Torque

Dimensions (L x W x H)

Standard Equipment: (+)(-) bit, Belt clip

**Cordless Driver Drill** 

tightening fasteners into hard material

• Durable aluminium gear housing

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
DF001G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DF001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

Increased performance in continuous heavy-duty applications

Wood (Auger-Bit): 50 mm | Wood (Self-Feed Bit): 76 mm

"Z" VARIANT

DDF486 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGES / CARRYING CASE)

• Increased max clutch torque enables to adjust clutch torque even when

• Mechanical 2 speed gearing with all metal gear construction

Siding Board: 170 mm 1.5 - 13 mm (1/16 - 1/2")

High / Low: 0 - 2,100 / 0 - 550

AVAILABLE VARIANTS

Hard / Soft: 130 / 65 N·m

178 x 81 x 265 mm

3.0Ah

DDF486 RFJ

2.6 kg

Steel: 13 mm

XPT technology that protects against dust & moisture
 Compact and ergonomic design at only 178 mm long

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

18V | **//**/*XT* 

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALT

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DF002G** 13mm **40V MAX** | **40V** 

#### **Cordless Driver Drill**



## Efficient, Durable, Compact, Lightweight Outstanding Performance.

- Delivers 64Nm of Max torque achieved with combination of brushless motor and innovative XGT battery
- 21 adjustable mechanical clutch settings



Steel 13
Wood: 38 (Auger Bit, Self-Feed Bit)
Wood (Hole Saw): 51mm
1.5 - 13 mm
High / Low: 0 - 2,200 / 0 - 600
Hard / Soft: 64 / 30 N·m
164 x 86 x 215 mm (without Battery)
1.2kg (without Battery)

Standard Equipment: Side Grip.

AVAILABLE VARIANTS	
2.0Ah	"Z" VARIANT
DF002G A2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DF002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY/ CHARGER / CARRYING CASE)

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DDF481 13mm 18V | LXT

#### **Cordless Driver Drill**





#### Large brushless motor provides higher power and productivity

- Durable aluminium gear housing
- Mechanical 2 speed gearing with all metal gear construction
- XPT technology that protects against dust & moisture
- 21 torque settings

Capacity	Steel: 13mm
	Wood: 76mm
No load speed (rpm)	Hi : 0-2,100
	Lo : 0-550
Max fastening torque	Hard / Soft : 115 / 60N m
Dimensions (L x W x H)	205x79x249mm
Net weight	2,7kg

Standard Equipment: (+)(-) bit, Side grip

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DDF481 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DDF481 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

#### **DDF489** 13mm

## Cordless Driver Drill





18V | /LX7

#### Large brushless motor provides higher power and productivity

- Durable aluminium gear housing
- Mechanical 2 speed gearing with all metal gear construction
- XPT technology that protects against dust & moisture
- 21 torque settings

Capacity	Steel: 13 mm
	Wood (Auger-Bit): 38 mm
	Wood (Self-feed bit & Hole Saw) : 51 mm
Chuck capacity	1.5 - 13 mm
No Load Speed (RPM)	High / Low: 0 - 1,800 / Low: 0 - 550
Max Fastening Torque	Hard / Soft: 70 / 36 N m
Dimensions (L x W x H)	172x81x261 mm
Net weight	1.8 kg

Standard Equipment: (+)(-) bit, Belt clip

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DDF489 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DDF489 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

### **DDF484** 13mm **18V** | **LXT**

#### **Cordless Driver Drill**





#### Powerful Brushless motor & Compact and ergonomic design

- Delivers more drilling, driving and fastening speed
- Aluminum gear housing creates an impression of rigidity and luxuriousness
- $\bullet$  Variable 2-speed for a wide range of drilling and fastening applications
- Built-in twin LED lights with pre-glow and afterglow functions illuminate the work area

## 

Capacity	Steel / Wood: 13 / 38 mm	
	Wood (Self-feed bit): 76 mm	
Chuck capacity	1.5 - 13 mm	
No Load Speed (RPM)	High / Low: 0 - 2,000 / 0 - 500	
Max Fastening Torque	Hard / Soft: 54 / 30 N m	
Dimensions (L x W x H)	172x79x261 mm	
Net weight	1.8 kg	

Standard Equipment: (+)(-) bit, Belt clip

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DDF484 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DDF484 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

#### **DDF453** 13mm





18V | **//** X7

## All metal gear construction ensures high transmission durability

- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.

Steel: 13 mm / Wood: 36 mm
Wood (Self-feed bit): 76 mm
High: 0-1,300 / Low: 0-400
Hard / Soft: 42 / 27 N m
222x79x244 mm
2 kg

Standard Equipment: (+)(-) bit, Belt clip

AVAILABLE VARIAIVIS
3.0Ah
DDF453 RFE INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRYING CASE

#### **DDF487** 13mm **18V** | **LXT**

#### **Cordless Driver Drill**





#### Ultra compact design and lightweight

- Mechanical 2 speed gearing
- 1,700rpm no load speed motor delivers fast driving performance
- XPT technology that protects against dust & moisture
- Twin LED Job light with after-glow function



Capacity	Steel / Wood (Auger Bit) /
	Wood (Self-Feed Bit) / Wood (Hole Saw): 13 / 36 / 35 / 51 mm
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")
No Load Speed (RPM)	High / Low: 0 - 1,700 / 0 - 500
Max Fastening Torque	Hard / Soft: 40 / 25 N·m
Dimensions (L x W x H)	150 x 81 x 248 mm
Net weight	1.6 kg

Standard Equipment: (+)(-) bit, Belt clip

5.0Ah	3.0Ah	3.0Ah	"Z" VARIANT
DDF487 RTJ	DDF487 RFJ	DDF487 RF1	DDF487 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)
INCLUDES 2 BATTERIES /	INCLUDES 2 BATTERIES /	INCLUDES 1 BATTERY /	
1 CHARGER /	1 CHARGER /	1 CHARGER /	
MAKPAC CONNECTOR	MAKPAC CONNECTOR	MAKPAC CONNECTOR	
CASE	CASE	CASE	

#### **DDF483** 13mm **18V** | **LXT**

#### **Cordless Driver Drill**





## New Ultra-compact and ergonomic design at only 162mm long

12V MAX | *CXT* 

- and lightweight for reduced operator fatigue
  Brushless motor provides higher power and productivity
- Variable 2-speed for a wide range of drilling and fastening applications

	No. 12 P. 18 XPT
--	------------------

Capacity	Steel / Wood: 13 / 36 mm
Chuck capacity	1.5 - 13 mm
No Load Speed (RPM)	High / Low: 0 - 1,700 / 0 - 500
Max Fastening Torque	Hard / Soft: 40 / 23 N m
Dimensions (L x W x H)	162x79x247 mm
Net weight	1.6 kg

Standard Equipment: (+)(-) bit, Belt clip

**DF333D** - 10mm

**Cordless Driver Drill** 

• Ball bearing reduces chuck wobbling

fastening applications

Chuck capacity

Max lock torque

Net weight

2 0Ah

No Load Speed (RPM)

Max Fastening Torque

Dimensions (L x W x H)

Standard Equipment: Belt clip

DF333D WAE

Slide style battery and improved ergonomic grip

SE CAN LA #2 ED ED CATA

AVAILABLE VARIANTS					
5.0Ah	3.0Ah	"Z" VARIANT			
DDF483 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DDF483 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DDF483 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)			

Compact and ergonomic design with only 179mm length

• Variable 2-speed (0-450 & 0-1,700 RPM) for a wide range of drilling and

• Increased motor power for higher application speed and max tightening torque

Steel / Wood: 10 / 21 mm

Hard / Soft: 30 / 14 N m

High / Low: 0 - 1,700 / 0 - 450

"Z" Version

DF333D Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DF333D: 0.8 - 10 mm

179x66x212 mm

28 N m

1.2 kg

AVAILABLE VARIANTS

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DF332D** - 10mm **12V MAX** | **CXT** 

#### **Cordless Driver Drill**





## More compact and more work amount thanks to the newly developed brushless motor

- High rotational speed
- Best possible ergonomic handle for drilling/driving applications
- Battery protection circuit is activated on high battery temperature to protect the battery from damages due to overdischarge, high temperature or overload current.
- 10mm (3/8") single sleeve keyless drill chuck with click sound to indicate that drill bit is fully locked



Capacity	Steel: 10mm (3/8")
	Wood : 28mm (1-1/8")
No load speed (rpm)	Hi : 0-1,500 / Lo : 0-450
Max tightening torque	Hard / Soft : 35 / 21N m
Dimensions (L x W x H)	154x66x217mm (6-1/6"x2-5/8"x8-1/2")
Net weight	1.0kg (2.3lbs)

Standard Equipment: Belt clip, Phillips bit

	AVAILABLE VARIANTS			
2.0Ah		"Z" Version		
DF332D WAE INCLUDES 2 BATTERIES / 1 CHARG	GER /	DF332D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)		

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

7.2V **DF012D** - 5mm

# **Cordless Driver Drill**



#### **Ultra-lightweight and compact tool**

- Auto-stop clutch: tool shuts off when clutch disengages for extra fastening control; prevents overdriving the fastener
- 2-Speed design for high or low torque applications
- Comfortable grip design operates in straight or pistol grip positions
- Can be also used as a hand driver
- 21 Clutch settings and drill mode for added fastening control
- Lock lever prevents accidental startup

Capacity	Steel: 5 mm / Wood: 6 mm	
No Load Speed (RPM)	High: 650 / Low: 200	
Max Fastening Torque	Hard / Soft: 5.6 / 3.6 N m	
Dimensions (L x W x H)	Pistol Style: 218x44x142 mm	
Dimensions (L x W)	Straight Style: 273x44 mm	
Net weight	0.53 kg	

Standard Equipment: Phillips Bit

AVAILABLE VARIANTS 1.5Ah

DF012DSJ INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE

**DF0300** 10mm

**Driver Drill** 





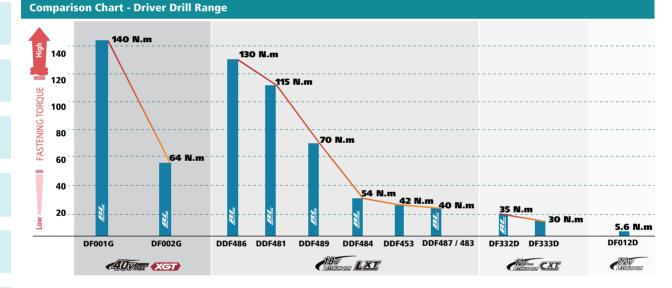


#### **Excellent usability and compact**

- Compact and lightweight design.
- 2 sleeve keyless Drill chuck allows for easy bit installation/ removal by one hand
- Mechanical 2-speed gearing
- 20 Torque settings
- Ergonomic handle with soft grip for driver-drill applications
- Variable speed control by trigger



Continuous rating input	320W
Capacity	Steel / Wood: 10 / 28mm
Chuck Capacity	1.0 - 10 mm
No Load Speed (RPM)	High / Low: 0 - 1,500 / 0 - 450
Max Fastening Torque	Hard / Soft: 56.0 / 21.0 N m
Max lock torque	42.0 N m (370 in.lbs.)
Vibration Level	2.5 m/s² or less
Sound Pressure Level	80 dB(A)
Sound Power Level	91 dB(A)
Dimensions (L x W x H)	220x67x206 mm
Net weight	1.2 kg
Power supply cord	2.5 m



Model No.	Voltage	No load speed (rpm)	Mechanical Speed	Torque Setting	Max. fastening torque Hard / Soft (N·m)	Overall length (mm)	Net weight (kg)	BL motor
DF001G	40V MAX	0-2,600 / 650	2-Speed	21 / 41	140 / 68	181	2.0 kg	•
DF002G	XGT	0-2,200 / 600	2-Speed	21	64 / 30	164	1.2 kg	•
DDF486		0-2,100 / 550	2-Speed	21	130 / 65	178	2.6 kg	•
DDF481		0-2,100 / 550	2-Speed	21	115 / 60	205	2.7 kg	•
DDF489		0 - 1,800 / 550	2-Speed	21	70 / 36	174	1.8 kg	•
DDF484	18V LXT	0-2,000 / 500	2-Speed	21	54 / 30	172	1.8 kg	•
DDF453		0-1,300 / 0-400	2-Speed	16	42 / 27	223	2.0 kg	-
DDF487		0-1,700 / 500	2-Speed	20	40 / 25	150	1.6 kg	•
DDF483		0-1,700 / 500	2-Speed	20	40 / 23	162	1.6 kg	•
DF332D	12V CXT	0-1,500 / 450	2-Speed	20	35 / 21	154	1.0 kg	•
DF333D	124 CXI	0-1,700 / 450	2-Speed	20	30 / 14	179	1.2 kg	-
DF012D	7.2V	650 / 200	2-Speed	21	5.6 / 3.6	218	0.53 kg	-
DF0300	320W	0-1,500 / 0- 450	2-Speed	20	56 / 21	220	1.2 kg	-

## **HP001G** 13mm 40V MAX | **€**X**©**

#### **Cordless Percussion Driver Drill**





#### **Efficient, Durable, Compact, Lightweight Outstanding Performance. Excellent in Continuous Heavy-Duty Work**

- Delivers 140Nm of Max torque achieved with combination of high power brushless motor and innovative XGT battery
- Delivers 35% or more higher speed than LXT model DDF481

#### **New electronic clutch settings**

A higher range of torque can be covered than with mechanical clutch

• 41-stage setting in gear one • 21-stage setting in gear two

Capacity	Masonry: 20mm   Steel: 20mm	
	Wood: 50mm (Auger-Bit), Wood: 76mm (Self-Feed Bit),	
	Wood: 152mm (Hole Saw)	
Chuck Capacity	1.5 - 13 mm	
Impacts Per Minute (IPM)	High / Low: 0 - 39,000 / 0 - 9,750	
No Load Speed (RPM)	High / Low: 0 - 2,600 / 0 - 650	
Max Fastening Torque	Hard / Soft: 140 / 68 N·m	
Dimensions (L x W x H)	182x86x282 mm	
Net weight	2.0 kg (without Battery)	

Standard Equipment: Side Grip.

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
HP001G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	HP001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

#### **HP002G** 13mm **Cordless Percussion Driver Drill**



CONCRETE DRILLING / DEMOLITION

DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

#### **Efficient, Durable, Compact, Lightweight Outstanding** Performance.

- Delivers 64Nm of Max torque achieved with combination of brushless motor and innovative XGT battery
  • 21 adjustable mechanical clutch settings

Masonry: 13mm   Steel 13mm
Wood: 38mm (Auger Bit, Self-Feed Bit)   Wood (Hole Saw): 51mm
1.5 - 13 mm
High / Low: 0 - 33,000 / 0 - 9,000
High / Low: 0 - 2,200 / 0 - 600
Hard / Soft: 64 / 30 Nm
174 x 86 x 215 mm (without Battery)
1.3kg (without Battery)

Standard Equipment: Side Grip.

**DHP481** - 13mm

AVAILABLE VAINANTS	
2.0Ah	"Z" VARIANT
HP002G A2 Includes 2 Batteries / 1 Charger / Makpac Connector Case	HP002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY/ CHARGER / CARRYING CASE)

#### **DHP486** - 13mm 18V | /LX7

#### **Cordless Percussion Driver Drill**

tightening fasteners into hard material

• Durable aluminium gear housing





## Newly developed large brushless motor provides higher

• Features the highest torque in the industry.

**Cordless Percussion Driver Drill** 

## power and productivity.

• Compact tool size with an overall length of 205mm.

- XPT technology that protects against dust & moisture • Compact and ergonomic design at only 178 mm long
- 21 torque settings

	(18V LXT BL XPT
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• Mechanical 2 speed gearing with all metal gear construction

• Increased max clutch torque enables to adjust clutch torque even when

Capacity	Steel: 13 mm (1/2")
	Wood (Auger-Bit): 50 mm (2")   Wood (Self-Feed Bit): 76 mm (3")
	Siding Board: 170 mm (6-11/16")
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")
Impacts Per Minute (IPM)	High / Low: 0 - 31,500 / 0 - 8,250
No Load Speed (RPM)	High / Low: 0 - 2,100 / 0 - 550
Max Fastening Torque	Hard / Soft: 130 / 65 N·m
Dimensions (L x W x H)	178 x 81 x 265 mm
Net weight	2.7 kg

Standard Equipment: (+)(-) bit, Side grip

AVAILABLE VARIANTS		
5.0Ah	3.0Ah	"Z" VARIANT
DHP486 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHP486 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHP486 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

## 

Capacity	Steel:13mm / Wood:76mm
	Masonry : 16mm
Impacts per minute (ipm)	Hi: 0-31,500 / Lo: 0-8,250
No load speed (rpm)	Hi: 0-2,100 / Lo: 0-550
Max fastening torque	Hard / Soft : 115 / 60N m
Dimensions (L x W x H)	205x79x249mm
Net weight	2.8kg

Standard Equipment: (+)(-) bit, Side Grip, Belt clip

5.0Ah	3.0Ah	"Z" VARIANT
DHP481 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHP481 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHP481 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

18V | /LXT

HEAT GUN /

NAILERS / STAPLERS

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

**Cordless Percussion Driver Drill** 

**DHP489** 13mm



#### Powerful Brushless motor & Compact and ergonomic design

- Delivers more drilling, driving and fastening speed
- Aluminum gear housing creates an impression of rigidity and luxuriousness
- Variable 2-speed for a wide range of drilling and fastening applications
- Built-in twin LED lights with pre-glow and afterglow functions illuminate the work area

ABV LXT, BL XPT

Capacity	Masonry / Steel / Wood: 16 / 13 / 38 mm	
Chuck capacity	1.5 - 13 mm	
Impacts per minute (ipm)	High / Low: 0 - 27,000 / 0 - 8,250	
No Load Speed (RPM)	High / Low: 0 - 1,800 / 0 - 550	
Max Fastening Torque	Hard / Soft: 70 / 36 N m	
Dimensions (L x W x H)	175x81x244 mm	
Net weight	1.9 kg	

Standard Equipment: (+)(-) bit, Belt clip

AVAILABLE VARIANTS				
5.0Ah	"Z" VARIANT			
DHP489 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRYING CASE	DHP489 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)			

**DHP484** 13mm

18V | **//** 

18V | /LXT

**Cordless Percussion Driver Drill** 





#### Powerful Brushless motor & Compact and ergonomic design

- Delivers more drilling, driving and fastening speed
- Aluminum gear housing creates an impression of rigidity and luxuriousness
- Variable 2-speed for a wide range of drilling and fastening applications
- Built-in twin LED lights with pre-glow and afterglow functions illuminate the work area

	(18V LXT BL XPT
--	-----------------

Capacity	Masonry / Steel / Wood: 13 / 13 / 38 mm	
Chuck capacity	1.5 - 13 mm	
Impacts per minute (ipm) High / Low: 0 - 30,000 / 0 - 7,500		
No Load Speed (RPM)	High / Low: 0 - 2,000 / 0 - 500	
Max Fastening Torque	Hard / Soft: 54 / 30 N m	
Dimensions (L x W x H)	182x79x261 mm	
Net weight	1.9 kg	

Standard Equipment: (+)(-) bit, Belt clip

AVAILABLE VARIANTS
5.0Ah
DHP484 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRYING CASE

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DHP453** 13mm 18V | /LX7







#### All metal gear construction ensures high transmission durability.

- Single sleeve keyless chuck enables easy bit installation/removal with one hand.
- Ergonomically designed rubberized soft grip provides more control and comfort.

20 m	18V	LXT,

Capacity	Steel / Wood / Masonry: 13 / 36 / 13 mm		
Chuck capacity	1.5 - 13 mm		
Impacts Per Minute (IPM)	Hi : 0-19,500 Lo : 0-6,000		
No Load Speed (RPM)	Hi : 0-1,300 Lo : 0-400		
Max Fastening Torque	Hard / Soft : 42 / 27N m		
Dimensions (L x W x H)	239x79x244mm		
Net weight	2.0kg		

Standard Equipment: (+)(-) bit, Belt clip

		AVAII ARI E VARIAN
-		

OAh			

DHP453 RFE
INCLIDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRYING CASE

## **DHP487** 13mm **Cordless Percussion Driver Drill**





18V | **LX**7

#### Ultra compact design and lightweight

- Mechanical 2 speed gearing
- 1,700rpm no load speed motor delivers fast driving performance
- XPT technology that protects against dust & moisture
- Twin LED Job light with after-glow function

## 

Capacity	Steel / Wood (Auger Bit) / Wood (Self-Feed Bit) /		
	Wood (Hole Saw) / Masonry : 13 / 36 / 35 / 51 / 13 mm		
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")		
Impacts Per Minute (IPM)	High / Low: 0 - 25,500 / 0 - 7,500		
No Load Speed (RPM)	High / Low: 0 - 1,700 / 0 - 500		
Max Fastening Torque	Hard / Soft: 40 / 25 N⋅m		
Dimensions (L x W x H)	164 x 81 x 248 mm		
Net weight	1.7kg		

dard Equipment: (+)(-) bit, Side Grip, Belt clip

standard Equipment. (+)(-) bit, side drip, belt clip				
AVAILABLE VARIANTS				
5.0Ah 3.0Ah 3.0Ah "Z" VARIANT				
DHP487 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHP487 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHP487 RF1J INCLUDES 1 BATTERY / 1 CHARGER / MAKPAC CONNECTOR CASE	DHP487 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

**HP333D** 10mm (3/8")

#### 12V MAX | *CXT*

#### **Cordless Percussion Driver Drill**





#### Compact and ergonomic design with only 193mm length

- Ball bearing reduces chuck wobbling
- Slide style battery and improved ergonomic grip
- Variable 2-speed (0-450 & 0-1,700 RPM) for a wide range of drilling, fastening and hammer drilling applications
- Increased motor power for higher application speed and max tightening torque

Capacity	Steel / Wood / Masonry: 10 / 21 / 8 mm
Impacts per minute (ipm)	High / Low: 0 - 25,500 / 0 - 6,750
No load speed (rpm)	High / Low: 0 - 1,700 / 0 - 450
Max tightening torque	Hard / Soft: 30 / 14 N m
Max lock torque	28 N m
Dimensions (L x W x H)	193x66x212 mm
Net weight	1.3 kg

#### Standard Equipment: Belt clip

AVAILABLE VARIANTS			
2.0Ah	2.0Ah	"Z" Version	
HP333D WAX1 INCLUDES 74PCS ACC SET + 2 BATTERIES / 1 CHARGER / CARRYING CASE	HP333D WAE INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	HP333D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

#### **HP333D WAX1** (with Accessories kit)



#### HP332D 10mm (3/8")

#### 12V MAX | **CXI**

#### **Cordless Percussion Driver Drill**





# More compact and more work amount thanks to the newly developed brushless motor and 10.8V slide Li-ion battery

- High rotational speed
- Best possible ergonomic handle for drilling/driving applications
- Battery protection circuit is activated on high battery temperature to protect the battery from damages due to overdischarge, high temperature or overload current.
- 10mm (3/8") single sleeve keyless drill chuck with click sound to indicate that drill bit is fully locked
- Single LED job light with pre-glow and afterglow functions



Capacity	Steel : 10mm (3/8")
	Wood : 28mm (1-1/8")
	Masonry : 8mm (5/16")
Impacts per minute (ipm)	Hi: 0-22,500 / Lo: 0-6,750
No load speed (rpm)	Hi: 0-1,500 / Lo: 0-450
Max tightening torque	Hard / Soft : 35 / 21N m
Dimensions (L x W x H)	168x66x217mm (6-5/8"x2-5/8"x8-1/2")
Net weight	1.1kg (2.5lbs)

Standard Equipment: Belt clip, Phillips bit

AVAILABLE VARIANTS		
2.0Ah	"Z" Version	
HP332D WAE INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	HP332D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

#### **HP0300** 10mm







#### **Excellent usability and compact**

- Compact and lightweight design.
- 2 sleeve keyless Drill chuck allows for easy bit installation/ removal by one hand
- Mechanical 2-speed gearing
- 20 Torque settings
- Ergonomic handle with soft grip for driver-drill applications
- Variable speed control by trigger



320W	
Concrete / Steel / Wood: 8 / 10 / 28mm	
1.0 - 10 mm	
High / Low: 0 - 1,500 / 0 - 450	
High / Low: 0 - 22,500 / 0 - 6,750	
Hard / Soft: 56.0 / 21.0 N m	
42.0 N m	
Impact Drilling into Concrete: 12.5 m/s <sup>2</sup>	
Drilling into Metal: 2.5 m/s <sup>2</sup> or less	
82 dB(A)	
93 dB(A)	
235x67x206 mm	
1.3 kg	
2.5 m	

NAILERS /

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

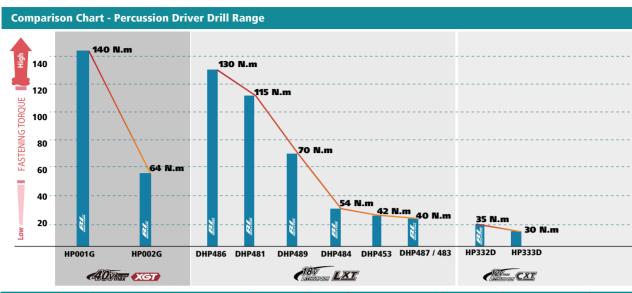
OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



Model No.	Voltage	No load speed (rpm)	Impacts per minute (ipm)	Mechanical Speed	Torque Setting	Max. fastening torque Hard / Soft (N·m)	Overall length (mm)	Net weight (kg)	BL motor
HP001G	40V MAX	0-2,600 / 650	0-39,000 / 9,750	2-Speed	21 / 41	140 / 68	181	2.0kg	•
HP002G	XGT	0-2,200 / 600	0-33,000 / 9,000	2-Speed	21	64 / 30	164	1.3kg	•
DHP486		0-2,100 / 550	0-31,500 / 8,250	2-Speed	21	130 / 65	178	2.7kg	•
DHP481		0-2,100 / 550	0-31,500 / 8,250	2-Speed	21	115 / 60	205	2.8kg	•
DHP489		0 - 1,800 / 550	0-27,500 / 8,250	2-Speed	21	70 / 36	174	1.9kg	•
DHP484	18V LXT	0-2,000 / 500	0-30,000 / 7,500	2-Speed	21	54 / 30	172	1.9kg	•
DHP453		0-1,300 / 0-400	0-19,500 / 6,000	2-Speed	16	42 / 27	223	2.0kg	-
DHP487		0-1,700 / 500	0-25,500 / 7,500	2-Speed	20	40 / 25	150	1.7 kg	•
HP332D	12V CXT	0-1,500 / 450	0-25,500 / 6,750	2-Speed	20	35 / 21	154	1.3 kg	•
HP333D	12V CAI	0-1,700 / 450	0-25,500 / 6,750	2-Speed	20	30 / 14	179	1.1 kg	-
HP0300	320W	0-1,500 / 0- 450	0-22,500 / 6,750	2-Speed	20	56 / 21	235	1.3 kg	-





#### **DA001G** 13mm

40V MAX | **€**X

#### **Cordless Angle Drill**



#### Powerful drilling even large diameter holes. High power similar to AC Angle drill.

- Front handle can be installed in any position within 0° 112.5°
- Built-in clutch reduces gear damage by automatically disengaging gears if the bit binds (low speed only)

  • Protects user's hand and batteries from hitting a material during operation

Steel: 13 mm
Wood (Self-Feed Bit) Hi: 65 mm   Wood (Self-Feed Bit) Lo: 118 mm
Wood (Hole Saw) Hi: 105 mm   Wood (Hole Saw) Lo: 159 mm
Wood (Auger-Bit): 50 mm
2 - 13 mm
High / Low: 0 - 1,500 / 0 - 400
High: 55 N⋅m   Low: 136 N⋅m
w/ BL4040: 545 x 128 x 199 mm
6.2 ka

Standard Equipment: Chuck Key, Hex Wrench, Side Grip

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
DA001G M2 INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRY CASE	DA001G Z TOOL ONLY (WITH PLASTIC CARRY CASE) (DOES NOT INCLUDE BATTERY / CHARGER)	

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

**DDA450** 13mm 18V | /LX7

#### **Cordless Angle Drill**

**DDA460** 13mm





18Vx2 /LX7

#### High Power Angle Drill - Powered by two 18V Li-ion batteries

• High performance 136Nm of max torque



Net weight

#### **Rotation handle**







Side handle Pressing Side handle against pillar provides stable work

MOVE SAID SAN LXT EL XPT ADT				
Capacity	Steel: 13 mm			
	Wood (Self-feed bit) : 118 mm			
	Wood (Hole saw ) : 159 mm			
No Load Speed (RPM)	High / Low: 0 - 1,400 / 0 - 350			
Vibration Level	Drilling Into Metal: 2.5 m/s² or less			
Dimensions (L x W x H)	538x128x223mm			

Standard Equipment: Chuck Key, Hex Wrench, Side Grip

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DDA460 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER AND CARRY CASE	DDA460 ZK TOOL ONLY (WITH CARRY CASE) (DOES NOT INCLUDE BATTERY / CHARGER)	

## **Cordless Angle Drill**





#### Compact and lightweight for increased maneuverability in various work postures and reduced user fatigue

- Faster drilling with High power and High torque brushless motor
- Mechanical 2-speed transmission drill large diameter holes in low speed mode
- Able to do drilling with 2 9/16" self-feed bit

# 

	· <u> </u>
Capacity	Steel: 13 mm (1/2")
	Wood (Self-Feed Bit) Hi: 50 mm (2") / Lo: 65 mm (2-9/16")
	Wood (Hole Saw) Hi: 101 mm (4") / Lo: 127 mm (5")
	Wood (Auger-Bit): 38 mm (1-1/2")
Chuck Capacity	2 - 13 mm (1/16 - 1/2")
No Load Speed (RPM)	High / Low: 0 - 1,400 / 0 - 450
Max Fastening Torque	High: 26 N·m / Low: 70 N·m
Dimensions (L x W x H)	434 x 82 x 179 mm
Net weight	2.8 kg (without battery)
	***************************************

**Standard Equipment:** Chuck Key, Chuck Key Holder, Side Grip, Hook, + Screw

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DDA450 RTE INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRY CASE	DDA450 ZK TOOL + PLASTIC CARRY CASE ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

DDA351 10mm

Cordless Angle Drill





18V | **LXT** 

#### Compact angle head with small head height.

- Original 4-pole motor for power, lightweight and compact size.
- LED job light with afterglow function.
- Ergonomically designed rubberized soft grip.
- Easy-to-operate large type (paddle type) switch trigger.
- Single sleeve keyless chuck enables easy bit installation / removal by one hand.

Capacity	Steel: 10mm (3/8")
	Wood: 25mm (1")
No load speed (rpm)	0-1,800
Dimensions (L x W x H)	326x79x115mm
Net weight	1.9kg

Standard Equipment: Side grip.

AVAILABLE VARIANTS		
3.0Ah	"Z" VARIANT	
DDA351 RFE INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRYING CASE	DDA351 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

**DA332D** 10mm

12V MAX | CXT

**Cordless Angle Drill** 





# Compact Angle Head Height & Center Height for Use in Close Quarters

- Up to 40% faster drilling and 380% longer runtime
- Slide style battery and improved ergonomic grip
- Part of the expanding 12V max CXT series, combining performance with superior ergonomics in a compact size
- Multi-contact terminals ensure stable contact with battery even under extreme vibration



Capacity	Steel: 10 mm / Wood: 12 mm /
No Load Speed (RPM)	0 - 1,100
Head Height	63 mm (2-1/2")
Center Height	23.5 mm (15/16")
Dimensions (L x W x H)	with BL1021B : 313x68x86 mm
Net weight	1.2kg

Standard Equipment: Bit, Belt Clip, Chuck Key, Chuck Key Holder

AVAILABLE VARIANTS		
2.0Ah	"Z" Version	
DA332D SAJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPACK CONNECTOR CASE	DA332D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DA4000LR 13mm
Angle Drill

# Easy to turn over, new angle attachment for quick High (0-900rpm) / Low (0-400rpm) speed change.

- Enhanced gears in angled attachment for heavy duty industrial use.
- Ergonomic soft grip for superior handling.

C) #2	303 ww

Continuous rating input	710W
Drilling capacities	Steel : 13mm (1/2")
	Wood (self-feed bit) Hi : 65mm (2-9/16")
	Wood (self-feed bit) Lo : 118mm (4-5/8")
	Wood (Hole saw) Hi : 114mm (4-1/2")
	Wood (Hole saw ) Lo : 152mm (6")
No load speed	Hi : 0-900rpm
	Lo : 0-400rpm
Overall length	413mm (16-1/4")
Net weight	4.0kg (8.9lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Angle Attachment, Chuck Key, Hex Wrench, Grip.

**DA3010** 10mm







#### Compact and light body weighs only 1.6kg (3.5 lbs)

- Only 66mm (2-5/8") in head height.
- With keyed chuck.

	<b>(2)</b>	419 <sub>W</sub>
(30)		

E 88 12 112 III	
Continuous rating input	450 W
Capacity	Steel : 10 mm (3/8")
	Wood : 25 mm (1")
No load speed	0 – 2,400 rpm
Overall length	270 mm (10-5/8")
Net weight	1.6 kg (3.5 lbs)
Power supply cord	2.5 m (8.2 ft.)

Standard Equipment: Chuck Key.

DRILLING / FIXING





<b>6010B</b> 10mm		-4
Drill		
		1
Very popular drill for • Features single speed swite		
<b>□</b> ₩ 64 m		
64 Mij Continuous rating input	305W	
Continuous rating input	Steel : 10 mm (3/8")	
Continuous rating input Capacity	Steel : 10 mm (3/8") Wood : 15 mm (5/8")	
Continuous rating input Capacity No load speed	Steel : 10 mm (3/8") Wood : 15 mm (5/8") 1,800 rpm	
Continuous rating input Capacity No load speed Overall length	Steel : 10 mm (3/8") Wood : 15 mm (5/8") 1,800 rpm 233 mm (9-1/4")	
<del></del>	Steel : 10 mm (3/8") Wood : 15 mm (5/8") 1,800 rpm	
Continuous rating input Capacity No load speed Overall length Net weight	Steel : 10 mm (3/8") Wood : 15 mm (5/8") 1,800 rpm 233 mm (9-1/4") 1.5 kg (3.5 lbs)	



CONCRETE DRILLING / DEMOLITION MIXING / STIRRING CUTTING (CONCRETE / METAL) GRINDING SANDING / POLISHING

> ROUTERS / PLANERS

MULTI-TOOL

SAWING

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

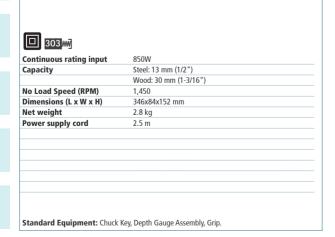
SPECIALTY TOOLS

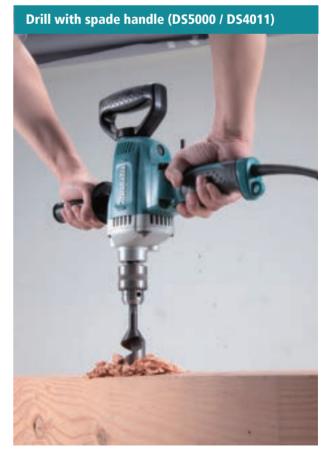
HAND TOOLS / COMBINATION SET

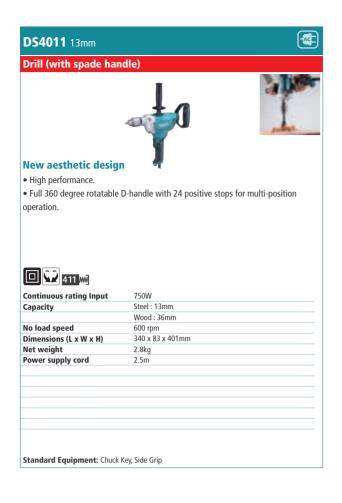
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



- Designed for installation on Type-43 drill stand.
- Double Insulated Construction











ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS Impact Drill

# HP1230 12mm Impact Drill

#### Aluminium gear housing provides high quality and toughness.

- Compact and lightweight design.
- 2 operation modes hammering with rotation and rotation only.
- Ergonomically designed handle with rubberized grip provides more control and comfort.
- Easy-to-operate large trigger switch and lock-on button.



Continuous rating Input	400W
Capacity	Brick / Masonry : 12mm (15/32")
	Steel : 10mm (3/8")
	Wood : 15mm (9/16")
Impacts per minute (ipm)	0 - 31,900
No load speed (rpm)	0 - 2,900
Dimensions	239 x 67 x 188mm
(L x W x H)	(9-3/8" x 2-5/8" x 7-3/8")
Net weight	1.6kg (3.6lbs)
Power supply cord	2.0m (6.6ft)

Standard Equipment: Chuck Key, Depth Gauge, Side Handle.

NAILERS / STAPLERS

HEAT GUN /

CLEANING

JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **NHP1320S** 13mm







#### A best seller worldwide due to amazing reliability.

• Upgraded, 13mm version of NHP1030.



Continuous rating input	430W
Capacity	Brick / Masonry : 13 mm (1/2")
	Steel : 13 mm (1/2")
	Wood : 18 mm (11/16")
Blows per minute	29,700 bpm
No load speed	2,700 rpm
Overall length	278 mm (10-7/8")
Net weight	1.7 kg (3.7 lbs)
Power supply cord	2 m (6.6 ft)

Standard Equipment: Chuck Key, Grip.

# **8419B2** 19mm







#### Industrial metal gear housing for durability and long tool life.

• Powerful 600W motor for Heavy-duty applications.



Continuous rating Input	600 W
Capacity	Brick / Masonry: 19 mm (3/4")
	Steel: 13 mm (1/2")
	Wood: 30 mm (1-3/16")
No load speed	Hi : 2,300 rpm
	Lo : 900 rpm
Blows per minute	Hi : 46,000
	Lo : 18,000
Overall length	350 mm (13-3/4")
Net weight	3 kg (6.6 lbs.)
Power supply cord	2.5 m (8.2 ft.)

Standard Equipment: Chuck Key, Grip Assembly, Depth Rod.

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL





# ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **HP1640** 16mm

#### Impact Drill



#### Dual purpose for "Rotation only" and "Rotation with hammering".

- New reversing system allows extended service life of carbon brush.
- No power reduction even in reverse rotation.
- In-line positive grip design maximizes power thrust.
- Large trigger switch for easy operation.



	110464614	110444401014	11046461010
pecifications:-	HP1640K	HP1640KX2	HP1640KX3
Continuous rating Input	680W	680W	680W
Capacity	Brick / Masonry: 16mm (5/8")	Brick / Masonry: 16mm (5/8")	Brick / Masonry: 16mm (5/8")
	Steel: 13mm (1/2")	Steel: 13mm (1/2")	Steel: 13mm (1/2")
	Wood: 30mm (1-3/16")	Wood: 30mm (1-3/16")	Wood: 30mm (1-3/16")
mpacts per minute	0-44,800 ipm	0-44,800 ipm	0-44,800 ipm
lo load speed	0-2,800 rpm	0-2,800 rpm	0-2,800 rpm
Dimensions (L x W x H)	303 x 72 x 222mm	303 x 72 x 222mm	303 x 72 x 222mm
let weight	2.0kg (4.4lbs)	2.0kg (4.4lbs)	2.0kg (4.4lbs)
ower supply cord	2.0m (6.6ft)	2.0m (6.6ft)	2.0m (6.6ft)
	(Only Tool)	Carry case with storage compartments	74pcs of drill set



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

PLANERS

#### FIXING

**HP2050** 20mm

2-Speed Impact Drill





#### Slender and compact body with durable metal gear housing.

- Extra-low vibration level for reduced operator fatigue.
- Dual purpose for "Rotation Only" and "Rotation with hammering".
- Built-in torque limiter stops bit rotation when hitting reinforcements.
- Industrial strength keyed chuck.
- Features a built-in LED job light.

# **□ \$2 \$2 \$ 1** 419 mi

Continuous rating input	/20W
Capacity	Brick / Masonry : 20mm (3/4")
	Steel Hi : 8mm (5/16")
	Steel Lo : 13mm (1/2")
	Wood Hi : 25mm (1")
	Wood Lo: 40mm (1-9/16")
Impacts per minute (ipm)	Hi: 0-58,000
	Lo : 0-24,000
No load speed (rpm)	Hi : 0-2,900
	Lo : 0-1,200
Overall length	362mm (14-1/4")
Net weight	2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

#### HP2010N 20mm



#### 2-Speed Impact Drill





#### Industrial metal gear housing for long lasting durability.

- Two speed gear change for ideal speed and power.
- Variable speed switch for easy starting of holes.
- Adjustable side handle for greater control.
- With reversible feature.



Continuous rating Input	750 W
Capacity	Brick / Masonry: 20 mm (3/4")
	Steel: 13 mm (1/2")
	Wood: 40 mm (1-9/16")
Blows per minute	Hi: 0 – 46,000
	Lo: 0 – 18,000
No load speed	Hi: 0 – 2,300 rpm
	Lo: 0 – 900 rpm
Overall length	350 mm (13-3/4")
Net weight	2.9 kg (6.4 lbs.)
Power supply cord	2.5 m (8.2 ft.)

Standard Equipment: Chuck Key, Grip Assembly, Depth Rod.

#### ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE



SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **HP2000** 20mm

2-Speed Impact Drill



Standard Equipment: Chuck Key, Grip Assembly, Depth Rod.



#### Industrial metal gear housing for long lasting durability.

- Fast and steady drilling with powerful 800W motor.
- Two gear ranges for high or low torque variable speed in both ranges for pinpointing hole positioning.

### 106 MM

Continuous rating Input	800 W
Capacity	Brick / Masonry: 20 mm (3/4")
	Steel: 13 mm (1/2")
	Wood: 40 mm (1-9/16")
No load speed	Hi: 0 – 2,300 rpm
	Lo: 0 – 900 rpm
Blows per minute	Hi: 0 – 46,000
	Lo: 0 – 18,000
Overall length	350 mm (13-3/4")
Net weight	3 kg (6.6 lbs.)
Power supply cord	2.5 m (8.2 ft.)

Standard Equipment: Chuck Key, Grip Assembly, Depth Rod.

#### **HP2070** 20mm





# High power in slender and compact body with durable metal gear housing (with keyless drill chuck).

- Dual purpose for "Rotation Only" and "Rotation with hammering".
- Built-in torque limiter stops bit rotation when hitting reinforcements.
- New reversing system allows: \*Extended service life of carbon brush, \*No power reduction even in reverse rotation



Continuous rating Input	1,010W
Capacity	Brick / Masonry: 20mm (3/4")
	Steel Hi : 8mm (5/16")
	Steel Lo : 16mm (5/8")
	Wood Hi : 25mm (1")
	Wood Lo : 40mm (1-9/16")
Impacts per minute (ipm)	Hi : 0-58,000
	Lo : 0-24,000
No load speed (rpm)	Hi : 0-2,900
	Lo : 0-1,200
Overall length	362mm (14-1/4")
Net weight	2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Side Grip, Depth Rod..

#### **DBM131** (Wet & Dry)



#### **Diamond Core Drill**

Lo Speed: 132mm (5-3/16") Hi Speed: 70mm (2-3/4") Wet & Dry





Heavy duty wet diamond core drill with powerful motor for shock-free and accurate drilling into concrete and natural stone.

• Electronic torque limitation, speed control and constant speed even under load.

<b>•</b> *2 S <u></u> •	EE7332022S WW
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Continuous rating Input	220V: 1,700W / 127V: 1,500W
Capacity	Concrete block (with diamond core bit): 132mm (5-3/16")
	Concrete (with diamond core bit): 70mm (2-3/4")
Tool holder	(Spindle): M18
No load speed	Hi : 0-2,300rpm
	Lo : 0-1100rpm
Net weight	6.1kg (13.4lbs)

Recommended to be used with stand (P-40082)

#### **DBM230**



#### **Diamond Core Drill**

Lo speed: 230mm (9.05") Hi speed: 60mm (2.36")





#### Heavy duty wet Diamond Core drill with a powerful 2,500W motor.

- With Overload protection; should the bit get jammed a clutch will slip and disengage the bit from the motor.
- LED light is provided to indicate overload
- Equipped with earth leakage breaker



Continuous rating Input	2,500 W
Capacity	Concrete block (with diamond core bit)
	Low: 230mm
	Med: 100mm
	Hi: 60mm
Tool holder	(Spindle): M18
No load speed	3rd : 1,700rpm
	2nd : 1,040rpm
	1st : 390rpm
Net weight	11.2kg (24.7lbs)

ALWAYS use the DBM230 with its Drill Stand Part No. P-54190.

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

## **Magnetic Drill**





NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**HB500** 50mm

### **HB350** 35mm **Magnetic Drill**





#### Compact and Lightweight magnetic drill, ideal for working in constrained or elevated spaces

- Magnetic base, drill stand, and drill machine all in one package system enables for easy setting.
- Powerful magnetic base supports stable and comfortable drilling work.
- Equipped with oil supply system for smooth drilling.



#### UD00EBD002

Continuous rating input	1,050W
Capacity (Steel)	35mm
Chuck Capacity (Solid bit size)	13mm
No Load Speed (RPM)	850
Magnetic Clamping force	8,000N
Dimensions (L x W x H)	225 x 195 x 490 mm
Net weight	11.6 kg

Standard Equipment: Small oil cup assembly and clip, Safety guard, Polyester safety strap, Allen keys., Carrying case,





#### Heavy duty magnetic drill.

- Magnetic base, drill stand, and drill machine all in one package system enables for easy setting.
- Powerful magnetic base supports stable and comfortable drilling work.
- Equipped with oil supply system for smooth drilling.

|--|

#### UD0EIB106C

Continuous rating input	1,150 W
Capacity (Steel)	50 mm
Chuck Capacity (Solid bit size)	16mm
No Load Speed (RPM)	350 / 650
Magnetic Clamping force	9,300N
Dimensions (L x W x H)	290 x 150 x 450 mm
Net weight	18,5 kg

Standard Equipment: Quick release arbor, Small oil cup assembly and clip, Carrying case, Safety guard, Polyester safety strap, Integral oil feed steady allen keys

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **Impact Driver** 



#### TD001G

40V XGT

#### **Cordless Impact Driver**

**One-touch 4-speed selector**Provides precise fastening control for a wide range of applications





#### **Efficient, Durable, Compact, Lightweight and Outstanding** High Power 220 N·m, excellent in continuous heavy-duty work

- 10 modes for various applications: Wood/Bolt (1, 2, 3) /T-Mode (1, 2) /Max / Hard /Medium / Soft mode
- New one-touch bit installation
- Constant speed control maintains fastening torque by preventing the rotation speed reduction caused by decreased battery capacity

Quick-change memory mode; allows operator to rapidly change between two registered setting

	40Vmax BL XPT
Capacity	Machine Screw: M4 - M8 (5/32" - 5/16")
	Standard Bolt: M5 - M16 (3/16" - 5/8")
	High Strength Bolt: M5 - M14 (3/16" - 9/16")
	Coarse thread : 22 - 125 mm (7/8" - 4-7/8")
Hex Shank	6.35 mm (1/4")
No Load Speed (RPM)	Max / Hard / Mid / Soft / Wood / Bolt (1) / Bolt (2) / Bolt (3) / T (1) / T (2) mode:
	- 3,700 / 3,200 / 2,100 / 1,100 / 1,800 / 2,500 / 3,700 / 3,700 / 2,400 / 3,700
Impacts Per Minute (IPM)	Max / Hard / Mid / Soft / Wood / Bolt (1) / Bolt (2) / Bolt (3) / / T (2) mode:
	0 - 4,400 / 3,600 / 2,600 / 1,100 / 4,400 / 4,400 / 4,400 / 2,600
Max Fastening Torque	220 Nm
Fastening Torque	Hard / Med / Soft: 170 / 50 / 20 N m
Dimensions (L x W x H)	120x86x250 mm
Net weight	1.0 kg (without battery)

AVAILABLE VARIANTS							
4.0Ah	"Z" VARIANT						
TD001G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	TD001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)						

#### 40V XGT



**TD002G** 



One-touch 4-speed selector Provides precise fastening control for a wide range of applications

#### **Efficient, Durable, Compact, Lightweight and Outstanding** High Power 220 N·m, excellent in continuous heavy-duty work

- Increased screw tightening speed
- 10 modes for various applications: Wood/Bolt (1, 2, 3) /T-Mode (1, 2) /Max / Hard /Medium / Soft mode
- New appearance design and new one-touch bit installation with reduced resistance
- Constant speed control maintains fastening torque by preventing the rotation speed reduction caused by decreased battery capacity

Quick-change memory mode; allows operator to rapidly change between two

registered setting	
	440Vinax BL XPT
Capacity	Machine screw: M4 - M8   Standard bolt: M5 - M16
	High strength bolt: M5 - M14   Steel: 22 mm
Hex Shank	6.35 mm (1/4")
No Load Speed (RPM)	Max:0 - 3,700 / H:0 - 3,200 / M:0 - 2,100 / S:0 - 1,100 / Wood:0 - 1,800
	/ Bolt (1):0 - 2,700 / Bolt (2):0 - 3,700 / Bolt (3):0 - 3,700 /
	T (1):0 - 2,900 /T (2):0 - 3,700
Impacts Per Minute (IPM)	Max:0 - 4,600 / H:0 - 3,600 / M:0 - 2,600 / S:0 - 1,400 / Wood:0 - 4,600
	/ Bolt (2):0 - 4,600 / Bolt (3):0 - 4,600 / T (2) mode:0 - 2,600
Max Fastening Torque	Hard / Mid / Soft: 170 / 50 / 20 N·m
Fastening Torque	220 N·m
Dimensions (L x W x H)	119 x 86 x 247 mm
Net weight	1 Oka (without hatton)

#### AVAILABLE VARIANTS

#### TD002G 7

#### **TD003G**



# Cordless Impact Drive





One-touch 4-speed selector Provides precise fastening control for a wide range of applications

#### Achieves a balance of effective fastening performance and cost-competitiveness

- High power 40Vmax XGT Li-lon battery reduces the current load on the controller, allowing for continuous heavy-duty operation
- Aluminum hammer case + Black bumper
- Impact power selection:
- 4 modes (Max/ Hard/ Med./ Soft for bolt)
- 1 T-mode (for thin metal only)

Quick-change memory mode; allows operator to rapidly change between two

#### SO WA TO A COVER BL XPT

Capacity	Machine Screw: M4 - M8 (5/32" - 5/16")
	Standard Bolt: M5 - M16 (3/16" - 5/8")
	High Strength Bolt: M5 - M14 (3/16" - 9/16")
	Coarse thread: 22 - 125 mm (7/8" - 4-7/8")
Hex Shank	6.35 mm (1/4")
No Load Speed (RPM)	Max / H / M / S: 0 - 3,700 / 3,200 / 2,100 / 1,100 T mode:0 - 2,400
Impacts Per Minute (IPM)	Max / H / M / S:: 0 - 4,100 / 3,600 / 2,600 / 1,100
Max Fastening Torque	210 Nm
Fastening Torque	Hard / Med / Soft: 170 / 50 / 20 N m
Dimensions (L x W x H)	121 x 86 x 245 mm
Net weight	1.0 kg (without battery)

AVAILABLE VARIANTS						
2.0Ah	"Z" VARIANT					
TD003G A2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	TD001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)					

#### **Cordless Impact Driver**







#### Ultra compact & Higher efficiency achieved by using BL motor

- Tool head slimmer enables easier screwdriving in tight corners or confined spaces
- Electronic 4-stage impact power selection + 4x Assist Modes
- 4x Assist Mode Variations: Wood mode, T-mode for thick metal plate, T-mode for thin metal plate and Bolt Mode
- Quick mode switching function with memory function

Machine screw :	M4 - M8 (5/32 - 5/16")
Standard bolt :	M5 - M16 (3/16 - 5/8")
High tensile bolt :	M5 - M14 (3/16 - 9/16")
Coarse thread (in length):	22 - 125 mm (7/8 - 4-7/8")
Hex Shank	6.35 mm (1/4")
Impacts Per Minute (ipm)	Max / Hard / Mid / Soft / Wood / Bolt / T (1) / T (2) mode
	: 0 - 3,600 / 3,200 / 2,100 / 1,100 / 1,800 / 3,600 / 2,900 / 3,600
No Load Speed (rpm)	Max / Hard / Mid / Soft / Wood / Bolt / T (2) mode
	: 0 - 3,800 / 3,600 / 2,600 / 1,100 / 3,800 / 3,800 / 2,600
Max tightening torque	180 N⋅m
Max fastening torque	Hard / Mid / Soft: 170 / 50 / 20 N·m
Dimensions (L x W x H)	114 x 81 x 236 mm
Net weight	0.82 kg (without battery)

Standard Equipments: Belt Clip

AVAILABLE VARIANTS								
5.0Ah	3.0Ah	"Z" VARIANT						
DTD172 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTD172 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTD172 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)						

**DTD153** 18V | /LXT

#### **Cordless Impact Driver**





CONCRETE DRILLING / DEMOLITION

DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

#### **Compact and lightweight design**

- High performance with newly developed Brushless DC motor.
- Aluminum hammer case creates the impression of rigidity of the machine
- Dual LED lights with preglow / afterglow functions illuminate the work area

(18V) LX1	5	ź	7	5	3	2	) I	R	1	Z	7	P	1	/	7

Machine screw :	M4 - M8 (5/32" - 5/16")
Standard bolt :	M5 - M16 (3/16" - 5/8")
High tensile bolt :	M5 - M14 (3/16" - 9/16")
Coarse thread (in length):	22 - 125 mm (7/8" - 4-7/8")
Hex Shank	6.35 mm (1/4")
No load speed (rpm)	0 - 3,400
Impacts per minute (ipm)	0 - 3,600
Max. fastening torque	170 N m
Dimensions (L x W x H)	126x79x238 mm
Net Weight	0.82 kg (without battery)

Standard Equipments: Belt Clip

AVAILABLE VARIANTS							
5.0Ah	3.0Ah	"Z" VARIANT					
DTD153 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTD153 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTD153 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRY CASE)					

#### **DTP141** 18V | /LXT

#### **Cordless Impact Driver (4 Mode)**





#### More compact design achieved by using BL motor and electronic clutch mechanism.

- 4 Operation modes and Teks screw mode selection.
- Electronic Clutch Mechanism provides expanded torque range.
- Easier mode selection and higher durability of the selection mechanism.

	(RAKE)	<b>(2)</b>	₹2	73	(9)	ĪD	18V	LXT	B/ MOTOR
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	) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Capacity	Steel: 10mm, Wood: 21mm Masonry: 8mm
Impacts per minute (ipm)	Impact-driver mode (Hard/Medium/Soft):
	0-3,200/0-2,400/0-1,200
	Hammer drill mode (Hi/Lo): 0-32,400/0-8,400
No load speed (rpm)	Impact-driver mode (Hard/Medium/Soft):
	0-2,700/0-2,200/0-1,300
	Drill mode (Hi / Lo) : 0-2,700 / 0-700
	Hammer drill mode (Hi / Lo) : 0-2,700 / 0-700
	Screwdriver mode (Hi / Lo) : 0-1,100 / 0-300
Max. fastening torque	Impact-driver mode: 150N.m
	<b>Drill mode</b> : 22 / 13N.m
Dimensions (L x W x H)	171 x 79 x 250mm
Net Weight	1.1kg (without battery)

AVAILABLE VARIANTS		
3.0Ah	"Z" VARIANT	
DTP141 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTP141 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )	

**DTS141** 18V | **ZX** 

#### **Cordless Oil-Pulse Driver**





HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### More compact and lightweight thanks to the newly-developed oil unit and brushless motor

- Incredibly low noise operation thanks to the impact mechanism using oil unit
- instead of anvil and hammer.

  "T" mode: Tightening mode for self-drilling screw and bolts.

  With the cooling system for oil unit, capable of long continuous operation.
- Using newly-developed Oil Unit as an impact mechanism instead of anvil and hammer, operation noise has been greatly reduced compared with cordless impact driver

	(18V LXT BL XPT	SOFT
Canacity	Machine screw : MA - M8 (5	/32" - 5/1

Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M8 (3/16" - 5/16")
	High strength bolt : M5 - M6 (3/16" - 1/4")
	Coarse thread (in length): 22 - 125mm (7/8" - 4-7/8")
Impacts per minute (ipm)	Hard :0-2,700 Medium :0-2,200 Soft :0-1,400
No load speed (rpm)	Hard :0-3,200 Medium :0-2,000 Soft :0-1,200
Max fastening torque	40N m
Dimensions (L x W x H)	136x79x240mm
Net weight	0.82kg (without battery)

AVAILABLE VARIANTS		
5.0Ah	3.0Ah	"Z" VARIANT
DTS141 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTS141 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTS141 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

TD112D 1/4"

**Cordless Impact Driver** 





12V MAX | CXT

#### High power in compact design

- Enhanced impact mechanism achieved by enlarging the dia of spindle and anvil
- Anvil wobbling is minimized by using two ball bearings as a new anvil holder
- Auto-stop system; Indication lamp warns battery power reduction
- 2-mode operation: Hard mode / Soft mode for multiple applications
- A-mode feature helps eliminate "screw cam-out" and "cross threading" by driving at low speed until tightening begins

(A) (ED) (2)	12V/max 144441114419559	CXT	BL
Capacity		High Streng	ath Bolt: M5 -

Capacity	High Strength Bolt: M5 - M12
	Standard Bolt: M5 - M14
Hex Shank	6.35 mm (1/4")
Center Height	25 mm
Impacts Per Minute (IPM)	Hard / Soft: 0 - 3,900 / 0 - 3,300
No Load Speed (RPM)	Hard / Soft: 0 - 3,000 / 0 - 2,000
Max Fastening Torque	Hard / Soft: 135 / 80 N⋅m
Dimensions (L x W x H)	145 x 52 x 195 mm
Net weight	0.82 kg (without Battery)

Standard Equipment: Belt clip AVAII ARI F VARIANTS

"Z" Version		
TD112DN Z		
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)		

TD111D 1/4"

12V MAX | (CXT)

Cordless Impact Driver





#### Equipped with brushless motor and impact power selection has High/low also with A mode (Assist mode)

- Best possible ergonomic handle for screwdriving applications
- Modified motor delivers higher maximum torque
- Battery protection circuit is activated on high battery temperature to protect the battery from damages due to overdischarge, high temperature or overload current.



Capacity	Machine Screw: M4 - M8 mm (5/32 - 5/16")
	Standard Bolt: M5 - M14 (3/16 - 9/16")
	High Strength Bolt: M5 - M12 (3/16 - 1/2")
	Coarse thread (in length) : 22 - 90 mm (7/8 - 3-1/2")
Hex Shank	6.35 mm (1/4")
No Load Speed (RPM)	0 - 3,000 / 0 - 1,300
Impacts Per Minute (IPM)	0 - 3,900 / 0 - 1,600
Max Fastening Torque	135 N⋅m
Dimensions (L x W x H)	135 x 66 x 210 mm
Net weight	0.72kg (without Battery)

Standard Equipment: Belt clip

4.0Ah 2.0Ah "Z" Version				
TD111D WME INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	TD111D WAE INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	TD111D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)		

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM TD0101 1/4"





#### Compact design for perfect handling.

- Externally accessible carbon brush.
- No harm to the wrist when a screw is seated.
- Enables to drive screws even without pre-drilling pilot holes.

411 MĀ

Continuous rating Input	230W
Capacity	Machine screw : M4 - M8 (5/32" - 5/16")
	Standard bolt : M5 - M14 (3/16" - 9/16")
	High tensile bolt : M5 - M10 (3/16" - 3/8")
	Coarse thread (in length): 22 - 90mm (7/8" - 3-1/2")
Driving shank (Hex)	6.35mm (1/4")
Impacts per minute (ipm)	0-3,200
No load speed (rpm)	0-3,600
Max. fastening torque	100N.m (885in.lbs)
Dimensions	184 x 67 x 192mm
(L x W x H)	(7-1/4" x 2-5/8" x 7-9/16")
Net weight	0.99kg (2.2lbs)
Power supply cord	2.5m (8.2ft)

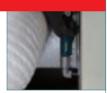
Standard Equipment: Phillips bit.

TL064D 1/4"

12V MAX | (CXT)

Cordless Angle Impact Driver





#### Compact & lightweight right angle impact driver for fastening and loosening in tight spaces

- Variable speed for a range of applications from auto repair to cabinet installation
- Large conveniently located paddle switch for comfortable operation
- Over one foot of tool extension for extra reach into deep tight spaces

RAKE WED CXT

Capacity	Machine Screw: M4 - M8 (5/32" - 5/16")
	Standard Bolt: M4 - M12 (5/32" - 1/2")
	High Tensile Bolt: M4 - M8 (5/32" - 5/16")
	Coarse thread (in length): 22 - 75 mm (7/8" - 2-31/32")
Hex Shank	6.35 mm (1/4")
No Load Speed (RPM)	0 - 2,000
Impacts Per Minute (IPM)	0 - 3,000
Max Fastening Torque	60 N m
Dimensions (L x W x H)	361x66x86 mm
Net weight	1.6kg

Standard Equipment: Belt clip

AVAILABLE VARIANTS

TI 064D 7

(DOES NOT INCLUDE BATTERY ( CHARGER OR CARRY CASE)



# Compact and lightweight design with precision control and high fastening torque

- Comfortable grip design operates in straight or pistol grip positions
- Can be also used as a hand driver
- Multi-function variable speed rotary switch allows operator to adjust driving speed and direction simultaneously for precise fastening applications
- Adjustable handle with enhanced hinge mechanism for operational versatility
- Electric brake for maximum productivity and increased operator safety
- Lock button prevents accidental startup

Capacity	Machine Screw: M3 - M8 (1/8" - 5/16")
	Standard Bolt: M3 - M8 (1/8" - 5/16")
	High Tensile Bolt: M3 - M6 (1/8" - 1/4")
	Coarse thread (in length): 22 - 45 mm (7/8" - 1-3/4")
Hex Shank	6.35 mm (1/4")
No Load Speed (RPM)	0 - 2,450
Impacts Per Minute (IPM)	0 - 3,000
Max Fastening Torque	25 N m (220 in.lbs.)
Dimensions (L x W x H)	Straight Style: 282x42x52 mm
	Pistol Style: 227x42x142 mm
Net weight	0.52 kg

Standard Equipment: Holster, Bit set, 2pcs 7.2V 1.5Ah Batteries, Charger

TD001G / 2G

TD003G

40 Vinax XSI

**Comparison Chart - Cordless Impact Driver** 



DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

TD002D

7.2V

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

High	 220 N.m	210 N.m						
SUE			180	N.m				
FASTENING TORQUE					170 N.m			
STENIN								
F.A	 					135 N.m	135 N.m	
Low	 	183			189		788 1000	25 <mark>N.</mark> m

DTD153

TD112D

TD111D

(12Vmax CXT

DTD172

(18V)

Model No.	No load speed (rpm)	Electronic Speed	Max. fastening torque (N·m)	Overall length (mm)	Net weight (kg)	BL motor
Cordless Impact Driver		Specia	torque (ir iii)	()		
TD002G	0 - 3,700 / 3,200 / 2,100 / 1,100	4-Speed	220	119	1.0 kg	•
TD001G	0 - 3,700 / 3,200 / 2,100 / 1,100	4-Speed	220	120	1.0 kg	•
TD003G	0 - 3,700 / 3,200 / 2,100 / 1,100	4-Speed	210	121	1.0 kg	•
DTD172	0 - 3,600 / 3,200 / 2,100 / 1,100	4-Speed	180	114	0.82 kg	•
DTD153	0 - 3,400	-	170	126	0.82 kg	•
TD112D	0 - 3,000 / 0 - 2,000	2-Speed	135	145	0.82 kg	•
TD111D	0 - 3,000 / 1,300	2-Speed	135	135	0.72 kg	•
TD022D	0 - 2,450	-	25	227	0.52 kg	-
ordless 4 Mode Impact Driver						
DTP141	0 - 2,700 / 2,200 / 1,300	3-Speed	150	171	1.1kg	•
Cordless Oil-Pulse Driver						
DTS141	0 - 3,200 / 2,000 / 1,200	3-Speed	40	136	0.82 kg	•

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **Screwdrivers** 



DFS452 18V | *[LXT*]

#### **Cordless Screwdriver**





#### Ultra-high efficiency comparable to AC screwdrivers

- Push Drive Technology in lock-on mode the motor starts only when the fastener is engaged for a quieter work environment and to save battery power
- BL motor for better performance
- eXtreme Protection Technology (XPT) is engineered for improved dust and water resistance for operation in harsh conditions



Capacity	Self-Drilling Screw: 6 mm (1/4")
	Drywall Screw: 5 mm (3/16")
Driving Shank (Hex)	6.35 mm (1/4")
No Load Speed (RPM)	0 - 4,000
Vibration Level	Screwdriving w/o Impact: 2.5 m/s² or less
Sound Pressure Level	72 dB(A)
Dimensions (L x W x H)	251x79x259 mm (10"x3-1/8"x11-1/4")
Net weight	1.8 kg

Standard Equipment: 1 Phillips Bit + Magnetic connect Bit.

AVAILABLE VARIANTS				
5.0Ah	3.0Ah	"Z" VARIANT		
DFS452 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DFS452 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DFS452 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)		

DFS250 18V | **LXT** 

#### **Cordless Screwdriver**





#### Ultra-high efficiency comparable to AC screwdrivers

- High torque ideal for decking applications
- Push Drive Technology in lock-on mode the motor starts only when the fastener is engaged for a quieter work environment and to save battery power
- BL motor for better performance



Capacity	Coarse Thread: 4.5 x 90 mm (3/16" x 3-1/2")
	Drywall Screw: 5 mm (3/16")
	Self-Drilling Screw: 6 mm (1/4")
Driving Shank (Hex)	6.35 mm (1/4")
No Load Speed (RPM)	0 - 2,500
Vibration Level	Screwdriving w/o Impact: 2.5 m/s² or less
Sound Pressure Level	72 dB(A)
Dimensions (L x W x H)	259x79x259 mm
Net weight	1.9 kg
Standard Equipment: 1 Phillips	Bit + Magnetic connect Bit.

5.0Ah	3.0Ah	"Z" VARIANT
		DFS250 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DF001DW 3.6V

#### 3.6V In-Built Lithium-ion Cordless Screwdriver





#### **Ultra-lightweight and compact Screwdriver**

- Convenient in a narrow space
- Operates in straight or pistol grip positions for comfortable operation
- Work amount is about 1.4 times as large as 6723DW
- Built-in LED job light with independent on/of switch
- On/off switch with forward and reverse modes
- Powered by a built-in rechargeable battery
- Includes Micro USB type AC adapter



Fastening Capacities	Wood Screw: ø3.8 x 32 mm
No Load Speed (RPM)	220
Max Fastening Torque	Hard / Soft: 4.0 / 3.0 N m
Charging Time (hours)	3 - 5
Dimensions (L x W x H)	Straight style: 287x47x51mm
	Pistol style: 205x47x51mm
Net weight	0.36 kg
<del>-</del>	

Standard Equipment: Bit set (81 pcs), Charger, USB Cable

#### **Includes 81pcs Bit Set**

- **Magnetic bit:** 1pc
- Philips Bits: PH1 5pcs, PH0 5pcs
- 6 Philips: PH1- 1pc, PH2 6pcs. PH3 3pcs
- Philips: PH3 2Pcs, Pozi: PZO - 1pc, PZ1 - 2pcs, PZ2 - 2pcs, PZ3 x 1pc Hex: H2 - 2Pcs
- 6 Hex: H2.5 2Pcs, H3 2Pcs, H4 2Pcs, H5 2Pcs, H6 2Pcs
- 6 Slotted: 1.2x 6.5 2pcs **Square:** SQ0 – 1pc, SQ1 – 2pcs, SQ2 – 2pcs, SQ2 – 1pc
- Magnetic Nut Setter: 6pcs 10mm, 9mm, 8mm, 7mm, 6mm, 5mm Philips 3pcs: PH3, PH2, PH1 Slotted 3pcs: 1.2X6.5, 0.8X5.5, 0.5X4.0
- Slotted: 1.2x 6.5 2pcs **Square:** SQ0 – 1pc, SQ1 – 2pcs, SQ2 – 2pcs, SQ2 – 1pc
- © Slotted 10pcs: 0.5x3 2pcs, 0.5x4 2pcs, 0.6x4.5 2pcs, 0.8x5.5 2pcs, 1.0x5.5 2pcs

#### **In-built Battery with Controller**

Part no: 620693-3

**USB Cable** 

Part no: 661750-8

#### **AC Adapter ADP07 with** micro USB Port

Part no: 2pin - 198363-7 Part no: 3pin - 198369-5

Charging time: 3 to 5 hours





CUTTING (CONCRETE / METAL)

MIXING /

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

FS2500 **Screwdriver** 





#### Best possible tool body for screwdriving.

- Easy connect bit allows for quick bit change without using pliers.
- One touch locator, durable belt clip.
- A fully adjustable nose piece
- Can be used with self-drilling Tek screws
- Ideal for for roofing, façade, cladding and warehousing works



Standard Equipment: Magnetic Socket Bit

Continuous rating Input	570W
Capacity	Drywall screw : 5mm (3/16")
	Self drilling screw : 6mm (1/4")
Max Fastening Torque	29 N.m
Driving shank (Hex)	6.35mm (1/4")
No load speed (rpm)	0-2,500
Dimensions	280 x 70 x 207mm
(L x W x H)	(11" x 2-3/4" x 8-1/8")
Net weight	1.5kg (3.4lbs)
Power supply cord	2.5m (8.2ft)

FS2700



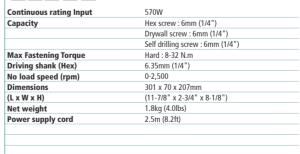




#### 6 Stage torque adjustment for a wide range of applications.

- Best possible tool body for screwdriving.
- Easy to bring pressure in line with center of driving bit axis.
- Bit holder is provided.
- LED job light convenient for operation in dark job sites.
- Durable belt clip.





NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

Capacity

Dimensions

(L x W x H)

Net weight

Driving shank (Hex)

Power supply cord

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

-AC FS4300 **Drywall Screwdriver** Continuous rating Input 570W Drywall screw : 5mm (3/16") Self drilling screw : 6mm (1/4") Max Fastening Torque Hard: 16Nm 6.35mm (1/4") No load speed (rpm) 0-4,000 279 x 65 x 207mm (11" x 2-9/16" x 8-1/8") 1.4kg (3.1lbs)

2.5m (8.2ft)

419 M



FS2300



	ے
Drywall Screwdrive	er
570W	
Drywall screw : 4mm (5/32")	
=	
Hard : 11N.m	
6.35mm (1/4")	
0-6,000	
279 x 65 x 207mm	
(11" x 2-9/16" x 8-1/8")	
1.4kg (3.1lbs)	
2.5m (8.2ft)	
	570W Drywall screw : 4mm (5/32") - Hard : 11N.m 6.35mm (1/4") 0-6,000 279 x 65 x 207mm (11" x 2-9/16" x 8-1/8") 1.4kg (3.1lbs)

#### Silent clutch for quiet operation

- Best possible tool body for screwdriving.
- Easy to bring pressure in line with center of driving bit axis.
- Bit holder and locator holder are provided.
- One touch locator, Durable belt clip.

Standard Equipment: Phillips Insert Bit (2pcs), Magnetic Bit Holder









NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM 6821







- In-line design handle for maximum power thrust.
- Low noise level for quieter operation.
- Adjustable depth locator for consistent screw depth.
- Large variable speed trigger.



Continuous rating input	570 W
Capacities	Drywall screw : 5 mm (3/16")
	Self drilling screw : 6 mm
	(1/4")
	Driving Shank (Hex) : 6 mm (1/4")
No load speed	0 – 4,000 rpm
Overall length	273 mm (10-3/4")
Net weight	1.3 kg (2.9 lbs)
Power supply cord	2.0 m (6.6 ft.)

Standard Equipment: Phillips Insert Bit (2pcs), Magnetic Bit Holder

#### **DFR551**

**Cordless Auto Feed Screwdriver** 





18V | **LXT** 

#### One-touch casing attachment/removal reduces the trouble of reversing and replacing a bit

- Screw feeding mechanism redesigned to improve durability and reduce screw fall
- Ergonomically designed handle with soft grip.
- Push drive technology
- Reverse switch operable by one hand.



Screw Strip	4 x 25 - 55 mm
Driving Shank (Hex)	6.35 mm (1/4")
No Load Speed (RPM)	0 - 6,000
Dimensions (L x W x H)	396 x 88 x 165 - 211 mm
Net weight	1.5 kg (without battery)

Standard Equipment: Phillips Bit x3, Belt Clip,

	AVAILABLE VARIANTS	
5.0Ah	3.0Ah	"Z" VARIANT
-	-	DFR551 ZJ TOOL + CARRY CASE ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### **Cordless Auto Feed Screwdriver**





#### More reliable sturdy aluminium casing attachment

- Stopper base provides anti-tilt device for preventing screws from swaying.
- Silent clutch features high durability.
- Screw guide designed to prevent collated screw strip from getting tangled.
- Reverse switch operable by one hand.



Capacity	Drywall screw : 4x25 - 55mm
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,000
Dimensions (L x W x H)	424x80x238mm
Net weight	2.4kg (without battery)

Standard Equipment: Phillips bit.

AVAILABLE VARIANTS	
3.0Ah	"Z" VARIANT
DFR550 RFE INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CASE	DFR550 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### 6842



#### **Auto Feed Screwdriver**





#### Drives screws quickly with very little effort.

- Offers a more rigid aluminum casing with a stopper base.
- Anti tilt device to prevent the screws from swaying.
- More Reliable Casing Attachment.
- New Silent Clutch, ensures high operation efficiency with direct drive transmission in reverse rotation.



Continuous rating Input	470W
Capacity	Drywall screw: 4x25 - 55mm (5/32"x1" - 2-3/16")
Bit size	Hex Shank : 6.35mm (1/4")
No load speed (rpm)	4,700
Dimensions (L x W x H)	400x75x243mm (15-3/4"x2-15/16"x9-9/16")
Net weight	2.0kg (4.4lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Phillips bit, Belt clip, Thumb screw

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **DRV150** 18V | **LXT**

#### **Cordless Rivet Gun**





#### **Cordless Li-ion Rivet Gun with Brushless Motor**

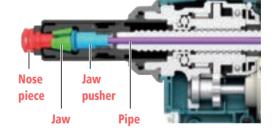
- Pulls rivets with diameters of 2.4mm, 3.2mm, 4.0mm and 4.8mm
- Fastens Ø4.8 Ø2.4 Blind Rivets
- Transparent mandrel container catches mandrel's for easy disposal
- Maximum pulling force 10kN
- Rivet retaining mechanism holds rivet in the nose cone
- Compact center height for increased maneuverability against a wall



MOTOR	
Max pulling force	10 kN
Length of Stroke	25 mm (1")
Dimensions (L x W x H)	310x80x287 mm
Net weight	2.2 kg

Standard Equipment: Belt Clip

AVAILABLE VARIANTS		
5.0Ah	3.0Ah	"Z" VARIANT
	DRV150 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CASE	DRV150 ZJ TOOL ONLY (WITH MAKPAC CASE) (DOES NOT INCLUDE BATTERY / CHARGER)





Nose piece





Jaw	pusher	

Pipe

Rivet Size	Ø2.4 mm	Ø3.2 mm	Ø4.0 mm	Ø4.8 mm
Mandrel diameter: mm	Ø1.4 mm - 1.6 mm	Ø1.8 mm - 2.1 mm	Ø2.2 mm - 2.6 mm	Ø2.6 mm - 3.2 mm
Nose piece   Jaw pusher Size	Ø2.4 mm	Ø3.2 mm	Ø4.0 mm	Ø4.8 mm
Part No (with pipe)	1911U6-3	1911U4-7	1911U1-3	1911T9-0 <b>=</b>
Jaw (3pcs set) Size - Part No.	4.8 mm - <b>199731-7</b>			

Grease set (5g) Molybdenum disulfide grease 191D57-7



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

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MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **Impact Wrench** 



#### TW001G 3/4"

40V MAX | (XS)

#### **Cordless Impact Wrench**



#### Nut buster Impact Wrench with over 2030N.m Torque

- Reverse Rotation Auto Stop Mode stops fter the bolt/nut loosened enough
   Single speed mode for reduced trigger-pulling force

#### **Electronic 4 stage impact power selection Full Speed Mode**

Switches between variable and full speed by pressing the button. Reaches full speed with fewer pull trigger to minimize user's fatigue in continuous work



SO CO A ED (40Vmx BL XPT

Fastening Capacities	Standard Bolt: M12 - M36
	High Strength Bolt: M10 - M27
Square Drive	19 mm (3/4")
No Load Speed (RPM)	Max /H/M/S: 0 - 1.800 / 0 - 1.400 / 0 - 1.150 / 0 - 950
Impacts Per Minute (IPM)	Max /H/M/S: 0 - 2,500 / 0 - 2,400 / 0 - 2,200 / 0 - 1,900
Max Fastening Torque	1.800 Nm
Dimensions (L x W x H)	217x94x303 mm
Net weight	3.2 kg. (without battery)

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
TW001G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	TW001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

#### 40V MAX | **X**

# **Cordless Impact Wrench**

TW008G 1/2"





#### Nut buster Impact Wrench with over 1,100N.m Torque

- Reverse Rotation Auto Stop Mode stops fter the bolt/nut loosened enough
- Single speed mode for reduced trigger-pulling force

#### **Electronic 4 stage impact power selection Full Speed Mode**

Switches between variable and full speed by pressing the button. Reaches full speed with fewer pull trigger to minimize user's fatigue in continuous work

# SE CO 4 ID 440Vmax BL XPT

TW008G M2 INCLUDES 2 BATTERIES / 1 CHARGER / CONNECTOR CASE

Fastening Capacities	Standard Bolt: M10 - M24
	High Strength Bolt (Grade 10.9) : M10 - M16
	High Strength Bolt (Grade F10T) : M12, M16
Square Drive	12.7 mm (1/2")
No Load Speed (RPM)	Max / Hard / Mid / Soft: 0 -2,900 / 2,700 / 1,900 / 1,200
Impacts Per Minute (IPM)	Max / Hard / Mid / Soft: 0 -2,300 / 1,900 / 1,200 / 600
Max Fastening Torque	760 N·m
Dimensions (L x W x H)	170 x 86 x 291 mm
Net weight	2.0 kg (without battery)

AVAILABLE VARIANTS	
	"Z" VARIANT
MAKPAC	TW008G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

#### TW005G 1/2"

40V MAX | **X** 



#### **Cordless Impact Wrench**







#### **Nut buster Impact Wrench with over 630N.m Torque**

- Reverse Rotation Auto Stop Mode stops fter the bolt/nut loosened enough
- Single speed mode for reduced trigger-pulling force

#### **Electronic 4 stage impact power selection**

#### **Full Speed Mode**

Switches between variable and full speed by pressing the button. Reaches full speed with fewer pull trigger to minimize user's fatigue in continuous work

CAOVIII SE XPT
Standard Bolt: M10 - M20
High Strength Bolt: M10 - M16
12.7 (1/2)
Max /H/M/S: 0 - 3,200 / 0 - 2,600 / 0 - 1,800 / 0 - 1,000
Max /H/M/S: 0 - 4,000 / 0 - 3,400 / 0 - 2,600 / 0 - 1,800
350 Nm
144x86x248 mm
1.2 kg (without battery)

AVAILABLE V	ARIANTS
4.0Ah	"Z" VARIANT
TW005G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	TW005G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

#### **DTW1001** 3/4" (19mm)

#### **Cordless Impact Wrench**





#### **Excellent Performance as powerful as AC model with** highly enhanced Brushless DC motor deliver 1,050N.m torque.

- Twin LED job light with preglow and afterglow functions
- Hammer case securely fastened with four bolts
- Variable speed control by trigger
- Easy-to-operate, push button type F/R change switch
- Best possible ergonomic handle



Fastening Capacities	Standard Bolt: M12 - M30 (1/2" - 1-1/4")
	High Tensile Bolt: M10 - M24 (3/8" - 1")
Square Drive	19 mm (3/4")
No Load Speed (RPM)	Hard / Medium / Soft: 0 - 1,800 / 0 - 1,000 / 0 - 900
Impacts Per Minute (IPM)	Hard / Medium / Soft: 0 - 2,200 / 0 - 2,000 / 0 - 1,800
Max Fastening Torque	1,050 N m
Dimensions (L x W x H)	229x91x289 mm
Net weight	3.0 kg (without battery)

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DTW1001 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTW1001 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### **DTW701** 1/2" (12.7mm)

18V | <u>// X7</u>

#### **Cordless Impact Wrench**





Pin detent

18V | /LXT

#### **High Performance with Brushless Motor**

- Features a forward and reverse automatic stop function, with 6 modes optimised for fastening applications
- A maximum tightening torque of 700 N.m
- Compact design with a short overall length of 170 mm
- Electronic 4 stage impact power selection
- Unique rubber joint suppress vibration to battery terminals



Fastening Capacities	Standard Bolt: M10 - M24
	High Tensile Bolt: M10 - M16
Square Drive	12.7 mm (1/2")
No Load Speed (RPM)	0 - 2,200 / 0-1,900 / 0-1,200 / 0-500
Impacts Per Minute (IPM)	0-2,700 / 0-2,400ipm / 0-1,700 / 0-1,000
Max Fastening Torque	700 N m
Dimensions (L x W x H)	170 X 81 X 276 mm
Net weight	2.0 kg (without battery)

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DTW701 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTW701 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### DTW300 1/2" (12.7mm)

#### **Cordless Impact Wrench**





#### **High Performance with Brushless Motor**

- Features a forward and reverse automatic stop function, with 6 modes optimised for fastening applications
- A maximum tightening torque of 330 N.m
- Compact design with a short overall length of 144 mm
- Electronic 4 stage impact power selection



MA CA ED (18V LXT BL XPT
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Fastening Capacities	Standard Bolt: M10 - M20	
	High Strength Bolt: M10 - M16	
Square Drive	12.7 mm (1/2")	
No Load Speed (RPM)	0 - 3,200 / 2,600 / 1,800 / 1,000	
Impacts Per Minute (IPM)	0 - 4,000 / 3,400 / 2,600 / 1,800	
Max Fastening Torque	330 N m	
Dimensions (L x W x H)	144x81x246 mm	
Net weight	1.1 kg (without battery)	

AVAILABLE \	/ARIANTS
5.0Ah	"Z" VARIANT
DTW300 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTW300 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

**DTW181** 1/2" (12.7mm) **Cordless Impact Wrench** 

#### Ultra-compact and ergonomic design with Brushless motor

- Reverse Rotation Auto Stop Mode Stops Rotation and Impact in 0.2 Seconds when Fastener Is Loosened Adequately to Prevent Bolt/Nut Get Lost
- A maximum tightening torque of 210 N.m
- Compact design with a short overall length of 151 mm
- Electronic 3 stage impact power selection.

	7
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Capacity	Standard bolt : M8 - M16 (5/16" - 5/8")
	High strength bolt : M16 - M12 (1/4" - 1/2")
	Square drive : 12.7mm (1/2")
Impacts per minute (ipm)	Hard: 0 - 3,600 / Soft: 0 - 2,000
No load speed (rpm)	Hard: 0 - 2,400 / Soft: 0 - 1,300
Max fastening torque	210N m
Dimensions (L x W x H)	151x79x235mm
Net weight	0.82 kg (without battery)

AVAILAB	LE VARIANTS
5.0Ah	"Z" VARIANT
DTW181 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DTW181 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

12V MAX | (CXT) TW161D 1/2"

#### **Cordless Impact Wrench**



Ultra compact design. High power impact wrench and Ideal for working in tight spaces and overhead applications

- Brushless Motor delivers 165N-m Maximum fastening torque
- Reverse rotation auto-stop mode stops in 0.2 seconds after the bolt/nut loosened enough
- Aluminium hammer case creates the impression of rigidity of the machine
- Single LED job light with preglow and afterglow functions
- 2 stage impact power selection

(PAKE)	<b>42</b> ED	12Vmax Luttivisyon	CXT	BL

Fastening Capacities	Standard Bolt: M8 - M16
	High Tensile Bolt: M6 - M12
Square Drive	12.7 mm (1/2")
No Load Speed (RPM)	High / Low: 0 - 2,400 / 0 - 1,300
Impacts Per Minute (IPM)	High / Low: 0 - 3,600 / 0 - 2,000
Max Fastening Torque	165 N m
Dimensions (L x W x H)	150x66x232 mm
Net weight	0.82 kg (without battery)

Standard Equipment: Belt clip

AVAILABLE VARIANTS		
4.0Ah	"Z" Version	
TW161D SME INCLUDES 2 BATTERIES / 1 FAST CHARGER / CARRYING CASE	TW161D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

TL065D 12V MAX | **CXT** 

#### **Cordless Angle Impact Wrench**





#### Compact & lightweight right angle impact wrench for fastening and loosening in tight spaces

- Variable speed for a range of applications from auto repair to product assembly
- Large conveniently located paddle switch for comfortable operation
- Over one foot of tool extension for extra reach into deep tight spaces

	<u>XT</u>
Capacity	Standard Bolt: M4 - M12 (5/32" - 1/2")
	High Tensile Bolt: M4 - M8 (5/32" - 5/16")
Square Drive	9.5 mm (3/8")
No Load Speed (RPM)	0 - 2,000
Impacts Per Minute (IPM)	0 - 3,000
Max Fastening Torque	60 N m
Dimensions (L x W x H)	361x66x86 mm
Net weight	1.6kg

Standard Equipment: Relt clip

Jennada zajanpiniena senten	P	
	AVAILABLE VARIANTS	
"Z" Version		
TL065D Z TOOL ONLY (DOES NOT INCLUDE BATTERY /		

**DWR180** 9.5 / 6.35 mm (3/8 / 1/4")

18V | /LX7

#### **Cordless Ratchet Wrench**





#### 800rpm producing up to 47.5Nm max fastening torque

- Ability to tighten 13mm nut by removing socket adaptor
- Forward / reverse rotation change
- Compact design with a short overall length of 151 mm
- Ergonomic design and Ultra-lightweight at just 0.86kg skin
- Can be used as a hand ratchet wrench
- Supplied with two socket adapters



TOOL BAG ONLY

Capacity	Standard Rolt: M2 - M15 (3/16 - 1/5 )
	High Strength Bolt: M5 - M10 (3/16 - 3/8")
Square Drive	9.5 / 6.35 mm (3/8 / 1/4")
No Load Speed (RPM)	0 - 800
Max Fastening Torque	47.5 N·m (420 in.lbs.)
Flats Width	13 mm (1/2")
Angle Head Size	Diameter: 31 mm (1-7/32")   Height: 25.5 mm (1")
Dimensions (L x W x H)	369 x 79 x 87 mm
Net weight	0.9 kg (without battery)

Standard Equipment: Socket Adapter 6.35mm & 9.5mm

AVAILABLE VARIANTS		
3.0Ah	"Z" VARIANT	
DWR180 RF INCLUDES 1 BATTERY / 1 CHARGER / TOOL BAG	DWR180 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER TOOL BAG OR CARRY CASE)	

**WR100D** 

12V MAX | CXT

#### **Cordless Ratchet Wrench**









Equipped with lock-pin style ratchet mechanism is employed, allowing for use as a pass-through ratchet wrench to tighten 13mm nut onto M8 threaded rod

- Easy-to-grip small diameter grip for more comfort and control
- 47.5 N m of maximum torque and 0-800 RPM

#### Forward / reverse rotation change

Turn the reversing lever to the A side for clockwise rotation or to the B side for counterclockwise rotation







Capacity	Standard Bolt: M5 - M12
	High Strength Bolt: M5 - M10
Square Drive	9.5 / 6.35 mm
No Load Speed (RPM)	0 - 800
Max Fastening Torque	47.5 N m
Vibration Level	2.5 m/s² or less
Sound Pressure Level	74 dB(A)
Dimensions (L x W x H)	341x67x84 mm
Net weight	1.2 kg

AVAILABLE VARIANTS		
4.0Ah	"Z" Version	
WR100D SM INCLUDES 1 BATTERY / 1 CHARGER / TOOL BAG	WR100D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE OR TOOL BAG)	



Capacity Bolt: M16, M20, M22 (5/8", 3/4", 7/8") No Load Speed (RPM)
Max Fastening Torque 804 N m (593 ft.lbs.) Vibration Level 2.5 m/s<sup>2</sup> or less Sound Pressure Level 83 dB(A) Sound Power Level 94 dB(A) 296x130x377 mm Dimensions (L x W x H) 7.1 kg Net weight

Standard Equipment: Screwdriver

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DWT310 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER AND CARRY CASE	DWT310 ZK TOOL ONLY (WITH CARRY CASE) (DOES NOT INCLUDE BATTERY / CHARGER)	

# TW1 000 25.4mm (1") **Impact Wrench**



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

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CUTTING (CONCRETE / METAL)

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#### Robust high torque Impact Wrench for heavy-duty application.

- Incredibly high torque 1,000N.m
- Rocker switch provides easy reversing.
- Rubber bumper for tool body protection.
- Features hanging hook for comfortable operation.



Continuous rating Input	1,200W
Capacity	Standard bolt: M24 - M30 (15/16" - 1-3/16")
	High tensile bolt: M22 - M24 (7/8" - 15/16")
	Square drive : 25.4mm (1")
No load speed	1,400rpm
Max. fastening torque	1,000N.m (738ft.lbs)
Overall length	382mm (15")
Net weight	8.6kg (19.9lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Socket 24-45, Grip

#### **6906** 19mm (3/4")



#### **Impact Wrench**



#### Powerful torque of 588N.m(441ft.lbs) for super-duty applications.

- Rocker type reversing switch for easy one handed forward or reverse operation.
- Slide handle adjusts 360degrees for operation convenience at any angle.
- Externally accessible carbon brushes for easy maintenance.



Continuous rating Input	115V / 220V 850W
	230-240V 620W
Capacity	Standard bolt: M16 - M22 (5/8" - 7/8")
	High tensile bolt: M16 - M20 (5/8" - 3/4")
	Square drive : 19mm (3/4")
Impacts per minute	1,600ipm
No load speed	1,700rpm
Max. fastening torque	588N.m (441ft.lbs)
Overall length	327mm (12-7/8")
Net weight	5.6kg (12.3lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Grip Assembly, Socket.

#### TW0350 12.7mm (1/2")

Impact Wrench





#### Incredibly high torque of 350N.m (260ft.lbs).

- Rocker type switch for easy forward or reverse operation.
- Externally accessible carbon brushes for easy maintenance.



Continuous rating Input	400W
Capacity	Standard bolt : M12 - M22 (1/2" - 7/8")
	High tensile bolt : M12 - M16 (1/2" - 5/8")
	Square drive : 12.7mm (1/2")
Impacts per minute	2,000
No load speed	2,000
Max. fastening torque	350N m (260ft.lbs)
Overall length	282mm (11-1/8")
Net weight	3.0kg (6.6lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Socket.

NAILERS / STAPLERS

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#### 6904VH 12.7mm (1/2")



#### Impact Wrench



# Versatile impact wrench for fastening nuts, bolts, and even lag screws.

- 2 speed selection with variable speed in both ranges.
- Light weight design for comfort and control.
- Rugged housing with rubber bumper for long tool life.
- Optional bit adapter for driving wood bits.

### **□ (1) (2) (4) (4) (5) (6)**

Continuous rating Input	360W
Capacity	Standard bolt: M10 - M16 (3/8" - 5/8")
	High tensile bolt: M10 - M12 (3/8" - 1/2")
	Square drive : 12.7mm (1/2")
Impacts per minute	Hi : 0-3,000ipm / Lo : 0-2,500ipm
No load speed	Hi : 0-2,400rpm / Lo : 0-2,100rpm
Max. fastening torque	Hi : 196N.m (145ft.lbs)
	Lo : 147N.m (109ft.lbs)
Overall length	265mm (10-3/8")
Net weight	2.5kg (4.0lbs)

Standard Equipment: Sockets 3.

#### **6953** 12.7mm (1/2")



#### **Impact Wrench**



# Compact body (overall length: 233mm) with palm-fitting soft grip for superior handling.

- Removable belt clip can be attached on both sides of the tool.
- Externally accessible carbon brushes for easy maintenance.

### **□ ③ 411** my

Continuous rating Input	280W			
Capacity	Standard bolt: M10 - M16 (3/8" - 5/8")			
	High tensile bolt: M8 - M12 (5/16" - 1/2")			
	Square drive : 12.7mm (1/2")			
Impacts per minute	0-3,000ipm			
No load speed	0-3,000rpm			
Max. fastening torque	150N.m (110ft.lbs)			
Overall length	233mm (9-1/8")			
Net weight	1.5kg (3.3lbs)			
Power supply cord	2.5m (8.2ft)			

Standard Equipment: Does not come with sockets.

# Comparison Chart - Cordless Impact Wrench



Model No.	Square drive	Max Fastening Torque (N·m)	No load speed (rpm)	Overall length (mm)	Net weight (kg)	BL motor	
Cordless Impact Wrench							
TW001G	3/4" (19 mm)	1,800	0 - 1,800/ 1,400/ 1,150/ 950	217	3.2 kg	•	
TW008G	1/2" (12.7mm)	760	0 - 2,300/ 1,900/ 1,200/ 600	170	2.0 kg	•	
TW005G	1/2" (12.7mm)	350	0 - 3,200/ 2,600/ 1,800/ 1,000	144	1.2 kg	•	
DTW1001	3/4" (19mm)	1,050	0-1,800/ 1,000/ 900	229	3.0 kg	•	
DTW701	1/2" (12.7mm)	700	0 - 2,200/ 1,900/ 1,200/ 500	170	2.0 kg	•	
DTW300	1/2" (12.7mm)	330	0 - 3,200/ 2,600/ 1,800/ 1,000	144	1.1 kg	•	
DTW181	1/2" (12.7mm)	210	0-2,400/ 1,300	151	0.82 kg	•	
TW161D	1/2" (12.7 mm)	165	0-2,400/ 1,300	150	0.82 kg	•	

#### **AC Impact Wrench**

TW1000	1" (25.4 mm)	1000	1,400	382	8.6 kg	_
6906	3/4" (19 mm)	588	1,700	327	5.6 kg	-
TW0350	1/2" (12.7 mm)	350	2,000	282	3.0 kg	-
6904VH	1/2" (12.7 mm)	196	Hi: 0-2,400 / Lo: 0-2,100rpm	265	2.5 kg	-
6953	1/2" (12.7 mm)	150	0-3000	233	1.5 kg	_

# **Accessories - Drilling / Fixing**

# Wood drill bits classification

#### Wood drill bit



**Suitable for:** Drilling holes with small to medium diameter.

**Applications:** Soft plastics and general wood.

**Features:** Highly effective for boring more clean and precise holes than flat bit.



# Auger bit



**Suitable for:** Drilling of deep holes with medium to large diameter holes

**Applications:** Soft and hard wood.

**Features:** Threaded screw point push the bit into the work piece to providing a fast, easy to use and self feeding action. Highly effective for boring clean and precise holes compared to flat bit and wood drill bit.



## Flat bit



**Suitable for:** Drilling holes with medium to large diameters

**Applications:** Soft wood or soft plastic.

**Features:** Hexagon shank prevents chuck slipping. Grooved notch in head and outer cutting tips at the circumference of the hole



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HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Standard 3 Point Wood Bit

• These bits are excellent when applied to soft to medium wood.

• They have a polished steel body with a centering point



Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2)(mm)	Per Pkg	Part No
3	60	33	1	D-07026
4	75	43	1	D-07032
5	85	52	1	D-07048
6	95	57	1	D-07054
7	110	69	1	D-07060
8	115	75	1	D-07076
9	125	81	1	D-07082
10	135	87	1	D-07098
12	155	101	1	D-07107
14	170	108	1	D-07113
16	180	105	1	D-07129
18	200	120	1	D-07135
20	200	130	1	D-07141

# 5pcs Wood Drill bit in Boxed pack



Bit Dia (D) (mm)	Per Pkg	Part No
4, 5, 6, 8 & 10mm	1	D-72861

# Spade (Flat) Bit

- Contractor quality flat bits, suitable for soft woods.
- Diameters 6 36mm Hex shank for high torque application.
- Hexagon shank prevents chuck slippage.
   Grooved notch in head and outer cutting tips at the circumference of the hole



Bit Dia (D) (mm)	Overall Length (L1 ) (mm)	Per Pkg	Part No
6	150	1	D-07674
8	150	1	D-07680
10	150	1	D-07696
12	150	1	D-07705
14	150	1	D-07711
15	150	1	D-07727
16	150	1	D-07733
18	150	1	D-07749
20	150	1	D-07755
22	150	1	D-07761
24	150	1	D-07777
25	150	1	D-07783
26	160	1	D-07799
28	160	1	D-07808
30	160	1	D-07814
32	160	1	D-07820
34	160	1	D-07836
35	160	1	D-07842
36	160	1	D-07858

Spade (Flat) Bit	Bit Dia (D) (mm)	Overall Length (L1 ) (mm)	Shank	Per Pkg	Part No
	25	400	1/4"	1	■ E-17491

# **8pcs Flat Bit**

For use with any 3 Jaw chuck, Maklok chuck and 1/4" Hex Drive Tools

With plastic case



Working Length (mm)	length (mm)	Size (mm)	Pc/ Pkg	Part No
120	150	12	1	
120	150	14	1	
120	150	16	1	
120	150	18	1	P-52093
120	150	20	1	
120	150	22	1	
120	150	25	1	
120	150	32	1	

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

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CUTTING (CONCRETE / METAL)

### Extension Bar (1/4" shank)

Attached with flat bit for drilling deep narrow space. Can withhold 40mm maximum dia flat bit. Hold 1/4"Hex shank firmly



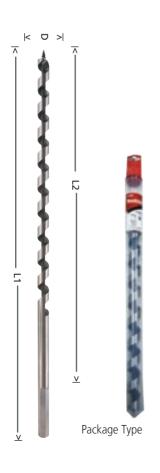
Overall Length (mm)	Shank	Per Pkg	Part No
300	1/4"	1	■ D-77213

GRINDING

SANDING / POLISHING

# **Auger Bits**

- Drilling of deep holes with medium to large holes.
- The bits comes in sizes 6mm to 30mm, self feeding and with a high cutting rate.



Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2)(mm)	Per Pkg	Part No
6	250	180	1	D-07331
8	250	180	1	D-07347
10	250	180	1	D-07353
12	250	180	1	D-07369
14	250	180	1	D-07375
16	250	180	1	D-07381
18	250	180	1	D-07397
20	250	180	1	D-07406
22	250	180	1	D-07412
24	250	180	1	D-07428

Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2)(mm)	Per Pkg	Part No
8	450	380	1	D-07559
10	450	380	1	D-07565
12	450	380	1	D-07571
14	450	380	1	D-07587
16	450	380	1	D-07593
18	450	380	1	D-07602
20	450	380	1	D-07618
22	450	380	1	D-07624
24	450	380	1	D-07630
26	450	380	1	D-07646
28	450	380	1	D-07652
30	450	380	1	D-07668

SAWING

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# 7 pcs. Self feeding bit set



- Suitable for drilling large diameter holes for pipe and conduit in wood.
- Threaded screw point pull the bit into the work piece providing a fast, easy to use self feeding action. Suitable for plumbing and electrical installation, etc.

 Suitable for drilling of blind holes or penetrating holes of medium to large diameter with high

quality. Suitable for precise working like a making

Forstner bit 5pcs. set

with wooden case

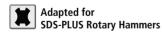
furniture

Bit Dia / Type	Per Pkg	Part No
1''(25mm)	1	
1-1/4''(32mm)	1	
1-1/2''(38mm)	1	
2''(51mm)	1	
2-9/16''(65mm)	1	
3''(76mm)	1	D-36005
Extension bar 5-1/2''(140mm)	1	
Screw point 1-1/4" x 2"	3	
Screw point 3/8" x 2"-3/4"	1	
Hex wrench	2	
Replacement screw	2	

Bit Dia	Per Pkg	Part No
15mm	1	
20mm	1	
25mm	1	D-47357
30mm	1	/ D-47363
25		



# SDS-PLUS WOOD DRILL BIT



Can be used on SDS PLUS Hammers to drill wood without the need of having an additional chuck.

000	And in case of

Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
4	105	43	1	B-57489
5	116	52	1	B-57495
6	123	57	1	B-57504
8	147	75	1	B-57510
10	163	87	1	B-57526

# **Glass and Tiles Drill Bit**

- 1/4" Hex shank
- Used in Rotary mode with almost any hammer drill and rotary drill
- Ideal for drilling holes in glass and tiles
- Gives a quick, clean and precise hole without cracks

-	110	D
		<u>v</u>
k	—— L1 ——	>

Bit Dia (D) (mm)	Overall Length L1 (mm)	Per Pkg	Part No
4	65	1	D-15942
5	65	1	D-15958
6	65	1	D-15964
8	70	1	D-15970
10	80	1	D-15986

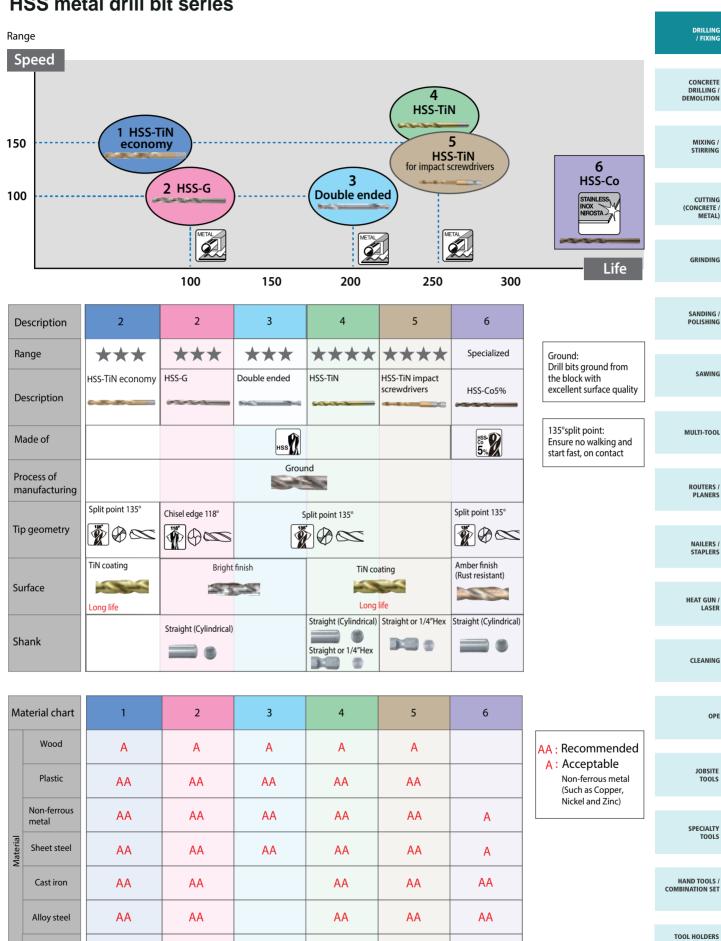
AND POUCHES / MAKPAC SYSTEM

#### HSS metal drill bit series

Stainless steel

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Α



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#### DRILLING / FIXING

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# **HSS-G** metal drill bit

• Ground point drill bits suitable for ferrous and non-ferrous metals, offering good drilling speeds and extended working life.

#### Note:-

**Shank Type:** Straight (Cylindrical) **Available sizes:** 1.5mm - 8mm : 10pcs pack

8.25mm - 13mm : 5pcs pack

**Shank Type:** Straight (Three flat) **Available sizes:** 14mm - 16mm : 1pc pack











Bit Dia (mm)	Overall Length (L1) (mm)	Working Length (L2) (mm)	Per Pkg	Part No
1.50	40	18	10	D-06236
1.75	46	22	10	D-06242
2.0	49	24	10	D-06258
2.25	53	27	10	D-06264
2.50	57	30	10	D-06270
2.90	61	33	10	D-46648
3.0	61	33	10	D-06292
3.20	65	36	10	D-34942
3.25	65	36	10	D-06301
3.30	65	36	10	D-46567
3.50	70	39	10	D-06317
3.75	70	39	10	D-06323
4.0	75	43	10	D-06339
4.20	75	43	10	D-17762
4.25	75	43	10	D-06345
4.50	80	47	10	D-06351
5.0	86	52	10	D-06373
5.20	86	52	10	D-34986
5.25	86	52	10	D-06389
5.50	93	57	10	D-06395
6.0	93	57	10	D-06410
6.50	101	63	10	D-06432
6.80	109	69	10	D-46779
7.0	109	69	10	D-06454
7.50	109	69	10	D-06476
8.0	117	75	10	D-06498
8.50	117	75	5	D-06513
8.80	125	81	5	D-46785
9.0	125	81	5	D-06535
9.50	125	81	5	D-06557
10.0	133	87	5	D-06579
10.5	133	87	5	D-06591
11.0	142	94	5	D-06600
11.5	142	94	5	D-06616
12.0	151	101	5	D-06622
12.5	151	101	5	D-06638
13.0	151	101	5	D-06644
14.0	160	108	1	■ D-74893
15.0	169	114	1	D-74902
16.0	178	120	1	D-74918

# 6pcs HSS-G metal drill bit set



Bit Dia (mm)	Per Pkg	Part No
2, 3, 4, 5, 6, 8mm	Each size 1pc	■ D-75742

# 19 Pcs HSS-G metal drill bit set

• 1 pc each 1.0 to 10.0mm in steps of 0.5mmes)





Bit Dia (mm)	Per Pkg	Part No
1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9, 9.5, 10	Each 1pc	D-67549

DRILLING / FIXING
CONCRETE DRILLING / DEMOLITION
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# (HSS-G) Double Ended Drill Bit

Double ended drill bits are derivative of HSS-G and both ends are drills

#### Materials:

Same material as HSS-G and fully ground.

#### Cutting edge:

135° split point geometry which ensures no walking and slipping. The total and working lengths are shorter than other HSS drill bits.

#### Size:

Total 21sizes from 2.0mm to 10.0mm including 3.1mm, 3.2mm, 3.3mm which are suitable sizes for drilling holes for rivets.

**Depth of hole:** 30% shorter than HSS-G. Suitable for thin metal sheets because of the length.

Package: Each size 10 pieces a pack.

**Application:** While drilling many holes on thin metal sheets, double ended drill bits are preferred because of their short length and long life.

**Type of industry:** Sheet metal work, automotive body shop and maintenance jobs.



Double ended drill bits with angle drill makes very comfortable working at narrow spaces

	Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length ( L2) (mm)	Per Pkg	Part No	New Part No (With country of origin)
è	2.0	38	7.5	10	B-26652	B-26864
	3.0	46	10.6	10	B-26668	B-26870
	3.1	49	11.0	10	B-26674	-
	3.2	49	11.0	10	B-26680	-
	3.3	49	11.0	10	B-26696	-
	3.5	52	13.0	10		B-26917
	3.8	55	14.0	10	B-26711	-
	4.0	55	14.0	10	-	B-26939
	4.1	55	14.0	10	B-26733	B-26945
	4.2	55	14.0	10	-	-
	4.3	55	14.0	10	B-26755	-
	4.5	58	16.0	10	-	B-26973
	4.8	62	17.0	10	B-26777	-
	4.9	62	17.0	10	B-26783	
	5.0	62	17.0	10	B-26799	B-27006
	5.1	62	17.0	10	B-26808	
	5.2	62	17.0	10	B-26814	-
	5.5	66	19.0	10	B-26820	
	6.0	66	19.0	10	B-26836	B-27040
	8.0	79	25.0	10	B-26842	-
e	10.0	89	25.0	10	B-26858	-







CUTTING (CONCRETE / METAL)

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### **HSS Co-Metal drill bit**

- HSS drill bits with 5% cobalt content for easy drilling of high alloy or high tensile steels.
- Body ground for further accuracy and to reduce resistance.
- Use on mild, stainless and high alloy steels and difficult to machine materials, welded seams and car body work.
- Ideal for stainless steel and cast iron.



Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2) (mm)	Per Pkg	Part No
2.0	49	24	5	D-16623
2.5	57	30	5	D-16639
3.0	61	33	5	D-16645
3.5	70	39	5	D-16667
4.0	75	43	5	D-16673
4.5	80	47	5	D-16689
5.0	86	52	5	D-16695
5.5	93	57	5	D-16704
6.0	93	57	5	D-16710
6.5	101	63	5	D-16726
7.0	109	69	5	D-16732
7.5	109	69	5	D-16748
8.0	117	75	5	D-16754
8.5	117	75	5	D-16760
9.0	125	81	5	D-16776
9.5	125	81	5	D-16782
10.0	133	87	5	D-16798
10.5	133	87	5	D-16807
11.0	142	94	5	D-16813
11.5	142	94	5	D-16829
12.0	151	101	5	D-16835
12.5	151	101	5	D-16841
13.0	151	101	5	D-16857

# 6 Pcs HSS-Co metal drill set

Type: Straight (Cylindrical)







•	Bit Dia (mm)	Per Pkg	Part No
	2 x 24mm 3 x 33mm 4 x 43mm 5 x 52mm 6 x 57mm 8 x 75mm	Each 1pc	D-57168 / D-75758

**HSS-Tin Metal Economy Drill Bits** 

• The bits surface is coated with Titanium Nitride which is extremely hard and highly wear-resistant, therefore enhances the quality and extends the life of the product.

• The Drill bit tip has a 135° split point geometry which ensures that there is no walking and slipping during operation.

• Available in various sizes from 2.0mm to 13mm and are sold at packs of 5 and 10 pcs.











Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2) (mm)	Per Pkg	Part No
2.0	49	24	10	D-64272
2.5	57	30	10	D-64288
3.0	61	33	10	D-64294
3.5	70	39	10	D-64303
4.0	75	43	10	D-64319
4.5	80	47	10	D-64325
5.0	86	52	10	D-64331
5.5	93	57	10	D-64347
6.0	93	57	10	D-64353
6.5	101	63	10	D-64369
7.0	109	69	10	D-64375
8.0	117	75	10	D-64397
8.5	117	75	5	D-64406
9.0	125	81	5	D-64412
9.5	125	81	5	D-64428
10.0	133	87	5	D-64434
10.5	133	87	5	D-64440
11.0	142	94	5	D-64456
12.0	151	101	5	D-64478
12.5	151	101	5	D-64484
13	151	101	5	D-64490

DRILLING / FIXING CONCRETE DRILLING / DEMOLITION MIXING / STIRRING CUTTING (CONCRETE / METAL) GRINDING SANDING / POLISHING SAWING

ROUTERS / PLANERS

MULTI-TOOL

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **HSS-Tin Metal Economy Drill Bits in boxed pack**



6pcs pack D-72833



10pcs pack D-72849



19pcs pack B-67795



19pcs pack x 10 D-72229-10

Size (mm)	Pcs/Set	Part No
1pc each : 2, 3, 4, 5, 6 & 8mm	6pcs	D-72833
1pc each : 1, 2, 3, 4, 5, 6, 7, 8, 9 & 10mm	10pcs	D-72849
1.5 x 2, 2 x 2, 2.5 x 2, 3 x 2, 3.2, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8 & 10mm	19pcs	B-67795
1pc each: 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9., 9.5, 10	19pcs x 10	D-72229-10

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

# **HSS-TiN Impact Drill Bit** with1/4" Hex. shank

- It is easy to mount and apply the 1/4 Hex Shank to the Impact Driver.
- It has a 135deg split point to avoid drill walking while drilling.
- Realized great durability applying TiN coating which is superior in heat and wear resistance.



Bit diameter (mm)	Length (mm)	Working length (mm)	Pc/ Pkg	Part No (WITH COUNTRY OF ORIGIN)
3	64	26	1	B-51085
3.5	70	29	1	B-51116
4	71	30	1	B-51122
6	80	37	1	B-51172
10	102	50	1	B-51247

SANDING / POLISHING

# **HSS-TIN Metal Drill Bit** For SDS-PLUS Hammers

Fully ground HSS drill bit



Adapted for SDS-PLUS Rotary Hammers

SAWING

Can be used on SDS PLUS Hammers to drill metal sheet without the need of having an additional chuck.

MULTI-TOOL



ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /



CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
3	90	33	1	B-57401
3.5	100	39	1	B-57417
4	105	43	1	B-57423
4.5	110	47	1	B-57439
5	116	52	1	B-57445
6	123	57	1	B-57467

# **HSS Drill Bit - Titanium coated** with Hex. shank

For use with 3 Jaw & Maklok chucks and 1/4" Hex drive tools



Size (mm)	Pc/ Pkg	Part No
1.5	1	P-51611
2	1	P-51661
3	1	P-51677
3.2	1	P-51627
5	1	P-51633

# **Straight shank**

(Masonry drill bit)

• Straight shank tungsten carbide-tipped masonry drill bit



Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2)(mm)	Per Pkg	Part No	New Part No
3	60	30	1	D-05393	D-05228
4	70	35	1	D-05402	D-05234
5	85	45	1	D-05418	D-05240
6	100	60	1	D-05424	D-05256
6	150	90	1	D-05430	D-05262
7	100	55	1	D-05446	D-05278
7	150	90	1	D-05452	D-05284
8	110	60	1	D-05468	D-05290
8	150	90	1	D-05474	D-05309
9	150	90	1	D-05480	D-05315
10	150	90	1	D-05496	D-05321
11	150	90	1	D-05505	D-05337
12	150	90	1	D-05511	D-05343
13	150	85	1	D-05527	D-05359
14	150	85	1	D-05533	D-05365
15	150	85	1	-	D-05371
16	150	85	1	D-05555	D-05387

DRILLING / FIXING
CONCRETE DRILLING / DEMOLITION
MIXING / STIRRING
CUTTING (CONCRETE / METAL)
GRINDING
SANDING / POLISHING
SAWING
MULTI-TOOL

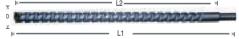
ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

# Long straight shank (Masonry drill bit)

- Straight shank tungsten carbide-tipped masonry drill bit
- Ideal for application where deeper holes are required



Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2)(mm)	Per Pkg	Part No
12	400	315	1	D-17697
12	600	505	1	D-17728
16	400	315	1	D-17706
16	600	505	1	D-17734
20	400	315	1	D-17712
20	600	505	1	D-17740

# **1pc Straight shank**

For use with 3 Jaw & Maklok chucks and 1/4" Hex drive tools



Size (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
4	-	-	1	P-51758
5	-	-	1	P-51764
5.5	-	-	1	P-51770
6	-	-	1	P-51786
6.5	-	-	1	P-51792
7	-	-	1	P-51801
8	-	-	1	P-51817

CLEANING	
OPE	
JOBSITE TOOLS	
SPECIALTY TOOLS	

# 4 pcs straight shank (Masonry drill bit)



Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
5	85	-	1	
6	100	-	2	P-10182
8	120	-	1	

COMBINATION SET	
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM	

CONCRETE DRILLING / DEMOLITION



MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# 5 pcs straight shank

(Masonry drill bit)



5 pcs straight shank

(Masonry drill bit)



Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
7	100	55	5	D-16508
8	110	60	5	D-16514

Working Length (mm)

50

50

60

80

Per Pkg

5

5

5

5

5

5

Part No

P-35520

P-35536

P-35242

P-35558

P-35564

P-35570

Bit Dia

4

5

6

8

10

12

Overall

Length (mm)

85

85

100

120

120

150

5 pcs straight shank (Masonry drill bit)





: NEW PACKAGE

Туре	length (mm)	Pc/ Pkg	Part No	New Part No
4	70	1	D-05175	
5	85	1		D-72877
6	100	1		
8	100	1		
10	100	1		

(Masonry drill bit)	
Name Propp Page	

8 pcs straight shank



Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
3	70	-	1	
4	85	-	1	
5	85	-	1	
6	100	-	1	
7	100	-	1	P-35514
8	120	-	1	
9	120	-	1	
10	120	-	1	

12 pcs straight shank (Masonry drill bit)



Size (mm)	Overall Length (mm)	Per Pkg	12pcs Part No
4	70	1	
5	85	1	
5.5	85	2	
6	100	2	D-73483
6.5	100	2	
7	100	2	
Q	110	2	

## 12 pcs straight shank

(Masonry drill bit)





Size (mm)	Overall Length (mm)	Per Pkg	12pcs Part No
4	70	1	
5	85	2	
6	100	3	
8	110	3	D-77126
10	150	2	
12	150	1	

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

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HEAT GUN /

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### 8 pcs straight shank

#### High efficient and durable

- The new head shape design and wider flute of the drill bits are designed for higher work efficiency and efficient dust removal while drilling.

- Improved carbide tip hardness and increased in abrasion resistance of the drill bits ensure the life of the bits much longer. Straight

Wider flute









New Head shape

Size (mm)	Overall Length (mm)	Per Pkg	Part No
3	60	1	
4	70	1	
5	85	1	
6	100	1	
6	150	1	■ E-15861
8	110	1	
8	150	1	
10	150	1	

## 8 pcs Multi material drill bits with straight shank

#### Drilling holes in a wide range of applications without changing drill bits

Drill holes in a wide range of applications such as brick, tile, wood, plastic, PVC, slate, limestone, aluminium and metal.





The sides and corners of the TCT carbide tip are sharply grounded. This ensure drilling holes in iron and other work materials.



Can be drilled by stacking multiple work materials at same time













shank

Plastic Lime Stone





Size (mm)	Overall Length (mm)	Per Pkg	Part No
3	70	1	
4	70	1	
5	85	1	
6	100	1	
6	150	1	■ E-15855
8	120	1	
8	150	1	
10	150	1	

#### DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

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CLEANING

OPE

JOBSITE TOOLS

> SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

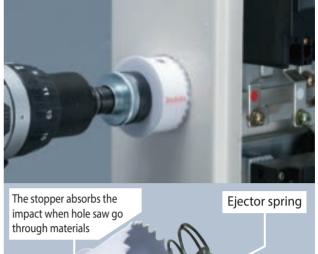
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **BiM Hole saw**





#### **BiM Hole saw for sheet metal**



through materials

HSS Bi Metal with Co 8%
Variable pitch

## **Material chart**

Recommended Acceptable

APPLICATION	STEEL	STAIN- LESS STAINLESS WINDOWN MEROSTA	ALUMI- NUM	Non ferrous Metal	WOOD	MDF	PLASTER BOARD	PVC	FIBREGLASS	SOFT TILE	BRICK	LIME STONE	HARD TILE	GRANITE	MARBLE	GLASS
ВіМ	0		0	0	0			0								
BiM for sheet metal	0	0	0	0												
Vacuum brazed diamond										0	0	0			0	
Diamond wet for hard ceramics										0			0	0	0	0
Application / tips	Use cutting / oil	Low speed, use cutting / oil	Use cutting / oil	Use cutting / oil												

## **BIM Hole saw (Standard range)**

- Hole saws have 4/6 vari-pitch tooth design
- Recommended for cutting steel and cast iron pipe plates, aluminum copper and brass.



Size (mm)	Standard range
14	D-35368
16	D-16994
17	D-35374
19	D-17005
20	D-17251
21	D-35380
22	D-17011
24	D-17027
25	D-17033
27	D-35396
29	D-17267
30	D-35405
32	D-17049
33	D-35411
35	D-17055
37	D-35427
38	D-17061

Size (mm)	Standard range
40	D-17273
41	D-35433
43	D-35449
44	D-17077
46	D-35455
48	D-35461
51	D-17083
52	D-35477
56	D-35483
57	D-17099
59	D-35499
67	D-35508
68	D-17108
73	D-35514
76	D-17114
79	D-35520
83	D-17120

Size (mm)	Standard range
86	D-35536
89	D-35542
92	D-17136
95	D-35558
98	D-35564
102	D-35570
105	D-17142
108	D-35586
111	D-35592
114	D-35601
121	D-35617
127	D-17158
140	D-35623
152	D-17164

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## Mandrel and pilot drill (for Hole saw)





Mandre

Туре	Fits Hole saws	Premium range Part no	Standard range Part no
Mandrel with I	Pilot Drill		
For 10mm Drill	14-29mm		D-17170
For 13mm Drill	32-152mm		D-17186
For SDS-PLUS	14-29mm		D-17603
For SDS-PLUS	32-76mm		D-17619
Mandrel quick	change system	1	
For SDS-PLUS	32-210mm	P-35190	
Pilot Drill			
102mm long		P-35215	
71mm long	All		D-17192

## Hole saw (Assorted)

Six most common sizes for Plumber & Electrician. Comes in plastic carry case



Size (mm)	Part No.
19,22,29,38,44,57mm	D-47117
16,20,25,32,40,51mm	■ D-47123

## **BIM Hole saw for sheet metal (Premium range)**

- Heavy duty
- Cutting capacity thickness for metal is 0.8-5mm and for stainless is 0.8-2mm
- Longer life due to Bi-Metal with 8% Cobalt

MIXING / STIRRING

CONCRETE DRILLING / DEMOLITION

The stopper absorbs the impact when hole saw goes through the materials



Its very easy to take out a piece of sheet metal due to ejector spring

High quality Bi-metal with 8% Cobalt

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

Size (mm)	Part no
16	B-29670
19	B-29692
20	B-29701
22	B-29723
25	B-29739
29	B-29751
32	B-29773
35	B-29795

Size (mm)	Part no
38	B-29804
40	B-29810
51	B-29854
60	B-29882
64	B-29898
65	B-35994
68	B-36011
70	B-36027

Size (mm)	Part no
76	B-36049
83	B-36061
89	B-36083
102	B-36099
127	B-36108
152	B-36114

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

#### Mandrel and pilot drill (For hole saw)

New Mandrel for φ 38-152mm Hole saw size





Adapter with O ring

CLEANING
OPE

Туре	Fits Hole saws	With Pilot drill	Part no
Mandrel with I			
For 10mm Drill	16-35mm	HSS6542	B-36120
For 13mm Drill	38-152mm	HSS6542	B-36136

#### Pilot Drill

60mm long All B-36142

## Hole saw for sheet metal (Assorted)

Six most common sizes for Plumber & Electrician.



9.5/11mm Adapters with 1pcs of pilot drill

Size (mm)	Part No.
20,25,32,38,51,64mm	B-38679
19,22,29,38,44,57mm	B-38663

SPECIALTY TOOLS

JOBSITE TOOLS

HAND TOOLS / COMBINATION SET











Attach the spring

#### **Vacuum Brazed Diamond Hole Saw**



- Can drill holes for various materials
- Thick wall and brick can be run through less efforts and less working time to drill holes









For Machine: 10 - 13mm Drill
<b>Hole Saw:</b> Material of Tip: Diamond
Material of Body: Carbon Steel

**Centre Drill Bit:** Material fo Tip: Tungsten Carbide **Angle of Tip:** 135deg / Use by driver mode

Extension Rod: 150mm Straight Shank for Hole Saw of all sizes

**RPM:** 16mm-64mm, 3000-500rpm

Bit Dia (mm)	Working Length (mm)	Part no
16	40	B-45870
19	40	B-45886
25	40	B-45892
30	40	B-45901
32	40	B-45917
35	40	B-45923
38	40	B-45939
45	40	B-45945
50	40	B-45951
53	40	B-45967
57	40	B-45973
64	40	B-45989

DRIL / Fi
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MIX STIR
CUT (CONCR MI
GRIN

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Diamond wet Hole Saw For Hard Ceramics



- Suitable in wet drilling application
- Recommended to use with DC drills to work on hard ceramics with water
- Diamond Grit for faster cutting and longer life even on hard materials
- Easy centering on hard ceramic These hole saws come with Spring-Loaded, Retractable Shaft pilot bit.



Retractable Starter Pilot Bit

Part no
D-61210
D-61226
D-61232
D-61248
D-61254
D-61260
D-61276
D-61282
D-61298
D-61307
D-61313
D-61329
D-61335
D-61341
D-61357
D-61363
D-61379
D-61385
D-61391
D-61400
D-61416
D-61422
D-61438
D-61444
D-61450

CONCRETE DRILLING / DEMOLITION **Diamond Wet Core Cutters** 

For Model: DBM131/DBM230 (Diamond Core Drill)

**Material:** These can be used for soft, hard and reinforced concrete. **Features:** Fast starting, Easy centering, Low friction and Time saving

Connection thread: 1 1/4" UNC

MIXING / STIRRING • Fast Starting

- Easy Centering
- Low Friction

CUTTING CONCRETE / METAL) • Time Saving

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS E

Core bit (Fitting)



Core bit



Outer Dia (mm)	Length (mm)	Part No.
32	420	P-65953
42	420	P-78330
52	420	P-78346
62	420	P-65969
65	420	P-78352
72	420	P-78368
78	420	P-78374
82	420	P-65975
92	420	P-78380
102	420	P-65981
107	420	P-78396
112	420	P-78405
122	420	P-65997
127	420	P-78411
132	420	P-66008
152	420	P-66014
162	420	P-66020
225	420	P-66042

NAILERS / STAPLERS

HEAT GUN /

CLEANING

**Accessories for Core Cutters** 

Diamond core cutter - Steel Hex Extension Bar

Female 1 1/4" UNC to Male 1 1/4" UNC

Older Fiex

For model	Length (mm)	Part No.
DBM121 DBM220	100mm	P-41604
DBM131, DBM230	300mm	P-41626



DBM230 can be directly attached to cutter.

DBM131 can be connected to the cutter using **Adapter M18 ( Part No. P-42151)** 

JOBSITE TOOLS

OPE

SPECIALTY TOOLS **Oil for Diamond Core Drill Machine** 

Oil for DBM230 (Diamond Core Drill)



		Part No.
1000ml	PE150	EE71000036

HAND TOOLS / COMBINATION SET

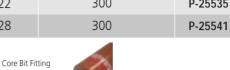
#### **Diamond Core Cutters**

• To be used with the Drill Chuck System

Core Bit End

- For Model: 8419B-2, 8420, HP2000, HP2010N, HP2050/F, HP2070
- Note: Use core cutters only with rotary mode.

Diameter (mm)	Effective Length (mm)	Part No.
22	300	P-25535
28	300	P-25541





DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

## **DRY Drilling Core cutters** (PRB7 Slotted body)

A: 13MM Drill Chucks - Used with P-34562 Adapter B: HR1830, HR2460, HR2470 - Used with P-30031 Adapter

C: HR3000C - Used with P-30031 Adapter

D: DBM131 - Used with P-49286 Adapter



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PRB7 Core Bit

For model	Diameter (mm)	Effective Length (mm)	Part No.
A, B, C, D	32	150	P-44731
A, B, C, D	48	150	P-25563
A, B, C, D	52	150	P-25579
D	152	150	P-25644

SANDING / POLISHING

## **Accessories for Dry Core Drills**

 Type / For model	
1/2" BSP male For 13mm Chuck Adapter	P-34562
SDS Plus chuck adaptor- R½ For models: HR1830, HR2460, HR2470, HR2432, HR3000C	P-30031
Adaptor Pack- SDS Plus (Chuck Adapter, Guide Rod, Drift Key)	P-34730
 10mm Pilot Drill A Taper	P-34724

SAWING MULTI-TOOL ROUTERS / PLANERS NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

DRILLING / FIXING

**Broach cutter** for magnetic drilling machine

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



Short = 25m	m Depth	Long = 50	mm Depth
Diameter	Part No.	Diameter	Part No.
12mm Short	(MM)12S	12mm Long	(MM)12L
13mm Short	(MM)13S	13mm Long	(MM)13L
14mm Short	(MM)14S	14mm Long	(MM)14L
15mm Short	(MM)15S	15mm Long	(MM)15L
16mm Short	(MM)16S	16mm Long	(MM)16L
17mm Short	(MM)17S	17mm Long	(MM)17L
18mm Short	(MM)18S	18mm Long	(MM)18L
19mm Short	(MM)19S	19mm Long	(MM)19L
20mm Short	(MM)20S	20mm Long	(MM)20L
21mm Short	(MM)21S	21mm Long	(MM)21L
22mm Short	(MM)22S	22mm Long	(MM)22L
23mm Short	(MM)23S	23mm Long	(MM)23L
24mm Short	(MM)24S	24mm Long	(MM)24L
25mm Short	(MM)25S	25mm Long	(MM)25L
26mm Short	(MM)26S	26mm Long	(MM)26L
27mm Short	(MM)27S	27mm Long	(MM)27L
28mm Short	(MM)28S	28mm Long	(MM)28L
29mm Short	(MM)29S	29mm Long	(MM)29L
30mm Short	(MM)30S	30mm Long	(MM)30L
31mm Short	(MM)31S	31mm Long	(MM)31L
32mm Short	(MM)32S	32mm Long	(MM)32L
33mm Short	(MM)33S	33mm Long	(MM)33L
34mm Short	(MM)34S	34mm Long	(MM)34L
35mm Short	(MM)35S	35mm Long	(MM)35L
36mm Short	(MM)36S	36mm Long	(MM)36L
37mm Short	(MM)37S	37mm Long	(MM)37L
38mm Short	(MM)38S	38mm Long	(MM)38L
39mm Short	(MM)39S	39mm Long	(MM)39L
40mm Short	(MM)40S	40mm Long	(MM)40L
41mm Short	(MM)41S	41mm Long	(MM)41L
42mm Short	(MM)42S	42mm Long	(MM)42L
43mm Short	(MM)43S	43mm Long	(MM)43L
44mm Short	(MM)44S	44mm Long	(MM)44L
45mm Short	(MM)45S	45mm Long	(MM)45L
46mm Short	(MM)46S	46mm Long	(MM)46L
47mm Short	(MM)47S	47mm Long	(MM)47L
48mm Short	(MM)48S	48mm Long	(MM)48L
49mm Short	(MM)49S	49mm Long	(MM)49L
50mm Short	(MM)50S	50mm Long	(MM)50L

<b>Broach cut</b>	ter 🔪	
pilot pin		Pilot Pin large (mm)Pilot-L-50
	Pilot pin small	
	(mm)Pilot-S-25	

Pilot Pin	Part No.
25mm	(MM)PILOT S
50mm	(MM)PILOT L

## **Chuck adapter** for broach cutter

	For use v
1	For MM32

For use with	Part No.
For MM32 only	MMCHU03

# Cutting Oil (Electro Magnetic Drill Press)





## **Diamond Drill Stand (DBM131)**

This stand is used when drilling holes larger than 70mm.
But it is advisable to use at all times to avoid core bit and machine damage. (For DBM131)



Description	Part No.
Diamond Drill Stand (For DBM131)	P-40082

## **Type 43 Drill Stand**

This stand is to be used for models with neck diameter 43mm



Description	Part No.
Type 43 Drill Stand	A-36712

#### DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **Diamond Drill Stand (DBM230)**





Description	Part No.
Diamond Drill Stand (For DBM230)	P-54190

## Vise (For TB131)

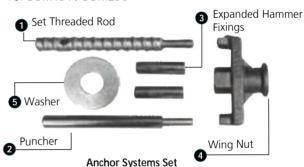
This stand is to be used for model TB131



Description	Part No.
Vise (For TB131)	(TB)KK00000100

# **Anchor Systems for Diamond Drill Stand**

For DBM131 / DBM230



Description	Туре	Part No.
Anchor System Set	Includes 1,2,3,4 and 5	P-40098

Drill a 15mm hole, fix the expanded hammer fixing, and set the threaded rod as shown below, place the stand then attach washer and nut (wing nut)







Expanded hammer fixing

Threaded rod

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

## Drill chuck and chuck key











MIXING /
STIRRING
STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

For Model	Capacity (mm)	Thread size	Single Part#	Bulk Part #	Chuck Key
DF0300, HP0300	1.0-10	1/2-20 UNF		766012-0	KEYLESS
650, DP2010	6.5	3/8-24 UNF	192887-5		763418-3
6010B, 6010BVR		3/8" - 24UNF	192970-8	763418-3	763418-3
6408	0.8-10	3/8-24 UNF	192016-0		KEYLESS
6413	0.8-10	3/8-24 UNF		763242-4	KEYLESS
6300-4, 6305, DP4700, DS4011, 8419B 8419B 8416, 8420V, HP2000, HP2010N, HP205 HP2050, HP2070	2.0-13	1/2-20 UNF	192877-8		763432-9
6300-4, 6301, 6305, DA4000LR, DP4700, DS4011, DS5000, 8416, HP2000 HP2010N, HP2070, NHP1300S, NHP1320S	4.5-16	1/2-20 UNF		763066-8	763432-9
6016	16	(jacob staper No.3)		763011-3	763429-8
DA3010, DDA350				763174-5	763415-9
6408, DA392DW			192016-0		KEYLESS
TB131				(TB)KK00000060	(TB)KK00000061
HP1230	1.5-10	3/8" - 24UNF	192879-4		763415-9
HP1631K			196193-0	766017-0	KEYLESS
UT131D, HP1630K, HP1640K	1.5-13	1/2-20 UNF	196008-1	766016-2	763448-4
DA4000LR, 6304LR			193318-7		763432-9
DP4010, HP2050			193067-6		763448-4
DA3000			193442-6		763414-1
6080B			763003-2		KEYLESS
DF001G, DDF481, DDF486, HP001G DHP481, DHP486	1.5-13	1/2-20 UNF		763252-1	KEYLESS
HP001G				136405-9	KEYLESS
DDF481, DHP181	1.5-13	1/2-20 UNF		763248-2	KEYLESS
DDF451, DHP451, DDF441, DHP441	1.5-13	1/2-20 UNF		763196-5 / 763191-5	KEYLESS
DDF453, DDF482, DDF484, DDF456, DD4F487, DF457D, DHP482, DHP484, DHP456, DHP459, HP457D, DF002G	1.5-13	1/2-20 UNF		766027-7	KEYLESS
DDF483, DHP483	1.5-13	1/2-20 UNF		763241-6	KEYLESS
DA333D, DF330D, DF331D	0.8-10	3/8-24 UNF		763228-8	KEYLESS
DF332D, DF333D, HP332D, HP333D	0.8-10	3/8-24 UNF		763238-5	KEYLESS
DF347D	0.8-10	1/2-20 UNF		766002-3	KEYLESS
HP330D, HP331D, HP347D	0.8-10	1/2-20 UNF		763229-6	KEYLESS
DF488D, HP488D	1.5-13	1/2-20 UNF		<b>7</b> 63260-2	KEYLESS
DA331D	0.8-10	3/8-24 UNF		766007-3	KEYLESS
DDF487, DF002G, DHP482, DHP487 HP002G	1.5-13mm	1/2-20 UNF		763256-3	KEYLESS
DA001G, DDA460, DG001G, DG460D	2.0-13	(Press fit)		763250-5	763251-3
DDA450	2.0-13	1/2-20 UNF	193822-6	763183-4	763259-7
DS5000	3.0-16	1/2-20 UNF	133322 0	763254-7	763443-4
DDF489, DHP489, DDF486. DHP486	1.5-13	1/2-20 UNF		<b>7</b> 63261-0	KEYLESS
25, 405, 5111 405, 551 400. 5111 400	7.5 15	1/2-20 UNI		7032010	NETECOS

## **Locking Keyless Drill Chucks**

Makita's unique chuck-lock system prevents the bit from slipping or being overtightened.
Chuck snap out to unlock; in to lock.



For Models	Spindle Thread	Part No.
6301, 6013BR, 6300-4, 8416, 8419B, 8419B2, 8420V, DP4700, HP2000, HP2010N, HP2050N, HP2050/F, HP2070, NHP1300S, NHP1320S	3/8" - 24UNF	192282-9

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

METAL)

## **Angle Attachment**

For drilling in close quarters, incorners, between joints and studs.





For Model	No Load Speed	Part No.
DS4011, 6013BR, 6300LR	High: 800rpm Low: 350rpm	STEX122177

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **Grip**

<u>ıb</u>	
For Model	Part No.
DBM131	EE7DE33695
UT2204	152892-4
6013BR / 6016 / 6300-4 / DA4000LR / DS4011 / DP4700	152492-0 151965-0
8419B2	273627-1
8419B	273479-0
8416 / 8420V / HP2000 / HP2010N	273627-1
8416 / 8420V / HP2000 / HP2010N	123018-5
NHP1300S / NHP1320S	152491-2
HP2050/F, HP2051/F, HP2070/F, HP2071/F, HP1640/F, HP1641/F, HP1630 HP1631, HP1230	153503-4
HP2010N, HP2000	122428-3
DF001G	127552-7
HP001G	127551-9
DDF481	126412-0
DHP481	126413-8
UT1305	152892-4
DDF486	<b>122C02-5</b>
DHP486	■ 122D10-2
DF002G, HP002G, DDF484, DHP484	191E41-8
DDG460, DG001G (HANDLE SET)	191P11-3
DDF489	■ 1912A3-5
DHP489	■ 1912A4-3

CONCRETE DRILLING / DEMOLITION

CUTTING (CONCRETE / METAL)

MIXING / STIRRING

GRINDING

Wire brush for driver drills and impact drivers

Brass-coated wire with excellent waterproof feature and rust resistance The high-density crimped wire construction with brass-coated brushes allows for versatile applications on both metal and wood surfaces, even when working with water-containing wood





SANDING /	Brush	Shank	Туре	Max rpm	Dia (mm)	Part #
POLISHING			Cup Type For flat surface	4500	38	D-76308
			Poi nat surface	4500	50	D-76314
SAWING				4500	75	D-76320
	Cuimpad /	ated e 1/4" Hex surface	For deep part, curved	4500	38	D-76336
MULTI-TOOL	Crimped / Brass Coated			4500	50	D-76342
	Steel Wire 0.3mm			4500	75	D-76358
DOUTEDS /	for Metal and		4500	100	D-76364	
ROUTERS / PLANERS	Wood		End type	4500	12	D-76370
			For inner surface, holes	4500	19	D-76386
NAILERS / STAPLERS				4500	24	D-76392
				4500	28	D-76401

HEAT GUN /

## Earth auger drill bits for driver drill and impact wrench

CLEANING	For Model	Shank type	Image		Bit dia. (mm)	Length (mm)	Working length (mm)	Part No.	
ОРЕ	13mm Driver drill with side grip	Hex shank		Shorter working length of the drill bits allow for drilling shallow holes. Ideal for use in fields and home gardens that do not require deep holes.	30 45 70	600	200 200 200	D-75415 D-75421 D-75437	
JOBSITE TOOLS						100		240	■ D-75443 ■ D-75459
SPECIALTY TOOLS	3/4" Impact Wrench	3/4′	With socket, pin and O-ring	Suitable for installing wooden/metal poles on the ground for preparing Greenhouse or farming and to be used for installing fence for camping sites and fixing poles in desert	20 25 30	600	530	B-54302 B-54318 B-54324	
HAND TOOLS / COMBINATION SET			camp areas		35			B-54330	
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM									

#### Impact black Screw Bit Series

Impact Black is the new range of High Durability screw bits for professional use

- Anti-rust treatment on the bit surface with high-class matte black appearance

- Makita logo on the screw bit makes it easy to distinguish





- Black coating is designed to prevent rusting

Visible label

## / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

STAPLERS

NAILERS /

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOL

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### Impact black screw bit (25pcs set)

 Bits comes in small flip top plastic case set which is convenient to carry and has good appearance.



Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
PH2	25	NZ - C	25	E-12360
PZ2	25	NZ - C	25	E-12376
T20	25	NZ - C	25	E-12382
T25	25	NZ - C	25	E-12398
T30	25	NZ - C	25	E-12653
T40	25	NZ - C	25	E-12669

# Impact black screw bit (25pcs set x 12 in counter display box)

- 25pcs bits comes in small flip top plastic case set and packed in a counter display carton as 12pcs set



Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
PH2	25	NZ - C	25 X 12	E-12360-12
PZ2	25	NZ - C	25 X 12	E-12376-12
T20	25	NZ - C	25 X 12	E-12382-12
T25	25	NZ - C	25 X 12	E-12398-12
T30	25	NZ - C	25 X 12	E-12653-12
T40	25	NZ - C	25 X 12	E-12669-12

# Impact black screw bit (10pcs set)

Bits comes in small flip top plastic case set which is convenient to carry and has good appearance.

Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
PH2	50	NZ - E	10	■ E-14211

# Impact Black Screw bits (10pcs set)

 Impact black screw bits set, consists of popular sizes in a compact pack and with key holder

Luxurious appearance screw bits and bit holder with rust resistance



Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
PH1			1	
PH2			3	
PH3			1	
T15	25	1/4" Hex	1	■ E-15849
T20			1	
T25			1	
T30			1	
Magnetic Bit H	lolder 60mm	1/4" Hex	1	

#### Double Ended Impact Black Screw bits (10pcs set)

 Impact black double ended screw bits feature Phillips heads at both the ends offer twice service life than single-tip screw bits

- Luxurious appearance with rust resistance

Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
PH2	65	1/4" Hex	10	■ E-15827
PH2	110	1/4" Hex	10	■ E-15833

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

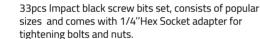
SAWING

ROUTERS / PLANERS

NAILERS / STAPLERS

**Impact Black Screw bit** 





Luxurious appearance screw bits and bit holder with rust resistance

The bit set set comes in a compact plastic case, which is convenient for your carriage and storage



Size	Shank Type	Part No
PH1, PH2x2, PH3 PZ1, PZ2X2, PZ3 SL0.5X3, SL0.8X4, SL0.8x5 SL1.2X6.5 T10, T15, T20X2, T25, T27, T30, T40 ST10, ST15, ST20, ST25 ST27, ST30, ST40 H3, H4, H5, H6 14"Hex Socket adapter Sleeve chunck bit holder	1/4" Hex	■ E-15687



Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
PH1			1	
PH2			1	
PH3			1	
T15	25	1/4" Hex	1	■ E-14227
T20			1	
T25			1	
T30			1	
Magnetic Bit H	lolder 60mm	1/4" Hex	1	

MULTI-TOOL



convenience or your co	arriage and storage
makita	1/4" Hex Socket Bit Holder

Size	Shank Type	Part No
PH1, PH2x2, PH3 PZ1, PZ2X2, PZ3 SL0.5X3, SL0.8X4, SL0.8x5 SL1.2X6.5 T10, T15, T20X2, T25, T27, T30, T40 ST10, ST15, ST20, ST25 ST27, ST30, ST40 H3, H4, H5,H6 14"Hex Socket adapter Sleeve chunck bit holder	1/4" Hex	■ E-15687



Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
PH1			1	
PH2			1	
PH3			1	■ E-14233
T15	50	1/4" Hex	1	
T20			1	
T25			1	

#### **Impact Black Screw bit** (35pcs set x 10 in cardboard box)

35pcs set comes in a plastic case which is sealed with clamshell and packed in a counter display carton as 10pcs







Size	Length (mm)	Part No
1xPH1,3xPH2,1xPH3   1xPZ1,3xPZ2,1xPZ3   1xT15, 2xT20, 2xT25,1xT30	25	
1xPH1,2xPH2,1xPH3   1xPZ1,2xPZ2, 1xPZ3 1xT15,1xT20,2xT25,1x T30   1xSL0.8x5.5	50	E-06638-10
Magnetic bit holder Magnetic Nut setter: 6mm,8mm,10mm,13mm		

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

## **Phillips bits**

Wide variety of bit types for all screwdriving needs

Driver type   Shank type	1/4" Hex. Shank type		1/4" Hex. Shank type		NZ	1/4" H	lex. Shank type	NZ	
Phillips (PH) Slotted (SL)	A	C - form		В	E -form (Single Ended)	14mm	C	E - form (Double Ended)	17mm

Dhilling hite

Phillips bits							
	Driver	Size	Length (mm)	Shank Type	Per Pkg	Part No	CUTTING (CONCRETE / METAL)
Transfitta   O	•	Ph 2	45	NZ - C	3	798308-1	GRINDING
	0	Ph 2	45	NZ - C, Hard	1	784229-3	SANDING / POLISHING
J2							SAWING
Trackite of the state of the st	0	Ph 2	65	NZ - C	3	B-04787	MULTI-TOOL
	•	Ph 2	65	NZ - C	1	784203-1	ROUTERS / PLANERS
							NAILERS / STAPLERS
	•	Ph 2	65	NZ - C, Hard	1	784230-8	HEAT GUN / LASER
Markith.	•	Ph 2	82	NZ - B	3	798336-6	CLEANING
							OPE
-	0	Ph 2	110	NZ - B	1	784234-0	JOBSITE TOOLS
100	0	Ph 2	110	NZ - C	3	798337-4	SPECIALTY TOOLS
		Ph 2	110	N7. 6	4		HAND TOOLS / COMBINATION SET
	•	1112	110	NZ - C	1	784206-5	TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING ONCRETE / METAL) ANDING / DLISHING ILTI-TOOL OUTERS / PLANERS NAILERS / STAPLERS AT GUN / LASER LEANING OPE JOBSITE TOOLS

	Phillips bits						
DRILLING / FIXING		Driver	Size	Length (mm)	Shank Type	Per Pkg	Part No
CONCRETE DRILLING / DEMOLITION		Ð	Ph 2	117	NZ - B for model 6834	5	A-12697
MIXING / STIRRING					Tor model 6834		
CUTTING (CONCRETE / METAL)	13 & O & S   5   15   15   15   15   15   15   1	•	Ph 2	132	NZ - B for model 6835D	5	A-16536
GRINDING		0	Ph 2	146	for model 6834	5	A-19825
SANDING / POLISHING							
SAWING	The state of the s	•	Ph 2	150	NZ - C	3	798338-2
MULTI-TOOL	G 1000	0	Ph 2	162	NZ - B for model 6842 DFR550	5	B-10481
ROUTERS / PLANERS							
NAILERS / STAPLERS		•	Ph 2	250	NZ - C	1	784221-9
HEAT GUN / LASER	The state of the s	<b>•</b>	Ph 3	45	NZ - C	3	798310-4
CLEANING							
OPE		<b>•</b>	Ph 3	50	NZ - C	10	P-06080
JOBSITE TOOLS	0	0	Ph 3	65	NZ - C	3	798311-2
SPECIALTY TOOLS			ni o	445	N7. C		700000
HAND TOOLS / COMBINATION SET	0		Ph 3	110	NZ - C	3	798339-0
TOOL HOLDERS AND POUCHES /		00	Ph 2 - SL 0.8	45	NZ - C	1	784614-0
MAKPAC SYSTEM							

## Phillips insert bits



	Drive	Size	Overall Length (mm)	Shank Type	Per Pkg	Part No
		PH 1	25	Δ	10	P-06030
10	•	rn i	25	А	3	B-23450
makita.	•	Ph 2	25	А	3	B-23466
Markita.	•	Ph 2	25	А	3	798398-4
<b>1</b> 0	0	PH 3	25	А	3	798314-6

CONCRETE DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

#### **Slotted bits**

• Wide variety of bit types for all screwdriving needs



	Drive	A(mm)	B(mm)	Length (mm)	Shank Type	Per Pkg	Part No
. = 1	•	0.6	5.0	45	NZ - B	3	798301-5
	•	1.2	8.0	45	NZ - B	3	798300-7
0	•	1.2	10	52	NZ - B	3	798303-1
	•	1.2	10	70	NZ - B	3	798304-9

#### Flexible shaft bit

- Flexible extension for screwing in confined, difficult to access corners.
- Application: Kitchens, Joinery, Drilling
- Suitable for carpenters, interior decoration suppliers, plumbers, electric equipment supplier and car maintenance suppliers.



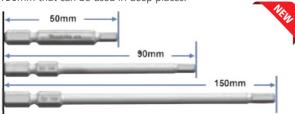
Length (mm)	Per Pkg	Part No
300mm	1	R-51867

CLEANING

#### **Hex Screw Bits**

Screw bit 1/4"Hex Shank (NZ)

Wide range of lengths from the general total length of 50mm to 150mm that can be used in deep places.





Size	Length (mm)	Shank Type	Pcs/ pkg	Part No
НЗ	50	NZ - E	3	■ D-74930
H4	50	NZ - E	3	■ D-74946
H5	50	NZ - E	3	■ D-74952
Н6	50	NZ - E	3	■ D-74968
НЗ	90	NZ - E	1	■ D-74974
H4	90	NZ - E	1	■ D-74980
H5	90	NZ - E	1	■ D-74996
Н6	90	NZ - E	1	■ D-75007
НЗ	150	NZ - E	1	■ D-75013
H4	150	NZ - E	1	■ D-75029
H5	150	NZ - E	1	■ D-75035
Н6	150	NZ - E	1	■ D-75041

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **Phillips Magnetic bit holder**

(For insert bit)



Non-Magnetic

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

SHANK

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

	TYPE	SIZE (MM)	LENGTH (MM)	FOR MODEL	PER PKG	PART NO
	Magnetic	6.35	60	6821	1	784811-8
	Magnetic	6.35	60	6821	1	P-05979
	Magnetic	6.35	75	6823, 6824, 6825	1	P-05985
~==	Magnetic	6.35	76	6823, 6824, 6825	1	784801-1

6.35

76

## **Magnetic Nut Setter**

CHARLES

B series : 50mm NZ type



Type / Size		Part No
1x Magnetic Nut Setter	Size: 8mm X 50mm	B-38934
1x Magnetic Nut Setter	Size: 10mm X 50mm	B-38940
1x Magnetic Nut Setter	Size:13mm X 50mm	B-38962
1x Magnetic Nut Setter	Size: 13mm	P-51736

## **Hex to Square Socket Adapter**

For use with 3 Jaw, Maklok chuck and 1/4" Hex drive tools

	Type / Size		Part No
makita — — — — — — — — — — — — — — — — — — —	1x Hex to Square Socket Adaptor	Size: 1/4"x3/8"	P-51839

ART NO

## 31pcs Screw Bit Set In Battery **Shape Case**

• Comes in Makita slide battery shaped case with a transparent cover and shield with clamshell pack.

• It is convenient for single hand opening



## 10pcs Screw Bit Set in a Clamshell

• The Screwdriver Bit Set can be attached to your waist belt using the carabiner hook to avoid dropping and for safety in working in a high place.







784604-3

SIZE	LENGTH	P
PHO, PH1, PH2x4, PH3, P70 P71 P72x4 P73		

T10, T15, T20x2, T25x2, T27, T30, T40 B-69901 C-form 25mm HEX3, HEX4, HEX5, HEX6 SL 0.6X4.5, SL 0.8X5.5, SL 1.2X6.5 1/4" Hex 60mm Bit holder

SHANK	SHANK LENGTH	SIZE	PART NO
1/4" Hex	50mm	PHO, PH1, PH2x4, PH3, PZO, PZ1, PZ2x4, PZ3, T10, T15, T20x2, T25x2, T27, T30, T40 HEX3, HEX4, HEX5, HEX6 SL 0.6X4.5, SL 0.8X5.5, SL 1.2X6.5	D-67620

#### **Torsion bits**

#### a) Double ended torsion bits b) Double ended twist torsion bits **Advantages of Torsion bits**

The high torque produced by impact drivers will damage standard screwdriver bits but the new Makita double ended torsion screwdriver bit out performs beyond all expectations, lasting up to 10 times longer than a standard bit.

- Torsion bits can last longer than a regular screw bit.
- Absorbs the shock on contact and prevents the bit from chipping and extends the life
- For continuous high torque fastening with impact drivers. and ideal for self-drilling metal screws and long wood screws

#### a) Double ended torsion bits

• Can last up to 10x longer than a regular screw bit.









ТҮРЕ	SHAPE	LENGTH (MM)	FOR	PER PKG	PART NO
Magnetic	PH2	65	Impact drivers	3	B-55376

## b) Double ended twist torsion bits

• Can last up to 20x longer than a regular screw bit.

• The bottle has both magnetizing and demagnetizing function.



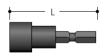


200X	

ТҮРЕ	SHAPE	LENGTH (MM)	FOR	PER PKG	PART NO
Magnetic	PH2	65	Impact drivers	10pcs of bit in each bottle.	B-63127

#### Socket bit





Туре	Bolt Size	A(mm)	L(mm)	Shank Type	Per Pkg	Part No
Non-Magnetic	M3	5.5	55	NZ - B	1	784401-7
Non-Magnetic	M4	7.0	55	NZ - B	1	784402-5
Non-Magnetic	M5	8.0	55	NZ - B	1	784403-3
Non-Magnetic	M6	10	55	NZ - B	1	784405-9
Non-Magnetic	M5	8.0	65	MZ - B	1	784415-6
Magnetic	M6	10	65	MZ - B	1	784806-1
Non-Magnetic	M6	10	70	NZ - B	1	784406-7
Non-Magnetic	M8	12	86	NZ - B	1	784407-5
Non-Magnetic	M8	13	55	NZ - B	1	784408-3
Non-Magnetic	M8	14	55	NZ - B	1	784409-1
Non-Magnetic	M10	17	55	NZ - B	1	784416-4

Туре	Bolt Size	A(inches)	L(mm)	Shank Type	Per Pkg	Part No
Magnetic	3/16"	5/16"	55	NZ - B	1	784808-7
Magnetic	3/16''	5/16"	65	MZ - B	1	784804-5
Magnetic	1/4"	3/8"	65	MZ - B	1	784802-9
For self drilling screw	1/4"	3/8"	55	NZ - B	1	784404-1
Magnetic	1/4"	3/8"	55	NZ - B	1	784809-5
Magnetic	1/2"	7/16"	65	MZ - B	1	784805-3

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

## Locator assembly

• For Screwdrivers and Drywall Screwdrivers

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

			For Model	Per Pkg	Part No
		6820V	1	122450-0	
		6821	1	152483-1	
			6823	1	151760-8
			6824, 6825	1	151726-8
			6826	1	152823-3
			FS2300, FS4300, FS6300	1	158876-0

GRINDING

#### Front cap

• For socket bit

• For Screwdrivers and Drywall Screwdrivers



SAWING

SANDING / POLISHING

For Model	Size (mm)	Per Pkg	Part No
6801B, 6850BV, 6827, FS2700	12	1	322070-2

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

#### **Autofeed attachment set for Screwdrivers**

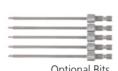
• For Drywall screwdrivers

• Able to fasten even in a tight corner

• Reverse function

• One-touch attachment / removal with 8 angle settings





	m-e
Optional	Bits

			Optional Bits
For Model	Standard Equipment Bit	Part No	Part No
DFS250, DFS452, FS2300, FS4300, FS6300	Phillips No.2, Square No.2	199078-9	Optional Bits for Autofeed attachment set Phillips No.2 (5pcs) Part No. <b>199155-7</b>



OPE

## Casing 55 set for Auto feed Screwdriver

JOBSITE TOOLS



For Model	Part No
DFR551	191W94-5

SPECIALTY TOOLS

## Long Bits for Auto feed Screwdriver

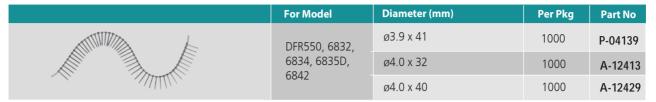
HAND TOOLS / COMBINATION SET



For Model	Туре	Per Pkg	Part No
DFR551	+ bit 2-155 set	5pcs	191V02-0
DFR551	Square bit 2-155 set	5pcs	191V04-6
DFR551	Pozidrive bit 2-155 set	5pcs	191V06-2

#### **Drywall screw strip**

- For Auto Feed Screwdrivers
- 50pcs x 20 strips per box



DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

> NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

1/2"

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **Extension handle bar**

- For Auto Feed Screwdrivers
- More comfortable and less fatigue and faster installation
- Enables user to use auto feed screwdriver on floor or ceiling



For Model	Dimension	Per Pkg	Part No
6832, 6834	890-990mm	1	192501-3
DFR550, 6842	-	1	194500-1



## **Impact Black Impact Sockets**



- \* Anti-rust treatment on the socket surface with high-class matte black appereance
- \* Large icons of socket hole shape and size with clear Makita logo on socket body
- \* Blue coloured O-ring groove increases the visibility and enables quick idenfication of brand





Impact Sockets for	1/2"(12.7mm) anvil
impact occitors io.	.,_ (,,,

Size	Length (mm)	Part No.
8mm	38	E-16047
10mm	38	E-16069
12mm	38	E-16081
13mm	38	E-16097
14mm	38	E-16106
17mm	38	E-16134
18mm	38	E-16140
19mm	38	E-16156
21mm	38	E-16178
22mm	38	E-16184
24mm	38	E-16209
27mm	42	E-16215
30mm	42	E-16221
32mm	44	E-16237

(all the above sockets are without O-ring & Pin)



Deep Impact Sockets for	1/2"	(12.7mm	) anvil
-------------------------	------	---------	---------

Deep impact	Sockets for 1/2 (1	2.7 mm) anvii
Size	Length (mm)	Part No.
8mm	81.5	E-16405
10mm	81.5	E-16411
12mm	81.5	E-16433
13mm	81.5	E-16449
14mm	81.5	E-16455
17mm	81.5	E-16477
18mm	81.5	E-16483
19mm	81.5	E-16499
21mm	81.5	E-16508
22mm	81.5	E-16514
24mm	81.5	E-16520
27mm	81.5	E-16536
30mm	81.5	E-16542
32mm	81.5	E-16558

(all the above sockets are without O-ring & Pin)

## CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

JOBSITE TOOLS

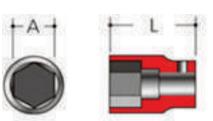
OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## Impact socket for impact wrenches



32mm







• For Impact Wrenches with 12.7mm (1/2") square drive.

• For model: 6953, 690VH, 6905B, TW005G, TW008G TW0350, DTW285, DTW251, DTW181, DTW300, DTW701



п	m		=#	
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A (MM)	L (MM)	PART NO
08mm	81.5mm	B-52146
10mm	81.5mm	B-52152
12mm	81.5mm	B-52174
13mm	81.5mm	B-52180
14mm	81.5mm	B-52196
17mm	81.5mm	B-52211
18mm	81.5mm	B-52227
19mm	81.5mm	B-52233
21mm	81.5mm	B-52249
22mm	81.5mm	B-52255
24mm	81.5mm	B-52261
27mm	81.5mm	B-52277
30mm	81.5mm	B-52283

(all the above sockets are without O-ring & Pin)

81.5mm

#### O ring set for 1/2"square impact socket

Size	Set	Part No
8mm -16mm	3рс	B-54542
17mm	3рс	B-54558
18mm and 19mm	3рс	B-54564

3рс

#### Pin set for 1/2"square impact socket

20mm - 32mm



B-54570

1/2"

Size	Set	Part No
8mm -16mm	Зрс	B-54586
17mm	Зрс	B-54592
18mm and 19mm	Зрс	B-54601
20mm-32mm	Зрс	B-54617

## Impact sockets for impact wrenches









B-52299

• For Impact Wrenches with 25.4mm (1") square drive.

• For model: 6910, TW1000



A (mm)	L (mm)	Per Pkg	Part No
35	80	1	134864-1
36	80	1	134865-9
41	80	1	134872-2

(all the above sockets are with Pin and O-Ring)

- For Impact Wrenches with 12.7mm (1/2") square drive.

TW0350, DTW285, DTW251, DTW181, DTW300, DTW701



A (mm)	L (mm)	Per Pkg	Part No
27	50	1	134844-7
27	78	1	134845-5
30	50	1	134846-3
30	78	1	134847-1
32	50	1	134848-9
32	78	1	134849-7

### Impact sockets for impact wrenches

• For Impact Wrenches with 12.7mm (1/2") square drive.

• For model: 6953, 690VH, 6905B, TW005G, TW008G TW0350, DTW285, DTW251, DTW181, DTW300, DTW701



• For Impact Wrenches 19mm (3/4") square drive.

• For model: 6906, TW001G, DTW1001



A (mm)	L (mm)	Per Pkg	Part No	A (mm)	L (mm)	Per Pkg	Part No
12	75	1	134867-5	17	50	1	A-85494
13	38	1	134825-1	17	95	1	A-85503
13	52	1	134827-7	19	50	1	A-85519
14	38	1	134826-9	19	95	1	A-85525
14	52	1	134828-5	21	52	1	A-85531
17	38	1	134829-3	21	95	1	A-85547
17	52	1	134830-8	22	52	1	A-85553
19	38	1	134831-6	22	95	1	A-85569
19	52	1	134832-4	24	52	1	A-85575
19	78	1	134837-4	24	95	1	A-85581
21	38	1	134838-2	26	52	1	134853-6
21	52	1	134833-2	26	95	1	134854-4
21	78	1	134839-0	27	52	1	134855-2
22	38	1	134851-0	27	95	1	134856-0
22	52	1	134834-0	30	52	1	134857-8
23	38	1	134840-5	30	95	1	134858-6
23	52	1	134835-8	32	52	1	134871-4
24	45	1	134841-3	32	95	1	134859-4
24	52	1	134836-6	35	56	1	134860-9
26	50	1	134842-1	36	56	1	134862-5
26	78	1	134843-9	36	95	1	134863-3

## 9pcs 1/2" Impact Socket with Socket Adapter Set

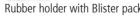
- It allows impact driver to fasten or loosen bolt and nut
- Ball type socket adapter allows easy attaching or detaching sockets

Sizes: 8, 10, 12, 13, 14, 15, 17, 18mm Socket adapter 50mm



(1pc Socket Adaptor and 8pcs Impact Socket)





	Name of the last
	1
older with Blister pack	

	A A	150
er with Blister pack		1/27

ТҮРЕ	SHANK TYPE	SIZE	FOR	PER PKG	PKG WITH COUNTRY OF ORIGIN	PART NO
1/4''Hex (NZ)	NZ-B	SQ 1/2''	Impact drivers	9pcs/ (1 set)	Yes	B-55762

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

DRILLING

## 14pcs 1/2" Drive Deep Impact Socket Bit Set

• Deep socket makes it possible to fasten and loosen the nut to further long bolt and able to work on such a long protruded bolt

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING





**PART NO** 

B-52308

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITI TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

PKG WITH COUNTRY OF ORIGIN **PER PKG** DESCRIPTION SIZE (MM)

## 3pcs 1/2" Drive Multi Color Deep Impact Socket Bit Set

10, 11, 12, 13, 14, 16, 17, 19,

21, 22, 24, 27, 30, 32 x 81.5mm

- Deep Impact sockets come with plastic sleeve + plastic bolt top to protect both the rim and the wheel nut from scratches
- Each size of the impact socket plastic sleeves has different colour for easy size identification
- Set includes fabric bag with belt loop for safe storage



For 1/2 "(12.7mm) anvil with O-ring

and Pin





14pcs/

(1 set)



SIZE (MM)	LENGTH	PART NO
17mm (Blue)   19mm (Yellow)   21mm (Red)	86 mm	E-12354

Pin and O-ring are not included with the socket

Yes

## Extension for 1/2" Square Drive Impact Wrench

- To fasten bolts and nuts wherever deep socket cannot reach
- It has ball type extension which allows easy attaching or detaching sockets







SIZE	LENGTH (MM)	PER PKG	PART NO EXTENSION	PART NO PIN	PART NO O-RING
1/2''	250	1	B-55706	B-54586	B-54542
1/2''	150	1	B-55712	B-54586	B-54542
1/2''	75	1	B-55728	B-54586	B-54542

Pin and O-ring are included with the socket

## **Extension Handle Set for Impact Wrench**

- By attaching this extension, the user can do downward bolt-tightening/loosening continuously without bending over
- Telescopic pipe section is adjustable to user's height in 5 stages by pulling the knob.



FOR MODEL	OVERALL LENGTH	PART NO
TW008G, DTW1001, DTW701	657mm - 807mm Range of motion: 150mm	191G67-2

## Extension for 1/2" | 3/5" | 1" Square Drive Impact Wrench

• To fasten bolts and nuts wherever deep socket cannot reach





FOR MODEL	SIZE	LENGTH (MM)	PER PKG	PART NO
6918D , 6953, 6904VH,TW005G, TW008G, DTW181, DTW251, DTW281, DTW285, DTW300, DTW701	1/2"	100	1	134874-8
TW001G, DTW1001, 6906	3/4"	150	1	134997-2
6910, TW1000	1"	200	1	134870-6

(All the above sockets are with O-ring & Pin)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

## **Bit Adapter Assembly**

- For 1/2" Impact Wrenches.
- Enables tool to fasten machine screws.
- Comes with Pin and O ring
- Application: Cladding roofing steel



FOR MODEL	SIZE	PER PKG	PART NO
6918D , 6953, 6904VH, TW005G, TW008G, DTW181, DTW251, DTW281, DTW285, DTW300, DTW701	1/2"	1	134873-0

#### **Universal Joint**

- Universal joint alters angle of drive for impact wrenches.
- For use in a limited space where the tool cannot be held in line with the axis of the bolt or nut.

• Greater flexibility.

For Impact Driver



FOR MODEL	SIZE	LENGTH (MM)	PER PKG	PART NO
6918D , 6953, 6904VH, DTW190, DTW181, DTW251, DTW281, DTW285, DTW300, DTW450, DTW701, TW005G, TW008G	1/2"	84	1	134877-2
TW001G, DTW1001, 6906	3/4"	150	1	134998-0

(All the above sockets are with O-ring & Pin)

## 1/4" Hex shank screwdriver bits adapter

- for ½"square driver impact wrenches
- Enables tool to fasten machine screws



/4" Hex shank		
		Triak
1/4" Hex shank bits	Adapter	
		1/2 Square Drive Impact Wrenches

FOR MODEL	SIZE	PER PKG	PART NO
6918D , 6953, 6904VH,TW005G, TW008G, DTW181, DTW251, DTW281, DTW285, DTW300, DTW701	1/2"	1	B-68476

# **Drill Chuck Assembly**

FOR MODEL	PER PKG	PART NO.
CONNECT BIT 6.35-48 NZ FOR IMPACT DRIVER	1	191880-6

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

Use it with the impact wrench for removing



FOR MODEL	PER PKG	PART NO.
Use with impact Wrench	1	195870-1

### **Angle Attachments** for TL064 / TL065

SDS-MAX bit stuck on rebar in concrete.

Impact driver Impact Wrench











Part No. 192439-2

GRINDING

SANDING /
POLISHING

SAWING

## **Socket Adapter** for TL064 / TL065

Impact driver Impact Wrench

use with Ratchet head

Part No. Size 9.5mm (3/8") 134745-9 12.7mm (1/2") 134746-7

### Socket adapter **Ratchet Wrench DWR180, WR100D**

use with Ratchet head

Size	Part No.
9.5mm (3/8'') 6.3mm (1/4'')	



MULTI-TOOL

ROUTERS / PLANERS

Grip	Asse	mbly
------	------	------

• For Impact Wrenches.



FOR MODEL	PER PKG	PART NO
6906	1	122464-9
6910	1	123018-5
6910	1	122464-9
TW1000	1	122727-3

NAILERS / STAPLERS

HEAT GUN



#### **Protector Cover**



FOR MODEL	ТҮРЕ	PER PKG	PART NO
TW001G	А	1	<b>413G38-2</b>
DTW701, TW008G	А	1	<b>413G39-0</b>
DTW1001, DTW800	А	1	<b>413G40-5</b>
TD1112	В	1	<b>422718-7</b>

OPE

JOBSITE TOOLS

#### **Tool Catcher Set**

- Enables to hook the machine on a snap hook of waist belt.
- This is convenient for temporarily hanging the tool from belt.
- Usage of this clip helps users to keep their hands free while working at elevated work site.

Type A: Tool catcher set can be used for below types of cordless machine

SPECIALTY TOOLS DDA ANGLE DRILL DDF DRIVER DRILL PERCUSSION DRIVER DRILL DHP DTD IMPACT DRIVER HAND TOOLS / COMBINATION SET DTP 4 MODE IMPACT DRIVER

DTW DPT PIN NAILER DST





#### Type B: Tool catcher set with shoulder belt

Can be used with DTD152, DTD134, DTD148, DTD170, DTS141, DTW190, DTW250, DTW251, DTW280, DTW281, DTW285, DTW181, DTD152, DTD171, DTW300, DTW301





For model		Part No.
Type A	Hook	197043-2
Type B	Strap with Hook	197941-0
TD001G, TW004G, TW005G	Hook	191F58-7
TD112D	Hook	<b>281012-4</b>

# Concrete Drilling | Demolition Rotary / Combination Hammers, Chipping Hammers,

Demolition Hammers, Power Scrapers



# **Anti Vibration Technology**

The benchmark in vibration reduction Makita demolition tools are among the best in the world. Working with users to solve this problem, Makita's AVT products have been designed in close relation to users needs at site level.

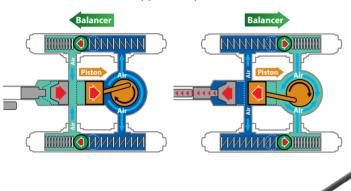
## **Under load**



## **Active Protection**

## **Active dynamic absorber**

Shift of air pressure in crank room and barrel room "actively" controls balancer to move opposite of piston.

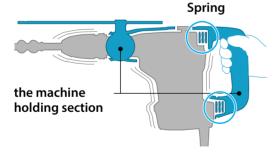








## **Passive Protection**



## Vibration absorbing housing

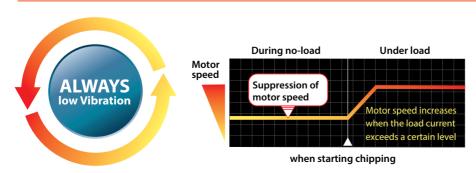
The level of vibration is further reduced by completely separating the machine holding section from the motor/transmission section



#### **Damper spring**

absorbs reaction force caused by drill bit at the moment of impact.

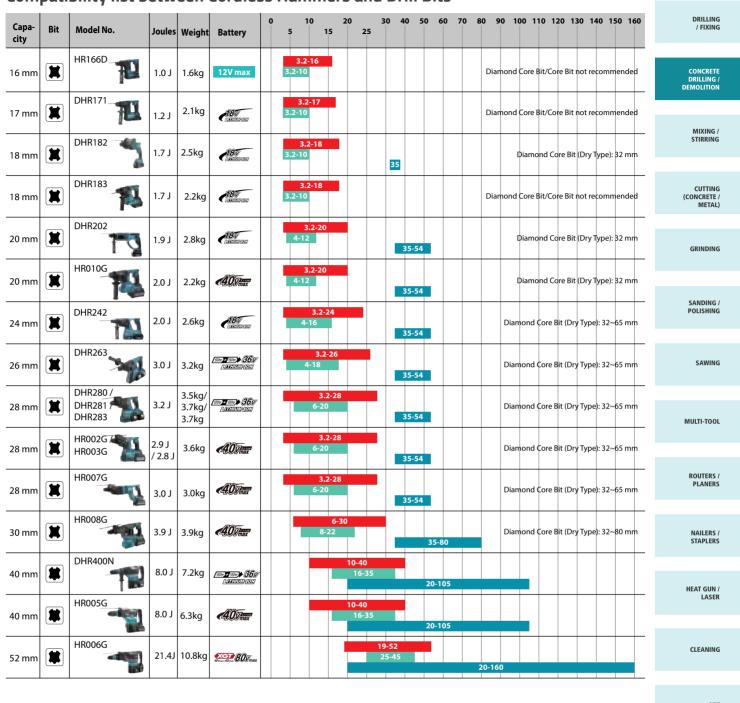
## **During No-load**



## Soft no load function

- reduces vibration of tool body when idling, accordingly decreases the amount of vibration to operator's hands during a day's operation.
- minimizes deflection of bit tip from aiming point when starting chipping.

#### Compatibility list between Cordless Hammers and Drill Bits



Adapted for SDS-MAX bits

Adapted for SDS-PLUS bits

CLEANING

OPE

Compatible size range of TCT Drill Bit Recommended size range of Drill Bit Compatible size range of Core Bit

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

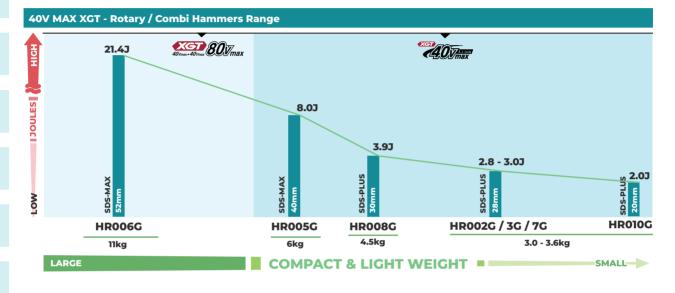
SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

TOOL ONLY (WITH CARRY CASE)
(DOES NOT INCLUDE BATTERY / CHARGER )









#### **HR008G** 30mm 40V MAX | (XS)

#### **Cordless Combination Hammer (SDS-PLUS)**







#### Powerful yet with low vibration compared to similar range of corded models

- Drilling efficiency drastically increased with new hammering mechanism
- Compatible with DX10 dust collection system (optional)

Impact Energy	3.9 J (EPTA)
Capacity	Concrete / Steel / Wood / Core Bit / Diamond
	Core Bit (Dry Type): 30 / 13 / 32 / 80 / 80 mm
Blows Per Minute (BPM)	0 - 4,500
No Load Speed (RPM) 0 - 840	
Vibration Level	Hammer Drilling into Concrete: 9.1 m/s <sup>2</sup>
Sound Pressure Level	94 dB(A)
Dimensions (L x W x H)	396 x 97 x 242 mm
Net weight	4.5kg (without battery)

Standard Equipment: Side Grip, Depth Gauge

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
HR008G M2 INCLUDES 2 BATTERIES / 1 CHARGER / CARRYCASE	HR008G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYCASE )

#### HR007G 28mm

#### 40V MAX | **€**X**©**



#### Cordless Combination Hammer (SDS-PLUS)





#### **Excellent drilling performance, compact & lightweight**

- Higher work efficiency than other 28mm XGT hammers
- Compatible with DX15 dust collection system (optional)

TO THE STATE OF TH	K IO <i>(40Vmm Bl. AFT AWS AVT XPI</i>
Impact Energy	3.0 J (EPTA)
Capacity	Concrete / Steel / Wood / Core Bit / Diamond Core Bit
	(Dry Type): 28 / 13 / 32 / 54 / 65 mm
Blows Per Minute (BPM)	0 - 5,000
No Load Speed (RPM)	0 - 980
Vibration Level	Hammer Drilling into Concrete: 7.5 m/s <sup>2</sup>
	Chiselling Function w/ Side Grip: 8.6 m/s <sup>2</sup>
Sound Pressure Level	94 dB(A)
Sound Power Level	105 dB(A)
Dimensions (L x W x H)	456 x 101 x 185 mm
Net weight	3.0 kg (without battery)

Standard Equipment: Side Grip, Depth Gauge

HR003G 28mm

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
HR007G M2 INCLUDES 2 BATTERIES / 1 CHARGER / CARRYCASE	HR007G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

## NAILERS / STAPLERS

#### **Cordless Combination Hammer (SDS-PLUS)**





40V MAX | **(XS)** 



CLEANING

HEAT GUN /

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



#### **Excellent drilling performance, Extremely compact &** lightweight combination hammer

• Compatible with DX14 dust collection system (optional)



Impact Energy	2.9 J (EPTA)
Capacity	Concrete 28 / Steel 13 / Wood 32 / Core Bit 54 /
	Diamond Core Bit (Dry Type) 65 mm
Blows Per Minute (BPM)	0 - 5,000
No Load Speed (RPM)	0 - 980
Chuck Capacity	1.5 - 13 mm
Sound Pressure Level	93 dB(A)
Sound Power Level	104 dB(A)
Dimensions (L x W x H)	387x102x232 mm
Net weight	3.6 kg (without battery)

Standard Equipment: Side Grip, Depth Gauge, QCD chuck

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
HR002G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	HR002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

#### **Excellent drilling performance, Extremely compact &** lightweight combination hammer

• Good Tool Balance for Increased Operability

Impact Energy	2.8 J (EPTA)
Capacity	Concrete 28 / Steel 13 / Wood 32 / Core Bit 54 /
	Diamond Core Bit (Dry Type) 65 mm
Blows Per Minute (BPM)	0 - 5,000
No Load Speed (RPM)	0 - 980
Chuck Capacity	1.5 - 13 mm
Sound Pressure Level	95 dB(A)
Sound Power Level	106 dB(A)
Dimensions (L x W x H)	356x102x232 mm
Net weight	3.6 kg (without battery)

Standard Equipment: Side Grip, Depth Gauge

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
HR003G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	HR003G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

**HR010G** 20mm

40V MAX | X

( **3** mod

**Cordless Combination Hammer (SDS-PLUS)** 



#### **Excellent drilling performance, compact & lightweight**

- Higher work efficiency than other 28mm XGT hammers
- Compatible with DX15 dust collection system (optional)

Standard Equipment: Side Grip, Depth Gauge

mpact Energy	2.0 J (EPTA)
Capacity	Concrete / Steel / Wood : 20 / 13 / 26mm
Blows Per Minute (BPM)	0 - 5,000
No Load Speed (RPM)	0 - 1,510
Dimensions (L x W x H)	289 x 93 x 217 mm
Net weight	2.2 kg (without battery)

AVAILABLE VARIANTS		
2.5Ah	"Z" VARIANT	
HR010G D2 INCLUDES 2 BATTERIES / 1 CHARGER / CARRYCASE	HR010G Z TOOL ONLY (DOES NOT INCLUDE BATTERY (CHARGER))	

#### **Dust Extraction System for effective cleaning**

# The Dust Extractor Attachment with HEPA Filter to capture concrete dust during drilling HEPA Overall length: 260mm

- Depth gauge can be adjusted simply by pushing a button
- Transparent dust case for easy checking of collected dust amount
- Filter cleaning mechanism the dust falls off from the filter by turning the dial
- Twin LED job light
- Large dust case cover can be opened simply by pushing a single push button for easy dust cleaning

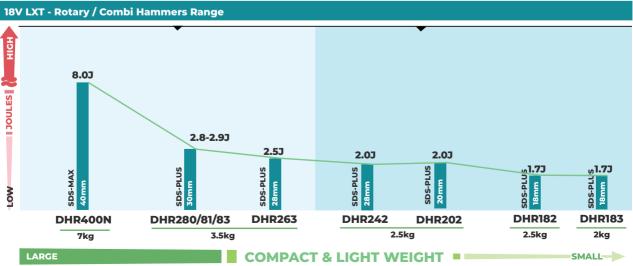


	DX14 (191E58-1)	DX12 (191E52-3)	DX15 (191X39-9)	DX10 (191F95-1)	DX16 (1911P2-6)
Compatible tool	HR002G	HR003G	HR007G, HR2663	HR008G, HR3011FC	HR010G, DHR183
Dust capacity	400 mL	400 mL	400 mL	400 mL	400 mL
Bit dia	28 mm	28 mm	28 mm	30 mm	20 mm
Bit length	160 mm	160 mm	260 mm	265 mm	165 mm
Usable length	190 mm	190 mm	190	190 mm	105 mm
Net weight	1.6kg	1.6kg	1.2kg	1.2kg	0.77kg





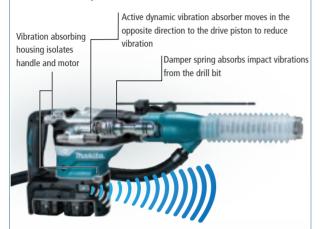
AND POUCHES / MAKPAC SYSTEM



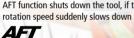


#### SDS-MAX Rotary hammer - Powered by two 18V Li-ion batteries

- Excellent performance equivalent to AC Model
- BL Motor & AVT + SOFT NO LOAD Functions Deliver High Power and Low Vibration
- 2 Mode operation Hammering with rotation and Rotation only
- With auto wireless system









Bluetooth



#### AWS AVT & SOFT AFT

Impact Energy	8.0 J (EPTA) 11.4 J (Non EPTA)
Capacity	Concrete (w/ T.C.T. bit) : 40 mm
	Concrete (w/ Core bit) : 105 mm
Blows Per Minute (BPM)	1,450 - 2,900
No Load Speed (RPM)	250 - 500
Sound Pressure Level	91 dB(A)
Sound Power Level	102 dB(A)
Vibration Level	Hammer Drilling Into Concrete: 5.0 m/s <sup>2</sup>
Dimensions(L x W x H)	473x120x285 mm
Net weight	7.2kg (without battery)

Standard Equipment: Side Handle, Depth Gauge

AVAILABLE VARIANTS
"Z" VARIANT
DHR400N ZKU TOOL ONLY - WITH CARRY CASE AND BLUETOOTH CHIP (OGES NOT INCLUDE BATTERY / CHARGER)

**DHR283** 28mm

18Vx2

DRILLING / FIXING

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **Cordless Combination Hammer (SDS-PLUS)**

• BL Motor & AVT + SOFT NO LOAD Functions Deliver High Power and Low Vibration

• AFT function shuts down the tool, if the rotation speed suddenly slows down



	K ID MAN SON LXT BL XPT
AWS AVTAFT	
Impact Energy	2.9 J (EPTA) 3.2 J (Non EPTA)

Impact Energy	2.9 J (EPTA) 3.2 J (Non EPTA)	
Capacity	Concrete / Steel / Wood / Core Bit / Diamond Core Bit:	
	28 / 13 / 32 / 54 / 65 mm	
Blows Per Minute (BPM)	0 - 5,000	
No Load Speed (RPM)	0 - 980	
Vibration Level	Hammer Drilling into Concrete: 9.5 m/s <sup>2</sup>	
Sound Pressure / Power Level	92 dB(A) / 03 dB(A)	
Dimensions (L x W x H)	404x134x232 mm	
Net weight	3.7 kg (without battery)	

AVAILABLE VARIANTS

Standard Equipment: Depth Gauge, Side Grip. Quick change drill chuck

#### "Z" VARIANT

#### DHR283 ZJ

TH MAKPAC CASE (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP)

**DHR281** 28mm

Cordless Combination Hammer (SDS-PLUS)









18Vx2 /LX75

BL Motor & AVT + SOFT NO LOAD Functions Deliver High Power

and Low Vibration 

#### AVT& SOFT

Impact Energy	2.9 J (EPTA) 3.2 J (Non EPTA)	
Capacity	Concrete / Steel / Wood / Core Bit / Diamond Core Bit (Dry Type):	
	28 / 13 / 32 / 54 / 65 mm	
Blows Per Minute (BPM)	0 - 5,000	
No Load Speed (RPM)	0 - 980	
Vibration Level	Hammer Drilling into Concrete: 9.5 m/s <sup>2</sup>	
	Drilling Into Metal: 2.5 m/s <sup>2</sup>	
Sound Pressure Level	92 dB(A)	
Sound Power Level	103 dB(A)	
Dimensions (L x W x H)	404x134x232 mm	
Net weight	3.7 kg (without battery)	

Standard Equipment: Depth Gauge, Side Grip. Quick change drill chuck

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DHR281 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER AND MAKPACK CASE	DHR281 ZJ TOOL ONLY - WITH MAKPAC CASE (DOES NOT INCLUDE BATTERY / CHARGER)	

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DHR280** 28mm



#### **Cordless Combination Hammer (SDS-PLUS)**





#### SDS-PLUS Combination hammer - Powered by two **18V Li-ion batteries**

- BL Motor & AVT + SOFT NO LOAD Functions Deliver High Power and Low Vibration
- 3 Mode operation Rotation only, Hammering with rotation and Hammering only



AVT & SOFT

Impact Energy	2.8 J (EPTA) 3.2 J (Non EPTA)	
Capacity	Concrete / Steel / Wood / Core Bit / Diamond Core Bit (Dry Type):	
	28 / 13 / 32 / 54 / 65 mm	
Blows Per Minute (BPM)	0 - 5,000	
No Load Speed (RPM)	0 - 980	
Vibration Level	Hammer Drilling into Concrete: 9.5 m/s <sup>2</sup>	
	Drilling Into Metal: 2.5 m/s <sup>2</sup>	
Sound Pressure Level	92 dB(A)	
Sound Power Level	103 dB(A)	
Dimensions (L x W x H)	404x134x232 mm	
Net weight	3.5 kg (without battery)	

Standard Equipment: Depth Gauge, Side Grip

**DHR242** 24mm

AVAILABLE VARIANTS	
5.0Ah "Z" VARIANT	
DHR280 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER AND MAKPACK CASE	DHR280 ZJ TOOL ONLY - WITH MAKPAC CASE (DOES NOT INCLUDE BATTERY / CHARGER)

#### **DHR263** 26mm



#### Cordless Combination Hammer (SDS-PLUS)







#### Combination hammer - Powered by two 18V Li-ion batteries

- Vibration absorbing handle provides comfortable operation
- 3 Mode operation Rotation only, Hammering with rotation and Hammering only
- Ergonomic soft grip handle and large 2-finger trigger provide increased comfort



Impact Energy	2.5 J (EPTA) 3.0 J (Non EPTA)
Capacity	Concrete / Steel / Wood: 26 / 13 / 32 mm
Blows Per Minute (BPM)	0 - 5,000
No Load Speed (RPM)	0 - 1,250
Vibration Level	Hammer Drilling Into Concrete: 15.5 m/s <sup>2</sup>
	Drilling Into Metal: 5.0 m/s <sup>2</sup>
Sound Pressure / Power Level	94 dB(A) / 105 dB(A)
Dimensions (L x W x H)	374x116x232 mm
Net weight	3.2 kg (without battery)

Standard Equipment: Depth Gauge, Side Grip.

AVAILABLE VARIANTS	
3.0Ah	"Z" VARIANT
DHR263 RF2 INCLUDES 2 BATTERIES / 1 CHARGER AND CARRY CASE	DHR263 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### 18V | /LXT

#### **Cordless Combination Hammer (SDS-PLUS)**





#### Efficient brushless DC motor provides higher productivity

- Excellent maneuverability achieved by in-line grip and ideal gravity point close to handle for easy machine thrust.
- Versatile 3-Mode operation Hammering, Hammering with rotation and Rotation.
- Unique rubber joint construction to supress the transmission of vibration.
- Can be attached with the dust extraction system DX01Part no: 195897-1(optional).

## 

Impact Energy	2.0 J (EPTA)
Capacity	Concrete: 24 mm / Steel: 13 mm / Wood: 27 mm
Impacts Per Minute (IPM)	0-4,700
No Load Speed (RPM)	0-950
Sound Pressure Level	90 dB(A)
Sound Power Level	101 dB(A)
Vibration Level	Hammer Drilling Into Concrete: 13.5 m/s <sup>2</sup>
	Chiseling: 10.5 m/s <sup>2</sup> / Drilling: 3.5 m/s <sup>2</sup>
Dimensions (L x W x H)	328x85x213mm
Net weight	2.6 kg (without battery)

Standard Equipment: Depth Gauge, Side Grip. (Tool does not come with bit.)

AVAILABLE VARIANTS			
6.0Ah	5.0Ah	3.0Ah	"Z" VARIANT
DHR242 RGJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHR242 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHR242 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHR242 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

#### **DHR202** 20mm

18V | **ZXT** 

#### Cordless Combination Hammer (SDS-PLUS)







#### High operation efficiency with high torque

- Versatile 3-Mode operation Hammering, Hammering with rotation and Rotation.
- Unique rubber joint construction to supress the transmission of vibration.
- Torque limiter operates to stop when drill bits hit against reinforcements.
- LED job light with afterglow function.
- Rubberized soft grip provides more and control and comfort.

## SE COLUMN AND LXT

Impact Energy	2.0 J (EPTA)
Capacity	Concrete : 20mm
	Steel : 13mm
	Wood: 26mm
Blows per minute	0-4,000 bpm
No load speed	0-1,100 rpm
Dimensions (L x W x H)	358 x 84 x 259mm
Net weight	2.8 kg (without battery)

**Standard Equipment:** Depth Gauge, Side Grip. (Tool does not come with bit.)

AVAILABLE VARIANTS		
5.0Ah	3.0Ah	
DHR202 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHR202 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CASE	

#### **DHR182** 18mm

#### Cordless Combination Hammer with dust extractor (SDS-PLUS)





18V | **//**/*XT* 

#### The Lightest Combination Hammer with Dust Collection system

• Compact and lightweight for reduced operator fatigue With Dust Extract System DX05 Part # 199658-1

WE WE CONSTANT	K ED (1887) LXT BL AVT XPT A	
Impact Energy	1.7 J (EPTA)	
Capacity	Concrete: 18 mm / Steel: 13 mm / Wood: 24 mm	
Blows Per Minute (BPM)	0 - 5,000	
No Load Speed (RPM)	0 - 1,350	
Vibration Level	Hammer Drilling into Concrete: 11.0 m/s <sup>2</sup>	
	Drilling Into Metal: 2.5 m/s <sup>2</sup> or less	
Sound pressure Level	89 dB(A)	
Sound power Level	100 dB(A)	
Dimensions (L x W x H)	301x82x285 mm	
Net weight	2.5 kg (with Dust Extractor) (without battery)	

Standard Equipment: Dust Cup, Side Grip, Depth Gauge, (Tool does not come with bit.)

Δ٧	Μ	IΔI	RIF	VΔR	IANT	٠,

"Z" VARIANT

#### DHR182 ZWJU

DUST EXTRACTION SYSTEM DX15, BLUETOOTH CHIP, MAKPAC CASE (DOES NOT INCLUDE BATTERY / CHARGER)

#### **DHR183** 18mm

Cordless Rotary Hammer with dust extractor (SDS-PLUS)





#### **Extremely Compact and Lightweight with Dust Collection** system

- With Anti vibration feature and vibration absorbing housing and ergonomic soft rubber grip design for vibration absorption and comfortable operation
- BL motor with high power to weight and size ratio
- With Dust Extract System DX16 Part # 1911P2-6

	ED ANT LXT BLAVIXPT
Impact Energy	1.7 J (EPTA)
Capacity	Concrete: 18 mm / Steel: 13 mm / Wood: 24 mm
Blows Per Minute (BPM)	0 - 5,000
No Load Speed (RPM)	0 - 1,100
Dimensions (L x W x H)	288 x 89 x 216 mm
Net weight	2.2 kg (with Dust Extractor) (without battery)

Standard Equipment: Side Grip, Depth Gauge, (Tool does not come with bit.)

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DHR183 RTWJ DUST COLLECTION SYSTEM DX16 2 BATTERIES / I CHARGER / MAKPAC CONNECTOR CASE	DHR183 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / MAKPAC CASE / DUST COLLECTION SYSTEM)	

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DHR171** 17mm 18V | <u>LXT</u>

#### **Cordless Rotary Hammer (SDS-PLUS)**







#### **Extremely Compact and Lightweight** for increased maneuverability

- Vibration absorbing housing and ergonomic soft rubber grip design for vibration absorption and comfortable operation
- BL motor with high power to weight and size ratio

TARREST TO SERVICE FOR THE PROPERTY OF THE PRO	LXT BL

Impact Energy	1.2 J (EPTA)
Capacity	Concrete: 17 mm / Steel: 10 mm / Wood: 13 mm
Blows Per Minute (BPM)	0 - 4,800
No Load Speed (RPM)	0 - 680
Vibration Level	Hammer Drilling Into Concrete: 9.0 m/s <sup>2</sup>
	Drilling Into Metal: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	86 dB(A)
Sound Power Level	97 dB(A)
Dimensions (L x W x H)	273x86x211 mm
Net weight	2.1 kg (without battery)

**Standard Equipment:** Side Grip, Depth Gauge (Tool does not come with bit.)

AVAILABLE VARIANTS		
3.0Ah	"Z" VARIANT	
DHR171 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHR171 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

Cordless Rotary Hammer (SDS-PLUS)

HR166D 16mm





12V MAX | (CXT)



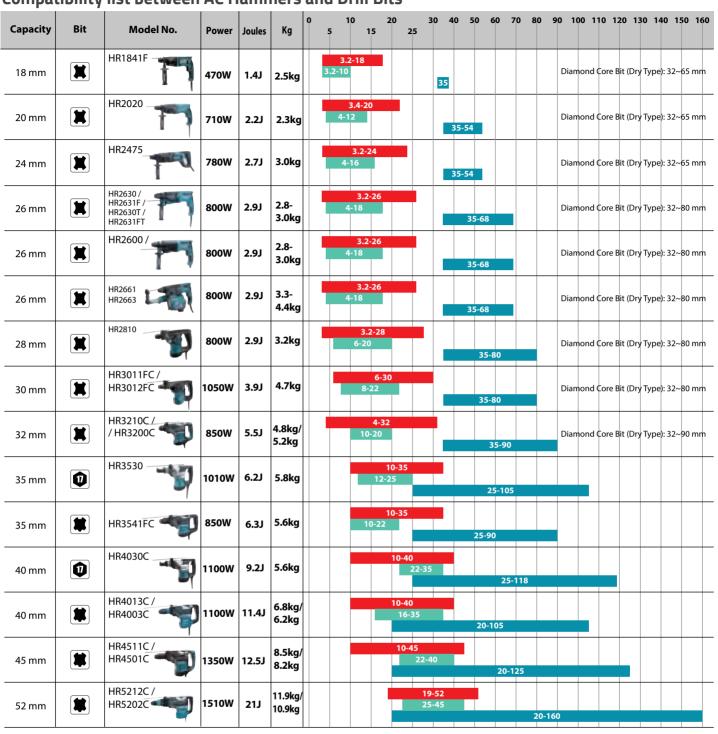
- $\bullet$  Vibration absorbing housing and ergonomic soft rubber grip design for vibration absorption and comfortable operation
- Close-to-hand gravity center for optimum balance and control
- High-efficiency drilling: Provides up to 50% more runtime, up to 40% more speed
- 1.1 Joules impact energy delivers high performance

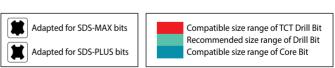
	AZVmax CXT BL MOTOR
Impact Energy	1.0 J (EPTA)
Capacity	Concrete: 14 mm / Steel: 10 mm / Wood: 13 mm
Impacts Per Minute (IPM)	0 - 4,900
No Load Speed (RPM)	0 - 850
Vibration Level	Hammer Drilling Into Concrete: 6.5 m/s <sup>2</sup>
	Drilling Into Metal: 3.0 m/s² or less
Dimensions (L x W x H)	246x74x179 mm (with BL1021B)
Net weight	1.6 kg (without battery)

Standard Equipment: Side Grip, Depth Gauge

AVAILABLE VARIANTS	
2.0Ah "Z" Version	
HR166D WAJ INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	HR166D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### Compatibility list between AC Hammers and Drill Bits





CONCRETE DRILLING / DEMOLITION

MIXING /

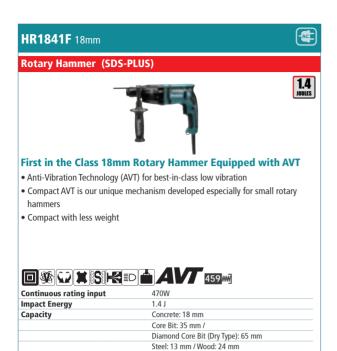
CUTTING

(CONCRETE / METAL)

GRINDING

TOOL HOLDERS

AND POUCHES / MAKPAC SYSTEM



0 - 4.800

0 - 2,100

87 dB(A)

98 dB(A)

2.5 kg

Standard Equipment: Side Grip, Depth Gauge (Tool does not come with bit.)

285x75x208 m

Hammer Drilling Into Concrete: 7.5 m/s<sup>2</sup>

-AC

2.2 JOULES

Blows Per Minute (BPM)

No Load Speed (RPM)

Sound Pressure Level

Dimensions (L x W x H)

Sound Power Level

Power supply cord

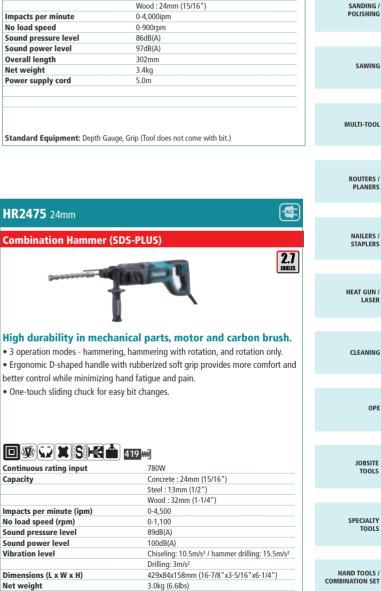
HR2020 20mm

Rotary Hammer (SDS-PLUS)

Vibration Level

Net weight

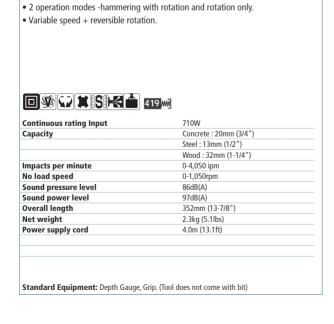
### HR2010 20mm **Rotary Hammer (SDS-PLUS)** Compact, yet tough and durable. • Easy bit change with one-touch slide chuck. • Torque limiting clutch disengages if bit jams. **Continuous rating Input** 600W Concrete: 20mm (13/16") Capacity Steel: 13mm (1/2") Wood : 24mm (15/16" 0-4,000ipm Impacts per minute No load speed 0-900rpm Sound pressure level 86dB(A) 97dB(A) Sound power level Overall length 302mm Net weight 3.4kg Power supply cord 5.0m



4.0m (13.1ft)

Standard Equipment: Side Handle, Depth Gauge. (Tool does not come with bit)

Power supply cord



Simple and solid construction, yet powerful performance.

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

### HR2600 26mm



### **Rotary Hammer (SDS-PLUS)**





### 2 Operation Modes: Hammering with rotation & Rotation only.

- Reverse function on brush holder.
- Large trigger switch.

	325 W
Continuous voting innut	90014/

Continuous rating input	00011
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,600
No load speed (rpm)	0 - 1,200
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	Hammer drilling: 15.5m/s² / Drilling: 2.5m/s²
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.8kg (6.2lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Side Grip, Depth Gauge. (Tool does not come with bit)

### HR2630 26mm



#### **Combination Hammer (SDS-PLUS)**





#### Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 3 operation modes hammering, hammering with rotation, rotation.
- · Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.



Concrete : 26mm (1") Steel : 13mm (1/2") Wood : 32mm (1-1/4")
Wood : 32mm (1-1/4")
0-4,600
0-1,200
91dB(A)
102dB(A)
Hammer drilling: 15.5m/s² / Chiseling: 9.5m/s²
Drilling: 2.5m/s <sup>2</sup>
361x77x209mm (14-1/4"x3"x8-1/4")
2.8kg (6.2lbs)
2.5m (8.2ft)

Standard Equipment: Side Grip, Depth Gauge. (Tool does not come with bit)

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### HR2630X7 26mm



### **Combination Hammer (SDS-PLUS)**

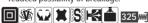




3 Jaw Keyless drill chuck assembly

### Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 3 operation modes hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage



Continuous rating input	800W
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,600
No load speed (rpm)	0-1,200
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	Hammer drilling: 15.5m/s² / Chiseling: 9.5m/s²
	Drilling: 2.5m/s <sup>2</sup>
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.8kg (6.2lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Side Grip, Depth Gauge. (Tool does not come with bit)

### HR2630T 26mm



### **Combination Hammer (SDS-PLUS)**





### Easy-to-grip handle ergonomically designed to give maximum power thrust

- 3 operation modes hammering, hammering with rotation, rotation.
- · Less bit wobbling.
- One-touch sliding chuck for easy bit change. (Quick change drill chuck from SDS-plus to 3 jaw chuck literally in a second)
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.



e : 26mm (1")
C. 2011111 (1 )
3mm (1/2")
32mm (1-1/4")
A)
r drilling: 15m/s <sup>2</sup> / Chiseling: 9,5m/s <sup>2</sup>
2,5m/s <sup>2</sup>
x209mm (15-1/8"x3"x8-1/4")
5.6lbs)
.2ft)

Standard Equipment: Quick change drill chuck, Side grip, Depth gauge (Tool does not come with bit)



### **Combination Hammer (SDS-PLUS)**





### Easy-to-grip handle ergonomically designed to give maximum power thrust.

- 3 operation modes hammering, hammering with rotation, rotation.
- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.
- · Features a built-in LED Job Light.



Continuous rating input	80000
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,600
No load speed (rpm)	0 - 1,200
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	Hammer drilling: 12m/s <sup>2</sup>
	Chiseling: 9m/s² / Drilling: 2.5m/s²
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.9kg (6.4lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Side Grip, Depth Gauge. (Tool does not come with bit)

### HR2631FT 26mm



#### Combination Hammer (SDS-PLUS)





### 3 Operation Modes: Hammering, Hammering with **Rotation, and Rotation only.**

- Less bit wobbling.
- One-touch sliding chuck for easy bit change.
- Operation mode change lever positioned on the bottom of gear housing for reduced possibility of breakage.
- Features a built-in LED Job Light.



Continuous rating input	800W
Capacity	Concrete : 26mm (1")
	Steel : 13mm (1/2")
	Wood: 32mm (1-1/4")
Impacts per minute (ipm)	0 - 4,600
No load speed (rpm)	0 - 1,200
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	Hammer drilling: 12m/s <sup>2</sup>
	Chiseling: 9m/s² / Drilling: 2.5m/s²
Dimensions (L x W x H)	361x77x209mm (14-1/4"x3"x8-1/4")
Net weight	2.9kg (6.4lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Quick change drill chuck, Side grip, Depth gauge (Tool does not come with bit)

DRILLING / FIXING

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

PLANERS

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

HR2661 26mm



### **Combination Hammer with Dust Extraction Unit (SDS-PLUS)**





### 26mm AVT D-Handle Combination Hammer with HEPA Self **Dust Collection, SDS-PLUS Bits**

- HEPA Filter Removes Particles with an Efficiency Rating of 99.75%
- Dust collecting port on telescopic guide with a sliding range of 190 mm
- Secure connection between dust case and dust collecting section for less dust leakage
- See-through dust case for easy checking of collected dust amount
- Easy dust case removal for convenient dust disposal and cleaning

	AVI ANTI VIBRATION TECHNOLOGY	419 <u>////</u>
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Continuous rating input	800W
Capacity	2.9 J
	Concrete: 26 mm / Core Bit: 68 mm
	Diamond Core Bit (Dry Type): 80 mm
	Steel: 13 mm / Wood: 32 mm
Impacts per minute (ipm)	0 - 4,500
No load speed (rpm)	0 - 1,100
Sound pressure level	90 dB(A)
Sound power level	101 dB(A)
Vibration level	Hammer Drilling Into Concrete: 9.5 m/s <sup>2</sup>
Dimensions (L x W x H)	666x89x228 mm
Net weight	4.4 kg
Power supply cord	2.5 m

Standard Equipment: Side Grip, Depth Gauge, Sealing Cap (Tool does not come with bit)

### HR2663 26mm









### **26mm AVT D-Handle Combination Hammer with HEPA Self Dust Collection, Filter cleaning Mechanism, SDS-PLUS Bits**

- Filter cleaning mechanism by By turning the dial, the dust falls off from the filter
- HEPA Filter Removes Particles with an Efficiency Rating of 99.75%
- Dust collecting port on telescopic guide with a sliding range of 190 mm
- Secure connection between dust case and dust collecting section for less dust leakage. See-through dust case for easy checking of collected dust amount.
- Easy dust case removal for convenient dust disposal and cleaning

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Continuous rating Input	800W
Impact Energy	2.9J (EPTA-Procedure: 2.2 J)
	Concrete: 26 mm (1")
Capacity	Steel: 13 mm (1/2")
	Wood: 32 mm (1-1/4")
	Wood (Self-Feed Bit): 32 mm (1-1/4")
	Masonry: 26 mm (1")
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")
Blows Per Minute (BPM)	0 - 4,500
No Load Speed (RPM)	0 - 1,100
Dimensions (L x W x H)	666 x 89 x 260 mm (26-1/4 x 3-1/2 x 10-1/4")
Net weight	3.3 - 4.6 kg
Power supply cord	2.5 m (8.2 ft)

Standard Equipment: Side Grip, Depth Gauge, Sealing Cap (Tool does not come with bit)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

FLANLING

### HR2810 28mm

**Combination Hammer** 







### 3 Operation Modes: Hammering, Hammering with Rotation and Rotation only.

- Highest-in-class efficiency in both drilling and chipping.
- Compact L-shaped motor housing.
- One-touch sliding chuck enables easy bit changes.
- Ergonomically designed handle with rubberized grip provides more control and comfort

Continuous rating input	800W
Capacity	Concrete (with T.C.T. bit): 28mm (1-1/8")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	0-4,500
No load speed (rpm)	0-1,100
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	Chiseling: 15.5m/s², Hammer drilling: 20m/s²
	Drilling: 2.5m/s <sup>2</sup>
Dimensions (L x W x H)	314x89x225mm (12-3/8"x3-1/2"x8-7/8")
Net weight	3.2kg (7.1lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Side Grip, Depth Gauge. (Tool does not come with bit)

### HR3011FCWJ 30mm



#### **Combination Hammer with Dust Extraction Unit (SDS-PLUS)**





### **Superior drilling efficiency**

- The impact energy is drastically increased from that of Predecessor model by redesigned hammering mechanism
- Less bit wobbling achieved by 8mm longer bit guide portion
- Equipped with Anti Vibration Technology for low vibration with Anti-vibration side grip and Anti-vibration rear handle
- $\bullet$  Dust Extraction System (DX10) with HEPA filter and Filter cleaning mechanism
- Dust collection is available for bits with an overall length of up to 265mm



1,050W
EPTA-Procedure : 3.9 J
Concrete (w/ TCT Bit): 30 mm (1-3/16")
Concrete (w/ Diamond Core Bit): 80 mm (3-1/8")
Steel: 13 mm (1/2")
Wood: 32 mm (1-1/4")
Wood (Self-Feed Bit): 32 mm (1-1/4")
Masonry: 30 mm (1-3/16")
1.5 - 13 mm (1/16 - 1/2")
0 - 4,500
0 - 840
369 x 98 x 242 mm
4.7 kg
4.0 m

Standard Equipment: Side handle, Depth gauge (Tool does not comes with bit.)

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### HR3012FCWJ 30mm



### Combination Hammer with Dust Extraction Unit (SDS-PLUS)



With Quick change drill chuck





### **Superior drilling efficiency**

- The impact energy is drastically increased from that of Predecessor model by redesigned hammering mechanism
- $\bullet$  Less bit wobbling achieved by 8mm longer bit guide portion
- Equipped with Anti Vibration Technology for low vibration with Anti-vibration side grip and Anti-vibration rear handle
- $\bullet$  Dust Extraction System (DX11) with HEPA filter and Filter cleaning mechanism
- Dust collection is available for bits with an overall length of up to 265mm

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Continuous rating Input	1,050W
Impact Energy	EPTA-Procedure: 3.9 J
Capacity	Concrete (w/ TCT Bit): 30 mm (1-3/16")
	Concrete (w/ Diamond Core Bit): 80 mm (3-1/8")
	Steel: 13 mm (1/2")
	Wood: 32 mm (1-1/4")
	Wood (Self-Feed Bit): 32 mm (1-1/4")
	Masonry: 30 mm (1-3/16")
Chuck Capacity	1.5 - 13 mm
Blows Per Minute (BPM)	0 - 4,500
No Load Speed (RPM)	0 - 840
Dimensions (L x W x H)	386 x 98 x 242 mm
Net weight	4.7 kg
Power supply cord	4.0 m

Standard Equipment: Side handle, Depth gauge (Tool does not comes with bit.)

**HR3200C** 32mm



### **Combination Hammer (SDS-PLUS)**





### Developed as the successor model of HR3000C

- Simple Single-Lever Control to change the tool's operation mode.
- One-Touch sliding chuck for easy bit changes.
- Increased Repairability with simplified wiring and bit holding mechanism.



Continuous rating input	850W
Capacity	Concrete (with T.C.T. bit): 32mm (1-1/4")
	Steel : 13mm (1/2")
	Wood : 32mm (1-1/4")
Impacts per minute (ipm)	1,650-3,300
No load speed (rpm)	315-630
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	Hammer drilling: 18m/s², Chiseling: 12.5m/s²
	Drilling: 2.5m/s <sup>2</sup>
Dimensions (L x W x H)	398x108x239mm (15-5/8"x4-1/4"x9-3/8")
Net weight	4.8kg (10.5lbs)
Power supply cord	5.0m (16.4ft)

**Standard Equipment:** Side handle, Depth gauge, Bit grease, Plastic carrying case, Cleaning cloth (Tool does not comes with bit.)

### HR3210C 32mm



#### **Combination Hammer (SDS-PLUS)**





## Featuring low vibration level and lightweight design for optimal efficiency.

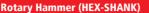
- Simple Single-Lever Control to change the tool's operation mode.
- One-Touch sliding chuck for easy bit changes.
- Increased Repairability with simplified wiring and bit holding mechanism.

Continuous rating input	850W
Capacity	Concrete (with T.C.T. bit): 32mm (1-1/4")
	Steel : 13mm (1/2"), Wood : 32mm (1-1/4")
	Concrete (with Core bit): 90mm (3-1/2")
Impacts per minute (ipm)	1,650-3,300
No load speed (rpm)	315-630
Sound pressure level	89dB(A)
Sound power level	100dB(A)
Vibration level	Hammer drilling: 10m/s², Chiseling: 7.5m/s²
	Drilling: 2.5m/s <sup>2</sup>
Dimensions (L x W x H)	398x114x239mm (15-5/8"x4-1/2"x9-3/8")
Net weight	5.2kg (11.4lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Side handle, Depth gauge, Bit grease, Cleaning cloth (Tool does not comes with bit.)

### HR3530 35mm









### High work efficiency.

- Compact and lightweight design.
- No hammering while idling.
- Ergonomically designed handle with rubberized grip provides more control and comfort.
- Auto cut-out Carbon Brush.



Continuous rating input	1,010W
Capacity	Concrete (with Core bit): 105mm (4-1/8")
Impacts per minute (ipm)	3,100
No load speed (rpm)	760
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	Chiseling: 12.5m/s² / Hammer drilling: 19.5m/s²
Dimensions (L x W x H)	374x100x243mm (14-3/4"x3-15/16"x9-9/16")
Net weight	5.8kg (12.8lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Side Grip, Depth gauge (Tool does not come with bit.)

DRILLING / FIXING

CONCRETE DRILLING /

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

### HR3540C 35mm



### **Combination Hammer (SDS-MAX)**





## High performance features high work efficiency especially in drilling with large diameter bits.

- Change lever positioned on the top of the machine for reduced possibility of breakage even if the machine is carelessly kept down to rest.
- One-touch sliding chuck for easy bit changes.
- Constant speed and soft start features by electrical control.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.

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Continuous rating input	850W
Capacity	Concrete (with T.C.T. bit): 35mm (1-3/8")
	Steel: 13mm (1/2"), Wood: 32mm (1-1/4")
	Concrete (with Core bit): 90mm (3-1/2")
Impacts per minute (ipm)	1,650 - 3,300
No load speed (rpm)	315 - 630
Sound pressure level	93dB(A)
Sound power level	104dB(A)
Vibration level	Chiseling: 12.5m/s <sup>2</sup> / Hammer drilling: 18m/s <sup>2</sup>
	Drilling: 2.5m/s <sup>2</sup>
Dimensions (L x W x H)	439x108x239mm (17-1/4"x4-1/4"x9-3/8")
Net weight	5.2kg (11.4lbs)
Power supply cord	5.0m (16.4ft)

**Standard Equipment:** Depth Gauge, Side Handle (Bar-shaped), Bit Grease (Tool does not come with bit.)

### HR3541FC 35mm



Combination Hammer (SDS-MAX)





## AVT(Anti-Vibration Technology) ensures extra-low vibration performance.

- Vibration absorbing handle provides comfortable operation.
- LED Job light with afterglow function.
- Change lever positioned on the top of the machine for reduced possibility of breakage even if the machine is carelessly kept down to rest.
- Constant speed and soft start features by electrical control.
- LED lamp indicates when to replace carbon brush.

• LED lamp indicates when to replace carbon brush.

Continuous rating input	850W
Capacity	Concrete (with T.C.T. bit) : 35mm (1-3/8")
	Steel: 13mm (1/2"), Wood: 32mm (1-1/4")
	Concrete (with Core bit): 90mm (3-1/4")
Impacts per minute (ipm)	1,650 - 3,300
No load speed (rpm)	315 - 630
Sound pressure level	91dB(A)
Sound power level	102dB(A)
Vibration level	Chiseling: 9m/s² / Hammer drilling: 11m/s²
	Drilling: 2.5m/s <sup>2</sup>
Dimensions (L x W x H)	439x114x239mm (17-1/4"x4-1/2"x9-3/8")
Net weight	5.6kg (12.3lbs)
Power supply cord	5.0m (16.4ft)

**Standard Equipment:** Depth Gauge, Side Handle (Bar-shaped), Bit Grease (Tool does not come with bit.)

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### HR4003C 40mm



### **Rotary Hammer (SDS-MAX)**





### Most powerful and efficient in the class

- New "Two on/off switches switchable in hammering mode".
- Easy-to-operate operation mode change lever..

### **□ ★ S ∴ ∴ ⊢ ∴** 350 mi

Continuous rating input

Continuous rating input	1,1000
Capacity	Concrete (with T.C.T. bit): 40mm (1-9/16")
	Concrete (with Core bit): 105mm (4-1/8")
Impacts per minute (ipm)	1,450 - 2,900
No load speed (rpm)	250-500
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	Chiseling: 9m/s² / Hammer drilling: 10m/s²
Dimensions (L x W x H)	479x106x263mm (18-11/16"x4-3/16"x10-3/8")
Net weight	6.2kg (13.8lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Depth gauge, Side handle, Bit grease (Tool does not come with bit)

### HR4001C 40mm



### Rotary Hammer (SDS-MAX)





#### Most powerful and efficient in the class future style hammer from Makita.

- Achieves most efficient hammer with satisfying powerful performance.
- · Selectable-switch feature gives the choice of trigger switch for drilling and lock-on slide switch for demolition for long hours.

### □ **★ ★ ★ ★ ★ ★ ★ 350 ★**

Continuous rating Input	1,100W
Capacity	Concrete (with T.C.T. bit) : 40mm (1-9/16")
	Concrete (with Core bit): 105mm (4-1/8")
Impacts per minute (ipm)	1,350-2,750
No load speed (rpm)	235-480
Sound pressure level	90dB(A)
Sound power level	101dB(A)
Vibration level	Chiseling: 10.5m/s <sup>2</sup> / Hammer drilling: 12.5m/s <sup>2</sup>
Dimensions (L x W x H)	468x106x261mm (18-1/2"x4-3/16"x10-1/4")
Net weight	5.9kg (13.0lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Depth Gauge, Grip Assembly, Grease Vessel (Tool does not come with bit)

### HR4013C 40mm



### Rotary Hammer (SDS-MAX)







**ADVANCED Vibration Control** 

#### High efficiency and unrivalled low level of vibration

- Soft no load function automatically reduces the motor speed during idling to suppress the vibration of the machine body.
- New "Two on/off switches switchable in hammering mode".
- Easy-to-operate operation mode change lever.

#### Vibration absorbing housing

This is the new AVT mechanism advanced from the current "Vibration absorbing handle"







Continuous rating input	1,100W Concrete (with T.C.T. bit) : 40mm (1-9/16")		
Capacity			
	Concrete (with Core bit): 105mm (4-1/8")		
Impacts per minute (ipm)	1,450 - 2,900		
No load speed (rpm)	250-500		
Sound pressure level	92dB(A)		
Sound power level	103dB(A)		
Vibration level Chiseling: 4.5m/s² / Hammer drilling: 5r			
Dimensions (L x W x H)	479x112x263mm (18-11/16"x4-3/8"x10-3/8")		
Net weight	6.8kg (15.1lbs)		
Power supply cord	5.0m (16.4ft)		

Standard Equipment: Depth gauge, Side handle, Bit grease (Tool does not come with bit)

### HR4030C 40mm



### **Rotary Hammer (HEX SHANK)**





### Make tough jobs easier with electronic control features and compact design. (Hex Shank type)

- No hammering while idling.
- When drill bit hits against reinforcements, torque limiter operates to stop.
- · Aluminum housing provides high quality and toughness.
- Auto cut-out carbon brush.
- Electronic variable speed control dial enables to select speed to job.



Continuous rating input	1,100W		
Capacity	Concrete (with T.C.T. bit): 40mm (1-9/16")		
	Concrete (with Core bit): 118mm (4-5/8")		
Impacts per minute (ipm)	1,300 - 2,600		
No load speed (rpm)	230 - 460		
Sound pressure level	92dB(A)		
Sound power level	103dB(A)		
Vibration level	9m/s²		
Dimensions (L x W x H)	413x107x247mm (16-1/4"x4-1/4"x9-3/4")		
Net weight	6.9kg (15.2lbs)		
Power supply cord	5.0m (16.4ft)		

Standard Equipment: Depth Gauge, Side Grip (Tool does not come with bit.)

### HR4501C 45mm









### High performance and durability.

- 2 operation modes hammering and hammering with rotation.
- Selectable two on/off switches on demolition mode.
- One-Touch Sliding Chuck enables easy bit change.
- Ergonomically designed handle with rubberized grip provides more control and comfort

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Continuous rating input	1,350W			
Capacity	Concrete (with T.C.T. bit): 45mm (1-3/4")			
	Concrete (with Core bit) : 125mm (5")			
Impacts per minute (ipm)	1,250 - 2,750			
No load speed (rpm)	130 - 280			
Sound pressure level	94dB(A)			
Sound power level	105dB(A)			
Vibration level	Hammer drilling: 16m/s² / Chiseling: 12.5m/s²			
Dimensions (L x W x H)	458x121x288mm (18"x4-3/4"x11-3/8")			
Net weight	8.2kg (18.1lbs)			
Power supply cord	5.0m (16.4ft)			

Standard Equipment: Side Handle(D), Side Grip, Depth Gauge, Grease Vessel (Tool does not come with bit.)

DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

PLANERS

### HR4511C 45mm



### Rotary Hammer (SDS-MAX)





### High performance and low vibration. (with Vibration absorbing grip)

- 2 operation modes hammering and hammering with rotation.
- AVT (Anti-Vibration Technology) Active Dynamic Vibration Absorber ensures extra-low vibration performance.
- One-Touch Sliding Chuck enables easy bit change.
- Ergonomically designed handle with rubberized grip provides more control and comfort.

## 

Continuous rating input	1,350W
Capacity	Concrete (with T.C.T. bit): 45mm (1-3/4")
	Concrete (with Core bit): 125mm (5")
Impacts per minute (ipm)	1,250 - 2,750
No load speed (rpm)	130 - 280
Sound pressure level	94dB(A)
Sound power level	105dB(A)
Vibration level	Hammer drilling: 7.5m/s² / Chiseling: 7.5m/s²
Dimensions (L x W x H)	458x136x288mm (18"x5-3/8"x11-3/8")
Net weight	8.5kg (18.7lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Side Handle(D), Side Grip, Depth Gauge, Grease Vessel (Tool does not come with bit.)

### HR5202C 52mm

Rotary Hammer (SDS-MAX)







### High efficiency and unrivalled low level of vibration.

- 2 operation modes hammering and hammering with rotation.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.
- Selectable two on/off switches on demolition mode.
- One-Touch Sliding Chuck enables easy bit change



Continuous rating input	1,510W
Capacity	Concrete (with T.C.T. bit) : 52mm (2")
	Concrete (with Core bit): 160mm (6-5/16")
Impacts per minute (ipm)	1,100 - 2,250
No load speed (rpm)	150 - 310
Sound pressure level	99dB(A)
Sound power level	110dB(A)
Vibration level	Chiseling: 10.5m/s <sup>2</sup> / Hammer drilling: 17m/s <sup>2</sup>
Dimensions (L x W x H)	599x134x287mm (23-1/2"x5-1/4"x11-1/4")
Net weight	10.9kg (24.1lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Side handle (D), Side grip, Depth gauge, Grease vessel

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





### **Rotary Hammer (SDS-MAX)**



### High efficiency and unrivalled low level of vibration

- Soft no load function automatically reduces the motor speed during idling to suppress the vibration of the machine body.
- New "Two on/off switches switchable in hammering mode".
- Easy-to-operate operation mode change lever.



Continuous rating input 1,510W			
Capacity	Concrete (with T.C.T. bit): 52mm (2")		
	Concrete (with Core bit): 160mm (6-5/16")		
Impacts per minute (ipm)	1,100 - 2,250		
No load speed (rpm)	150 - 310		
ound pressure level 98dB(A)			
Sound power level	109dB(A)		
Vibration level	Chiseling: 8m/s² / Hammer drilling: 9m/s²		
Dimensions (L x W x H)	599x140x287mm (23-1/2"x5-1/2"x11-1/4")		
Net weight	11.9kg (26.2lbs)		
Power supply cord	5.0m (16.4ft)		

Standard Equipment: Side handle (D), Side grip, Depth gauge, Grease vessel



the moment of impact.

SDS-MAX

SDS-MAX

SDS-MAX

SDS-MAX

SDS-MAX

SDS-MAX

30mm Hex

30mm Hex

30mm Hex

30mm Hex

28.6mm Hex

28.6mm Hex

# **Demolition Hammers**



#### HM002G 80V MAX | **X**

### **Cordless Demolition Hammer (SDS-MAX)**



Heavy Duty Performance - with the twin battery system, the tool achieves the 80v max power (40V max + 40V max).

- Combination of XGT system and powerful brushless motor provides high impact energy of 20.9J for faster breaking.
- Low Vibration with Anti-Vibration Technology

Impact Energy	20.9 J (EPTA-Value)
Blows Per Minute (BPM)	950 - 1,900
Shank Diameter	18 mm
Sound Pressure Level	92 dB(A)
Sound Power Level	103 dB(A)
Vibration Level	Chiselling Function w/ Side Handle: 8.0 m/s <sup>2</sup>
Dimensions (L x W x H)	574 x 156 x 344 mm (with 5.0Ah battery)
Net weight	10.7kg (without battery)

Standard Equipment: Bit Grease, Side Handle

AVAILABLE VARIANTS

HM002G Z
TOOL ONLY (WITH CARRY CASE)
(DOES NOT INCLUDE BATTERY / CHARGER )

-AG

### **HM0810T**





### Perfect combination of power, durability and compact design.

- Compact and lightweight for maximum control.
- Soft rubber grip side handle and anti-vibration spring on rear handle for reduced
- Easy to grip round shape barrel protected by rubber cover.
- One touch sliding chuck for easy bit installation and removal.



Continuous rating input	900W
Impacts per minute (ipm)	2,900
Sound pressure level	92dB(A)
Sound power level	103dB(A)
Vibration level	Chiseling: 14m/s²
Overall length	428mm (16-7/8")
Net weight	5.5kg (12.1lbs)
Power supply cord	5.0m (16.4ft)

#### HM001G 40V MAX | **♠**X♠

### Cordless Chipping Hammer (SDS-MAX)



#### **Heavy Duty Performance with Superior Power with 40V max** XGT battery

- Low Vibration with Anti-Vibration Technology
- 5-stage max speed selection

	40VIII BL. AFT AWS AVT SOFT
Impact Energy	9.4 J (EPTA-Value)
Blows Per Minute (BPM)	0 - 2,650
No Load Speed (RPM)	18 mm
Sound Pressure Level	89 dB(A)
Sound Power Level	100 dB(A)
Vibration Level	Chiseling Function w/ Side Handle: 6.0 m/s <sup>2</sup>
	Chiseling Function w/ Side Grip: 5.5 m/s <sup>2</sup>
Dimensions (L x W x H)	496 x 113 x 258 mm (with 4.0Ah battery)
	516 x 113 x 280 mm (with 5.0Ah battery)
Net weight	5.6 kg (without battery)

Standard Equipment: Bit Grease, Side Handle

#### AVAILABLE VARIANTS

HM0871C

HM001G Z
TOOL ONLY (WITH CARRY CASE)
(DOES NOT INCLUDE BATTERY / CHARGER )

ROUTERS / PLANERS

NAILERS / STAPLERS

-AC

11.6 JOULES

HEAT GUN /

### AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

- Soft no load function ensures low vibration performance.
- High durability and excellent demolition performance.
- One touch sliding chuck for easy bit installation and removal.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.

**Chipping Hammer (SDS-MAX)** 

		CONSTANT START		AVI MERATION TECHNOLOG	SOFT NO LOAD	350 w
--	--	----------------	--	------------------------	-----------------	-------

Continuous rating Input	1,100W
Impacts per minute (ipm)	1,100-2,650 ipm
Sound pressure level	86dB(A)
Sound power level	97dB(A)
Vibration level	Chiseling: 8m/s <sup>2</sup>
Dimensions	466 x 116 x 230mm
(L x W x H)	(18-3/8" x 4-9/16" x 9")
Vibration	8.4 m/s <sup>2</sup>
Net weight	5.6kg (12.4lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Grease for Bit, Side Handle. (Tool does not come with bull point)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS

AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

### HM0870C Chipping Hammer (SDS-MAX)





### High durability and excellent demolition performance.

- One touch sliding chuck for easy bit installation and removal.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.

	350 ww
Continuous rating input	1,100W

Impacts per minute (ipm)	1,100-2,650
Sound pressure level	87dB(A)
Sound power level	98dB(A)
Vibration level	Chiseling: 11.5m/s <sup>2</sup>
Dimensions (L x W x H)	449x109x230mm (17-3/4"x4-1/4"x9")
Net weight	5.1kg (11.1lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Grease for Bit, Side Handle. (Tool does not come with bull point)

### HM1101C



#### **Demolition Hammer (SDS-MAX)**





### High durability and excellent demolition performance.

- One touch sliding chuck for easy bit installation and removal.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.



Continuous rating Input	1,300W			
Impacts per minute (ipm)	1,100-2,650			
Sound pressure level	90dB(A)			
Sound power level	101dB(A)			
Vibration level	Chiseling: 13.5m/s <sup>2</sup>			
Dimensions	528 x 115 x 247mm			
(L x W x H)	(20-3/4" x 4-1/2" x 9-3/4")			
Net weight	7.3kg (16.2lbs)			
Power supply cord	5.0m (16.4ft)			

Standard Equipment: Grease for Bit, Side Handle. (Tool does not come with bull point)

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **HM1111C**



### **Demolition Hammer (SDS-MAX)**





#### AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

- Soft no load function ensures low vibration performance.
- High durability and excellent demolition performance.
- One touch sliding chuck for easy bit installation and removal.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.

### 

1,300W
1,100-2,650 ipm
88dB(A)
99dB(A)
Chiseling: 8m/s²
528 x 115 x 247mm (20-3/4" x 4-1/2" x 9-3/4")
8.0kg (17.71lbs)
5.0m (16.4ft)

Standard Equipment: Grease for Bit, Side Handle. (Tool does not come with bull point)

### HM1203C



#### **Demolition Hammer (SDS-MAX)**





### High durability and excellent demolition performance.

- One touch sliding chuck for easy bit installation and removal.
- Electronic speed control for maximum performance.
- Bit can be set at 12 positions for convenience.
- LED lamp indicates when to replace carbon brush.

### 

Continuous rating Input	1,510W		
Impacts per minute	950 - 1,900 ipm		
Sound pressure level	81dB(A)		
Sound power level	95dB(A)		
Vibration level	Chiseling: 16.5m/s <sup>2</sup>		
Dimensions (L x W x H)	576 x 128 x 265mm (22-3/4" x 5" x 10-3/8")		
Net weight	9.7kg (21.4lbs)		
Power supply cord	5.0m (16.4ft)		

Standard Equipment: Bull Point, Bit Grease, Side Handle.

### HM1213C



#### **Demolition Hammer (SDS-MAX)**





### AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

- Suppression of motor speed during no-load reduces vibration of tool body.
- One touch sliding chuck for easy bit installation and removal.
- Electronic speed control for maximum performance.
- Bit can be set at 12 positions for convenience.
- LED lamp indicates when to replace carbon brush.

Continuous rating Input	1,510W
Impacts per minute	950-1,900 ipm
Sound pressure level	75dB(A)
Sound power level	95dB(A)
Vibration level	Chiseling: 8.0m/s <sup>2</sup>
Dimensions (L x W x H)	576 x 149 x 265mm (22-3/4" x 5-7/8" x 10-3/8")
Net weight	10.8kg (23.6lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Bull Point, Bit Grease, Side Handle

#### HM1214C



#### **Demolition Hammer (SDS-MAX)**





### Comfortable operation at hammering downward.

- AVT (Anti-Vibration Technology) ensures extra-low vibration performance.
- Suppression of motor speed during no-load reduces vibration of tool body.
- Long size carbon brush for service life is extended.
- One touch sliding chuck for easy bit installation and removal.
- LED lamp indicates when to replace carbon brush.



Continuous rating Input	1,510W
Impacts per minute (ipm)	950-1,900
Sound pressure level	78dB(A)
Sound power level	98dB(A)
Vibration level	Chiseling: 8m/s <sup>2</sup>
Dimensions (L x W x H)	700 x 129 x 265mm (27-1/2" x 5-1/8" x 10-3/8")
Net weight	12.3kg (27.1lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Bull Point, Bit Grease, Side Handle.

DRILLING

CONCRETE DRILLING /

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

### HM1307C



### **Demolition Hammer (30mm HEX -SHANK)**





### High durability and excellent demolition performance.

- Electrical speed control for maximum performance.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.

	<b>(1)</b>	COMSTANT	1	K	175	ww

730-1,450
81dB(A)
101dB(A)
Chiseling: 12.5m/s <sup>2</sup>
715 x 129 x 266mm (28-1/8" x 5-1/8" x 10-1/2")
15.3kg (33.8lbs)
5.0m (16.4ft)

Standard Equipment: Side Handle. (Tool does not come with bit)

### HM1317C







### AVT (Anti-Vibration Technology) ensures extra-low vibration performance.

- Suppression of motor speed during no-load reduces vibration of tool body.
- High durability and excellent demolition performance.
- Electrical speed control for maximum performance.
- LED lamp indicates when to replace carbon brush.
- LED lamp is provided as a pilot lamp.



Continuous rating Input	1,510W		
Impacts per minute	730-1,450 ipm		
Sound pressure level	81dB(A)		
Sound power level	101dB(A)		
Vibration	Chiseling: 8.5m/s <sup>2</sup>		
Dimensions	715 x 129 x 266mm		
(L x W x H)	(28-1/8" x 5-1/8" x 10-1/2")		
Net weight	17.0kg (37.5lbs)		
Power supply cord	5.0m (16.4ft)		

Standard Equipment: Side Handle. (Tool does not come with bit)

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### HM1511



### **Electric Breaker (30mm HEX-SHANK)**



### Powerful 1,850 W motor delivers 48.9 J (EPTA) of impact energy to handle the most demanding applications

- Both drastically increased power and low vibration are achieved with minimum increase in tool size and weight
- Thanks to completely redesigned hammering mechanism and increased motor power as compared with HM1317C serie
- L.E.D. service light notifies the user 8 hours (approx) before the brushes need to be replaced and L.E.D. power light indicates switch failure or cord damage
- Rubberized ergonomic soft grip provides more comfort
- Easy-to-operate slide switch increases productivity & allows for continuous use
- Side handle swivels 360° for greater control

1 218 m	NO LOAD 218 MM	
Continuous rating Input	1,850W	
Impact Energy	EPTA (48.9 J)	
Blows Per Minute (BPM)	1,300	
Dimensions (L x W x H)	781 x 130 x 266 mm	
Net weight	19.2 kg	
Power supply cord	4.0 m	

Standard Equipment: Side Handle. (Tool does not come with bit)

### HM1802



71.4 JOULES

### Electric Breaker (28.6mm HEX-SHANK)





### Highest-in-class demolition power.

- Vibration absorbing housing helps to reduce vibration.
- Soft start for suppressing start-up reaction.
- Soft grip provides more control and less hand fatigue.
- Higher durability obtained by strengthening switch.
- Newly developed dust extraction attachment is available.



Continuous rating Input	2,000W
Impact energy	71.4J
Impacts per minute (ipm)	870
Sound pressure level	95dB(A)
Sound power level	106dB(A)
Vibration level	14.0m/s²
Dimensions (L x W x H)	843x210x608mm (33-1/4"x8-1/4"x24")
Net weight	30.1kg (66.4lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Bull point, Hex wrench.

#### HM1812



### Electric Breaker (28.6mm HEX-SHANK)





### **Highest-in-class demolition power with AVT** (Anti-Vibration Technology)

- · Counter weight mechanism and vibration absorbing housing helps to reduce vibration.
- Suppression of motor speed during no-load reduces vibration of tool body when idling.
- Soft start for suppressing start-up reaction.
- Soft grip provides more control and less hand fatigue.

The first electric breakers from Makita that are equipped with vibration absorbing housing providing a practical combination of high power and low vibration.



### **Electronic control**

- Soft start
- LED light to indicate energization of electric circuit
- LED light to indicate the time to replace carbon brush



Auto cut-off carbon brush

### **Vibration absorbing housing**





2,000W
72.8J
870
96dB(A)
108dB(A)
6.5m/s²
843x210x608mm (33-1/4"x8-1/4"x24")
32.2kg (70.9lbs)
5.0m (16.4ft)

Standard Equipment: Bull point, Hex wrench





DRILLING / FIXING

CONCRETE DRILLING /

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS





NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



For maximum impact and torsion forces as well as prolonged service life

### **Shorter Entrance -**

The drilling dust travels quickly from the drill head into the spiral flute

#### Rebar Chamfer -

Leads to an increased life time and optimum drilling behavior in reinforcement strikes

### Shoulder -

Two elevation on the cutting edge, provide improved breaking performance in concrete and optimal reinforcement strength

### Innovated Flute Geometry -

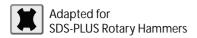
the drilling dust is removed faster, while at the same time ensuring low-vibration drilling and a high degree of fracture safety

### Wearing Mark -

Wearing mark serves as an indication on the life of the drill bit.and a high degree of fracture safety

BIT DIA (D) (MM)	OVERALL LENGTH (L1) (MM)	WORKING LENGTH (L2) MM)	PER PKG	PART NO (NEW)	PART NO
5	115	50	1	B-57897	-
5	165	100	1	B-57906	-
6	115	50	1	B-57962	-
6	165	100	1	B-57978	-
6	215	150	1	B-57984	-
6	265	200	1	B-57990	-
7	115	50	1	B-58067	B-11754
7	165	100	1	B-58073	-
8	115	50	1	B-58095	-
8	165	100	1	B-58104	-
8	215	150	1	B-58110	-
8	265	200	1	B-58126	-
10	115	50	1	B-58198	-
10	165	100	1	B-58207	-
10	215	150	1	B-58213	-
10	265	200	1	B-58229	-
10	315	250	1	B-58235	-
10	455	390	1	B-58257	-
12	160	110	1	B-58322	-
12	210	160	1	B-58338	-
12	260	210	1	B-58344	-
12	310	260	1	B-58350	-
12	450	400	1	B-58366	-
14	160	110	1	B-58431	-
14	210	160	1	B-58447	-
14	260	210	1	B-58453	-
14	310	260	1	B-58469	-
14	450	400	1	B-58475	-
15	160	110	1	B-58506	B-14205
15	210	160	1	B-58512	B-14211
16	160	110	1	B-58540	-
16	210	160	1	B-58556	-
16	260	210	1	B-58562	-
16	310	260	1	B-58578	-
16	450	400	1	B-58584	-
18	250	200	1	B-58615	-
18	450	400	1	B-58621	-
20	250	200	1	B-58637	-
20	450	400	1	B-58659	-
22	250	200	1	B-58665	-
22	450	400	1	B-58687	-
24	250	200	1	B-58693	B-12108
24	450	400	1	B-58702	
25	250	200	1	B-58718	-
25	450	400	1	B-58724	
28	250	200	1	B-58746	-
28	450	400	1	B-58752	B-12158
30	250	200	1	B-58768	B-12164
30	450	400	1	B-58774	B-12170
32	450	400	1	B-58780	-

### **SDS-PLUS DRILL BITS**





### **STANDARD RANGE**

- 2 cutter SDS plus drill bits suitable for masonry and concrete.
- The solid carbide tip with centering point and optimized flutes offers fast drilling speeds.

BIT DIA (D) (MM)	OVERALL LENGTH (L1) (MM)	WORKING LENGTH (L2)(MM)	PER PKG	NEW PART NO	PART NO
4.0	110	50	1	D-00016(A)	D-00402
5.0	110	50	1	D-00022(A)	D-00418
5.0	160	100	1	D-00038(A)	-
5.0	210	150	1	-	D-66628
5.5	110	50	1	D-00044(A)	D-00430
6.0	110	50	1	D-00050(A)	-
6.0	160	100	1	D-00066(A)	-
6.0	210	150	1	D-00072(A)	-
6.5	260	200	1	-	-
7.0	110	50	1	D-00103(A)	-
7.0	160	100	1	D-00119(A)	-
8.0	110	50	1	D-00125(A)	
8.0	160	100	1	D-00131(A)	-
8.0	210	150	1	D-00147(A)	-
8.0	260	200	1	D-00153(A)	-
9.0	160	100	1	D-08056(A)	-
9.0	210	150	1	D-00169(A)	D-00555
10	160	100	1	D-00175(A)	D-00561
10	210	150	1	D-00181(A)	D-00577
10	260	200	1	D-00197(A)	D-00583
10	310	250	1	D-00206(A)	D-00599
10	350	290	1		D-66656
11	160	100	1	D-00212(A)	
11	260	200	1		D-66678
12	160	100	1	D-00228(A)	D-00614
12	210	150	1	D-00234(A)	D-00620
12	260	200	1	D-00240(A)	D-00636
12	310	250	1		D-66684
12	460	400	1	D-16271	-
13	160	100	1	D-00256(A)	D-00642

BIT DIA (D) (MM)	OVERALL LENGTH (L1) (MM)	WORKING LENGTH (L2)(MM)	PER PKG	NEW PART NO	PART NO
14	160	100	1	D-00262(A)	-
14	260	200	1	D-00278(A)	D-00664
14	310	250	1	-	D-66709
14	460	400	1	D-17544	-
15	160	100	1	D-00284(A)	D-00670
16	210	150	1	D-00290(A)	D-00686
16	310	250	1	D-00309(A)	-
16	460	400	1	-	D-29103
17	210	150	1	D-00315(A)	D-00701
18	210	150	1	D-00321(A)	-
18	300	250	1	D-00337	-
18	460	400	1	D-17566	-
19	210	150	1	D-00739	-
19	460	400	1	D-16293	-
20	210	150	1	D-00359(A)	D-00745
20	310	250	1	D-00365(A)	-
20	460	400	1	D-15235	D-16900
22	260	200	1 <b>D-00371(A)</b>		-
22	310	250	1	D-08062(A)	-
22	460	400	1	D-15241	-
24	460	400	1	D-16302	-
25	260	200	1	D-00387(A)	D-00773
25	310	250	1	D-08517(A)	-
25	460	400	1	D-15257	-
26	260	200	1	D-00393(A)	-
26	460	400	1	D-15263	-
28	460	400	1	D-16318	-
30	460	400	1	D-17572	-

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

PECIALTY

HAND TOOLS / COMBINATION SET

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

14 pcs SDS-PLUS drill bit

(Assorted) with aluminum case.

Adapted for Adapted for SDS-PLUS Rotary Hammers

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

14 pcs SDS-PLUS drill bit / chisel set

(Assorted) with aluminum case

MULTI-TOOL

Adapted for SDS-PLUS Rotary Hammers Adapted for

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

10 pcs SDS-PLUS drill bit

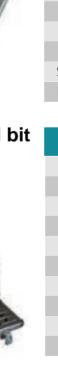
(Assorted) with aluminum case.

SDS-PLUS Rotary Hammers

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET



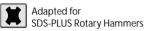
Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
5	110	42	1	
6	110	42	1	
6	160	92	1	
7	110	42	1	
7	160	92	1	
8	110	42	1	
8	160	92	1	
10	160	92	1	D-21325
10	210	140	1	
12	160	92	1	
12	210	140	1	
14	160	92	1	
14	210	140	1	
16	210	140	1	

Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
5	110	42	1	
6	110	42	1	
6	160	92	1	
7	110	42	1	
7	160	92	1	
8	110	42	1	
8	160	92	1	
10	160	92	1	D-71174
12	160	92	1	
14	160	92	1	
16	160	92	1	
SDS-Plus Bul	Point (250)	1		
SDS-Plus Cold Chisel (20×250)			1	
Drill Chuck 8	Chuck Key (13	mm Chuck)	1	

Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
5	160	92	1	
6	160	92	1	
8	160	92	1	
10	160	92	1	
10	210	140	1	D-71990
12	160	92	1	
12	210	140	1	
16	210	140	1	
SDS-Plus Bull Point (250)			1	
SDS-Plus Cold Chisel (20×250)			1	

### 6 pcs SDS-PLUS drill bit / chisel set

(Assorted)



Bit Dia (mm)	Overall Length (mm)	Working Length (mm)	Per Pkg	Part No
5	160	100	1	
6	160	100	1	
8	160	100	1	D 50000
Bull Point 250mm			1	D-58920
	Cold Chisel 2	1		
	Scaling Chisel	1		

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# 4 pcs SDS-PLUS drill bit set (Assorted) with plastic butterfly case bits can be easily located and removed







Bit Dia (mm)	Overall Length (mm)	Per Pkg	Part No
5	110	1	
6	160	1	D-74136
8	160	1	D-74130
10	160	1	



	Bit Dia (mm)	Overall Length (mm)	Per Pkg	Part No
	6	160	1	
	8	160	1	D-74756
	10	160	1	D-74730
	12	160	1	
ī				
Ī	100			



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

> SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

COMBINATION SET

### **SDS-MAX ZENTRO DRILL BITS**

### PREMIUM RANGE

Ø 12 to 15 mm : 2 cutter

 $\emptyset$  16 - 50mm: 4 Cutter new carbides for better performance in reinforce concrete

Ø 32mm to 50mm: 4 Cutter and additionally reinforced carbide tip



Adapted for SDS-MAX Hammers

### **Power**

Specially developed robust head geometry ensures that even toughest applications can be mastered.



The optimal 4x90° carbide cutting edge symmetry prevents seizing up on hitting reinforcing steel.

### **Fast Drilling**

Large, robust secondary cutters with dynamically curved cutting tips actively support the main carbide tip during fast drilling.



### **Flute**

The drilling debris is transported fast in the large-volume flute geometry.

### **Accuracy**

Centering point with 130° point angle ensures highly accurate, precise drilling and guarantees optimal drill guidance.

The individual wear marking is an indicator for evaluating the dimensional stability of the anchor holes.

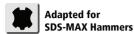
### Impact Energy

The reinforced-core flute achieves the optimum between volume and break resistance. Vibrations are dampened and resulting in more impact energy on the carbide tip.

BIT DIA (MM)	OVERALL LENGTH (MM)	WORKING LENGTH (MM)	PER PKG	PART NO	NEW PART NO
12	340	200	1	P-17033	-
12	540	400	1	P-17049	-
12	690	550	1	P-17055	-
14	340	200	1	P-17077	-
14	540	400	1	P-17083	-
15	340	200	1	P-17108	-
15	540	400	1	P-17114	-
16	340	200	1	-	P-77730
16	540	400	1	-	P-77746
18	340	200	1	-	P-77774
18	540	400	1	-	P-77780
20	320	200	1	-	P-77811
20	520	400	1	-	P-77827
20	920	800	1	-	P-77833
22	320	200	1	-	P-77855
22	520	400	1	-	P-77861
22	920	800	1	-	P-77877
24	320	200	1		P-77899
24	520	400	1		P-77908
25	320	200	1	_	P-77914
25	520	400	1	-	P-77920
25	920	800	1	-	P-77936
28	370	250	1	-	P-77964
28	570	450	1	_	P-77970
28	670	550	1	P-17310	P-77986
30	370	250	1	P-17326	P-78019
30	570	450	1	-	P-78025
32	370	250	1	P-17348	P-78031
32	570	450	1	-	P-78047
32	920	800	1	-	P-78053
35	370	250	1	-	P-78075
35	570	450	1	-	P-78081
35	670	550	1	P-17398	P-78097
38	370	250	1	P-17407	P-78134
38	570	450	1	P-17413	P-78140
40	370	250	1	P-17429	P-78156
40	570	450	1	-	P-78162
40	920	800	1	-	P-78178
40	1320	1200	1	-	P-78184
45	570	450	1	-	P-78190
50	570	450	1	-	P-78215

# SDS-MAX rotary hammer drill bits

### STANDARD RANGE



- 2 cutter T.C.T Drill bits
- Solid carbide centering tip
- Optimized flutes for fast drilling
- Long Life



BIT DIA (D) (MM)	OVERALL LENGTH (L1) (MM)	WORKING LENGTH (L2)(MM)	PER PKG	PART NO	NEW PART NO
12	340	200	1	D-34506	D-33875
12	540	400	1	D-34512	D-33881
14	340	200	1	D-34528	D-33897
14	540	400	1	D-34534	D-33906
15	340	200	1	D-34540	D-33912
15	540	400	1	D-34556	D-33928
16	340	200	1		D-33934
16	540	400	1	D-34578	D-33940
18	340	200	1	D-34584	D-33956
18	540	400	1	-	D-33962
20	340	200	1	-	D-33978
20	540	400	1	-	D-33984
22	340	200	1		D-33990
22	540	400	1	D-34637	D-34001
24	340	200	1		D-34017
24	540	400	1	D-34659	D-34023
25	340	200	1	D-34665	D-34039
25	540	400	1	D-34671	D-34045
28	370	250	1	-	D-34051
28	570	450	1	-	D-34067
30	370	250	1	D-34702	D-34073
30	570	450	1	D-34718	D-34089
32	370	250	1	D-34724	D-34095
32	570	450	1	D-34730	D-34104
35	370	250	1	D-34746	D-34110
35	570	450	1	D-34752	D-34126
38	370	250	1	D-34768	D-34132
38	570	450	1	D-34774	D-34148
40	370	250	1	D-34780	D-34154
40	570	450	1	D-34796	D-34160

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

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JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Hexagonal shank**



**Premium range** Tungsten carbide-tipped bit



For Model	Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2) (mm)	Per Pkg	Part No
0C	16	550	-	1	P-02799
HR4030C HR3540C, HR4030C	18	280	-	1	P-02808
主 () ()	18	550	-	1	P-02814
103C 540C	18	550	-	1	P-02814
HR3	19	280	-	1	P-02820
	20	550	-	1	P-02858
HR3850, HR4030C HR3530, HR3540C,	22	550	-	1	P-02870
	28	550	-	1	P-02939
HR3520,	30	550	-	1	P-02967
生	32	550	-	1	P-02989

### Standard range Tungsten carbide-tipped bit



For Model	Bit Dia (D) (mm)	Overall Length (L1) (mm)	Working Length (L2) (mm)	Per Pkg	Part No
	16	280	155	1	D-20127
	19	280	155	1	D-20161
40C,	19	505	365	1	D-20177
HR3520, HR3530, HR3540C, HR3850, HR4030C	20	280	155	1	D-20183
530, HR35 HR4030C	22	280	155	1	D-20208
(353 0, HF	22	505	365	1	D-20214
520, HR3: HR3850,	25.5	280	155	1	D-20220
3520 HR	28	280	155	1	D-20242
HR	32	280	140	1	D-20264
	32	505	360	1	D-20270
	35	280	140	1	D-20286

# SDS-MAX Mining bits Adapted for SDS-MAX Hammers



- Can drill into rocks and natural stones which are extremely hard.
- Suitable for drilling holes for dynamite bar and tunnels in mining fields.
- Longer life & high speed compare

carbide



High volume flute entries: Drilling debris leads to less friction in hole

Optimized for regrinding

BIT DIA (D) (MM)	OVERALL LENGTH (L1) (MM)	WORKING LENGTH (L2)(MM)	PER PKG	PART NO
28	670	550	1	B-39431
30	720	600	1	B-39447
32	570	450	1	B-39453
32	920	800	1	B-39469

### Recommended procedure to prevent breakage - Mining bits

To prevent from bit breakage, we recommended to perform the drilling in 3 stages as below

Stage 1: Drilling with a drill bit of 370mm long at initial stage

340mm

Stage 2: Drilling with a drill bit of 570mm long in between initial and final stage

570mm

Stage 3: Drilling with a drill bit of 920mm long at final stage

920mm

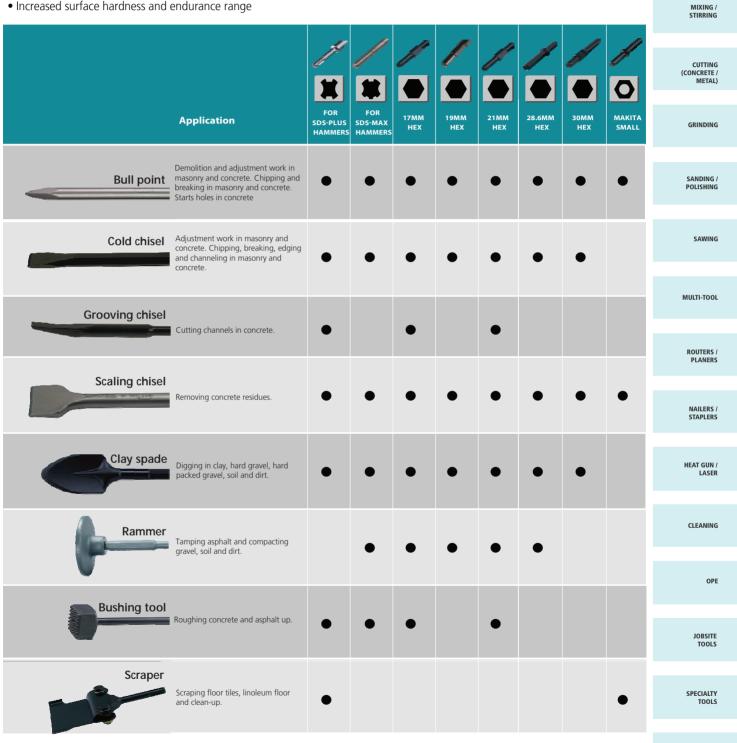
These stages will help to avoid bending of the drill bit when the longer one is used and will be convenient to use as well. Use of either a blower or vacuum cleaners is recommended to remove the debris while drilling.

Our normal P-series SDS Max drill bits can be used for smaller lengths.

## **Chisels**

# The right chisel for every chiseling job

- Use of high-grade tempered steel
- Special processing and hardening process for optimal tool-life
- Minimized wear and tear
- Increased surface hardness and endurance range



CONCRETE DRILLING / DEMOLITION

HAND TOOLS /
COMBINATION SET

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

> SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET



Shank type	Chisels	length (mm)	Width (mm)	Part no
	Premium Bull point	250	-	B-64238
FOR SDS-PLUS	Premium Cold chisel	250	20	B-64244
HAMMERS	Premium Scaling chisel	250	40	B-64250
	Premium Bull point	400	-	B-64266
FOR SDS-MAX HAMMERS	Premium Cold chisel	400	25	B-64272
HAMMERS	Premium Scaling chisel	380	50	B-64288
28.6MM HEX	Premium Bull point	400	-	B-10372
зомм нех	Premium Bull point	400	-	B-10388

• For demolishing concrete

Bull Point

Suitable For		Length (mm)	D series New Part No.	D series	Part No.
		280			A-80787
		300	D-34176		
*	Adapted for all SDS-MAX hammers	400	D-34182		A-80793
	all 2D2-IVIAX Hallilliers	600	D-34198		P-16259
		600			A-87476
X	Adapted for all	250	D-08713		
	SDS-PLUS hammers	400	D-19015		
<b>**</b>	HR3520B, HR3850B, HR5000	300	D-20074	D-29234	
		450	D-19196	D-29240	
- 17	HR3520, HR3850, HR4030C, HM0810, HM0810T, HM1130	210	D-16374		
17 mm		280	D-08682		
		450	D-16863		A-80547
		320	D-16499		A-82747
21 mm	HM1201	450	D-23824		A-80553
		600	D-30994		
30 mm	HM1302, HM1303, HM1304, HM1305, HM1306, HM1307C, HM1317C	410	D-15285		
28.6 mm	HM1800, HM1801, HM1810, HM1812, HM1802	410	D-17631		
Makita sma	ll shank HK1800, HK1810	220			B-06921

### Cold Chisel

• For chipping, edging, channeling and breaking concrete chunks

Suitable For		Length (mm)	D series New Part No.	D series New Part No	Part No.
		24 x 600			P-16287
		25 x 280			A-80802
*	Adapted for all SDS-MAX hammers	25 x 300	D-34207	D-34453	
	all 3D3-IVIAA HallillietS	25 x 400	D-34213		
		25 x 600	D-34229	D-34475	
×	Adapted for all SDS-PLUS hammers	20 x 250	D-08729		
		20 x 400	D-19021		
	HR3520B, HR3850B, HR5000	26 x 300		D-29250	
*		26 x 450	D-19205	D-29262	
17 mm	HR3520, HR3850, HR4030C, HM0810, HM0810T, HM1130	19 x 280	D-08707		
mm		19 x 450	D-16879		A-80575
21 mm	HM1201	26 x 450	■ D-17594		A-80581
30 mm	HM1302, HM1303, HM1304, HM1305, HM1306, HM1307C, HM1317C	30 x 400	D-15300		
28.6 mm	HM1800, HM1801, HM1810, HM1812, HM1802	28 x 410	D-17647		798383-7

CONCRETE DRILLING / DEMOLITION MIXING / STIRRING CUTTING (CONCRETE / METAL) GRINDING SANDING / POLISHING SAWING

NAILERS / STAPLERS

MULTI-TOOL

ROUTERS / PLANERS

HEAT GUN / LASER

CLEANING

OPE

HAND TOOLS / COMBINATION SET

DRILLING / FIXING

Scaling Chisel

• Wide chisels for chipping away scale of concrete spatter



CONCRETE DRILLING / DEMOLITION	Suitable For		Length (mm)	D series New Part No.	D series Part No	Part No.
			50 x 300			A-80830
MIXING / STIRRING		Adapted for all SDS-MAX hammers	50 x 400	D-34235	D-34481	
		dii 353 Wi Wildiiiileis	80 x 300	D-34241		
CUTTING			40 x 250	D-08735		
(CONCRETE / METAL)			40 x 250			A-87052
		Adapted for all SDS-PLUS hammers	50 x 215	D-25616		
GRINDING		3D3-FLO3 Hallilleis	80 x 250		D-61020	
			80 x 150		D-61042	
SANDING / POLISHING	*	HR3520B, HR3850B, HR5000	50 x 300	D-20096		
	17 mm	HR3520, HR3850, HR4030C, HM0810, HM0810T, HM1130	50 x 280	D-20694		
SAWING	21 mm	HM1201	70 x 320	D-20672		
MULTI-TOOL	30 mm	HM1302, HM1303, HM1304, HM1305, HM1306, HM1307C, HM1317C	75 x 310	D-23868		
ROUTERS / PLANERS	28.6 mm	HM1800, HM1801, HM1810 , HM1812, HM1802	75 x 520	D-20725		
		MAKITA SMALL SHANK	50 x 150			B-07347
NAILERS / STAPLERS		HK1800, HK1810	50 x 220			B-07010

HEAT GUN / LASER

# **Grooving chisels**• For grooving, channeling or removal of heavy scale



CLEANING OPE

Suitable For		Length (mm)	Part No.
Adapted for all		8 x 170	A-30075
SI	SDS-PLUS hammers	12 x 170	A-86371
17 mm	HR3520, HR3850, HR4030C, HM0810, HM0810T, HM1130	26 x 280	A-48561

# Clay Spade • For digging in clay, scale etc.



SPECIALTY TOOLS
HAND TOOLS / COMBINATION SET
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Suitable For		Length (mm)	Part No.
	Adapted for all SDS-PLUS hammers	105 x 400	A-17653
30 mm	HM1302, HM1303, HM1304, HM1305, HM1306, HM1307C, HM1317C	120 x 500	B-10300
28.6 mm	HM1800, HM1801, HM1810, HM1812, HM1802	140 x 546	798384-5

### Rammer

• For tamping operations



Suitable For		Length (mm)	Part No.
	Adapted for all SDS-MAX hammers	140	A-19875
30 mm	HM1302, HM1303, HM1304, HM1305, HM1306, HM1307C, HM1317C	200	A-31485
28.6 mm	HM1800, HM1801, HM1810, HM1812, HM1802	200	798385-3

### **Bushing Tool**

• For concrete surface removal Type A: Use with shank (A-19897)



Suitable For	Length (mm)	Туре	Part No.
Adapted for all SDS-MAX hammers	67 x 67	А	A-19881
17 HR3520, HR3850, HR4030C, HM0810, HM0810T, HM1130	60 x 60	-	A-21484
21 HM1201	60 x 60	-	A-21490

### **Scraper Assembly**

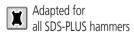
• For removing linoleum tile and other flooring



Suitable For	Length (mm)	Part No.
Adapted for all SDS-PLUS hammers	100	A-30106

### **SDS-PLUS Chisel Assortment (3pcs/set)**

With aluminum case.





Suitable For	Length (mm)	Part No
Bull point	250	
Cold chisel	20 x 250	D-05181
Scaling chisel	40 x 250	

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CDINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

## Core Bit For use in Concrete, Masonry and Natural stone

Makita offers a comprehensive range of tools and accessories for heavy rotary hammer drills.

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING Ratio Quick Core Bit

Ratio Quick core bit, together with pilot bits, flute bodies, shank extensions and adapaters make up the Ratio System a tool system which allows the individual components to be used in various combinations.



CUTTING (CONCRETE / METAL)

Core Bit Ø (mm)	Core bit Length	Max drilling Depth (mm)	Part No.
65	105	150	P-16835(H)

SANDING / POLISHING

SAWING

MULTI-TOOL

interchangeable with any other core bit system

Please Note: Ratio Core Bits and accessories are not

Ratio SDS-MAX Adapter (Versio System)



Centering Bit

SDS-MAX



195



P-03888(H)

NAILERS STAPLERS

ROUTERS / PLANERS

Bit Dia. (mm)	depth (mm)	

Hollow Core Bit Adapter

Adapted for SDS-PLUS hammers

Hollow core Centering Bit **Drift Key** Cutter 1:20 Part No. Part No. Part No.

11 x 120

Adapted for SDS-MAX hammers

HEAT GUN /

For Model: HR4000C, HR4001C, HR4002, HR4011C, HR4500C, HR4501C, HR4511C, HR5001C, HR5201C

65

100

P-03838 P-03791

P-03763 140mm

CLEANING

OPE

JOBSITI TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Overall Length (mm) Part No. Adapted for SDS-MAX hammers 180 P-16994 450 P-17005 For Model: HR3520, HR3530, HR3850, HR4030 185 P-03729

Please Note: TCT Hallow Core Bits and accessories are not interchangeable with any other core bit system

### TCT Core Bit

Please Note: TCT Core Bits and accessories are not interchangeable with any other core bit system





Outer	Depth	Max. drilling	Part No.
dia (mm)	(mm)	depth (mm)	

For Model: HR2440, HR2450, HR2460, HR2470/T, HR2810, HR3000C, HR3200C. HR3210C

\* These sizes are not advisable for HR2440 / HR2450

*66	108	180	A-86620
<b>*</b> 79	108	180	A-86636

For Model: HR3520, HR3850, HR4000C, HR4002, HR4030C, HR4500C, HR4501C, HR4511C, HR5000C, HR5001C HR5201C

### Core Bit Adapter

(with center bit, O ring & rod)



Shank	For Core bit dia (mm)	Max. drilling depth (mm)	Part No.
For Model: H	R3520, HR3850, I	HR4030C	
	25-40	200	798006-7
For Model: HR4000C, HR4002, HR4500C, HR4501C, HR4511C, HR5000, HR5001C			
*	25-40	200	A-19358

Rod

[used to remove core bits]

For Model: HR2440 / F, HR2450 / F, HR2460, HR2470, HR2800, HR2810, HR3000C, HR3520, HR3520B, HR3200C, HR3210C, HR3850/B, HR4000C, HR4002, HR4501C, HR5000, HR5201C

For Core bit dia (mm)	Part No.
25-40	256806-6
• Center Bit [for centering core bit.]	
For Core bit dia (mm)	Part No.

For Model: HR2440/F, HR2450/F, HR2460, HR2470, HR2800, HR2810, HR3000C, HR3210C

For Model: HR3520,HR3520B,HR3850,HR3850B, HR4000C, HR4002, HR4501C, HR5000, HR5001C, HR5201C

25-40	752045-1
40-118	752027-3

### Drill Chuck Adapter Assembly (For the slide chuck)

	For Models	Part No.	Part No (With country of origin)
With screw M6 x 22	HR2440/F, HR2450/F, HR2010, HR2400/10, HR2430, HR2800/10 HR3000C, HR3200C/10C	-	D-14087 / D-14093
For the swivel chuck (with screw M6 x 22)	HR2010, HR2400, HR2410	122331-8	-
With screw M6 x 22	HR2510	321637-360	-

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

### **Dual Slot Adapter**

		Shank	Part No.
SDS-PLUS SI	DS-MAX Shank	For use of SDS-PLUS drill bits with SDS-MAX hammers Adapter SDS-MAX to SDS-PLUS	P-17027
SDS-PLUS 13	3mm Hex Shank	For use of SDS-PLUS drill bits with 13mm Hex shank hammers Adapter 13mm Hex shank to SDS-PLUS	P-04195

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

### Ground Rod Adapter (For driving electrical grounding tools)

Shank		Part No.
Spline Shank	HR3520B, HR3850B	798132-2

SAWING

### **Quick Change Drill Chuck**

		For Models	Part No.
Quick change drill chuck set		HR2450T/FT, HR2470T / HR2610T / HR2611FT / HR2630T / HR2630FT / DHR242, HR2810T / HR2811FT	194079-2
	The state of the s	DHR281, DHR283, HR002G	199139-5
		HR3012FCT	191F46-4
Tool Holder Set		HR2450T/FT, HR2470T / HR2610T / HR2611FT / HR2630T / HR2630FT / DHR242, HR2810T / HR2811FT	194080-7
		DHR281, DHR283, HR002G	199138-7
		HR3012FCT	191F47-2

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

### **Drill Chuck Assembly**

For SDS-Plus Hammers

For Models	Part No.
DHR171, DHR182, DHR183, DHR202, DHR242, DHR243, DHR263, DHR264, DHR280, DHR281, DHR282, DHR283, HR002G, HR003G, HR007G, HR166D, HR2230, HR2300, HR2320T, HR2460, HR2460F, HR2470F, HR2470F, HR2470F, HR2475, HR2600, HR2601, HR2630, HR2630T, HR2631F, HR2631FT, HR2641, HR2652, HR2653, HR2653T, HR2663, HR2800, HR2810, HR2811F, HR2811FT, HR3001C, HR3011FC, HR3012FC	122574-2
HR001G, HR002G, HR003G, HR007G, HR010G, HR2230, HR2460, HR2470, HR2470F, HR2475, HR2630, HR2631F, HR2652, HR2810, HR3001C, HR3011FC, HR3012FC	194041-7

CLEANING

OPE

### **Dust bag Assembly**

For Model		Туре	Part No.
HR2430	D.	Standard	122614-6
HR2432	T	Standard	122708-7

### Dust Cap / Sealing Cap

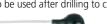
Bit diameter (mm)	Part No.
6 - 14.5	421342-3
12 - 16	421664-1
DX06, DX07, DX08, DX09, DX10, DX11, DX12, DX14	424474-5
DX16	422992-7

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Blow Out Bulb**

To be used after drilling to clean out the hole



Part No. 765009-6

# **Dust Extraction System set Grip**

DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



For	SDS-Plus	Hammers

For Models	Туре	Part No.
DHR242	DX01	195897-1
DHR280	DX08	199579-7
DHR281, DHR283	DX09	199583-6
HR008G, HR3011FC	DX10	191F95-1
HR3012FC	DX11	191G00-4
HR003G	DX12	191E52-3
HR002G	DX14	191E58-1
HR007G, HR2663	DX15	122B81-7
HR010G, DHR183	DX16	■ 1911P2-6

## **Dust case set & Filter**

Dust case set

Filter



For Model	Туре	Part No.
HR2661	Dust case + Filter	198982-9
HR2661	Filter	196164-7
DX05 (DHR182)	Dust case + Filter	199595-9
DX05, DX16 (DHR182)	Filter	199596-7
DX08, DX09, DX12, DX14	Dust case + Filter	199555-1
DX10, DX11	Dust case + Filter	191F49-8
DX15	Dust case + Filter	199586-0
DX01, DX08, DX09, DX10, DX11, DX12, DX14, DX15	Filter	199557-7
DX16	Dust case + Filter	■ 1911P5-0

# **Dust Cup Attachment**Suited for interior or overhead drilling where dust exposure must

be controlled.



For some models grip base set/spacer is required to attach the dust cup set

For Model	Grip base set Part no	Dust cup Set Part no
HR1841F, DHR182 DHR171, HR166D DHR202, DHR263 HR2800, HR2810	194581-5 194582-3	198362-9
HR002G, DHR281, DHR283, HR2610T, HR2611FT, HR2630T, HR26/31FT, HR3012FC	-	195179-1
HR003G, HR007G, DHR242, DHR280, HR2600, HR2630, HR2631F, HR2661, HR2663	-	195173-3
HR008G, HR3011FC, HR3001C	191L91-5 (spacer)	
HR010G, DHR183	-	■ 1911P8-4







•		•	
For Model	Side Handle Assembly	Grip assembly	Grip 36 Complete
DHR280, 282, HR002G, HR003G, HR3011FC		126882-3	
HR2010	-	-	153503-4
HR2020 / HR2432	-	135302-6	153503-4
HR2600,10/10T,11F/FT, HR2630/T HR2631F/1FT	-	122878-2	154935-8
BHR200SJ	-	-	152624-9
DHR202 / HR1830 / HR2475 / HR2800 / HR2810 / DHR182	-	-	158057-6
HR3000C	-	134889-5	152554-4
HR4000C	-	134803-1	158131-0
HR3530 / HR4002 / HR4030C / HM0870C / HM0871C / HM0860C	-	-	
HR3200C HR3210C	-	135197-7	
HR3530	-	321248-4	
HR3540C / HR3541FC / HR4001C / HR4011C / HR4501C / HR4511C	134890-0	135209-6	158131-0
HR4500C	134915-0	134916-8	
HR5201C / HR5211C	135269-8	-	
HR5202C, HR5212C		135629-4	
HR5001C	134945-1	-	
HR3520 / HR3850	-	-	273472-4
HR5000	134887-9	-	273472-4
HM0810T	-	-	273457-0
HM1101C/HM1111C	134890-0	-	-
HM1201	-	-	273467-7
HM1203C / HM1213C	135269-8	-	-
HM1214C / HR5202C / HR5212C	135283-4	-	-

### Hook

For model	Part No.
HR007G	■ 191W90-3
DHR183	■ 1911K0-5

### **Hammer Trolley**

- Supports the weight in transit
- Features: Trolley for 30kg Hammer





For model	Part No.
For HM1802, HM1812, HM1801 / HM1810T	D-54972

### **Hammer Service Kits**

Essential for effective maintenance of the hammers Consists of Carbon brush, O-rings and grease Required whenever carbon brushes are replaced



### For Breakers & Demolition Hammers

For Model	Part No.
HM001G	191N57-7
HM002G	191N77-1
DHK180	191C39-3
HK0500	193397-5
HK1810	193394-1
HK1820	195194-5
HM0810T	193242-4
HM0860C	195204-8
HM0871C, HM0870C	195113-1
HM1101C, HM1111C	195260-8
HM1130	193405-2
HM1201	193244-0
HM1202C, HM1202	193391-7
HM1203C, HM1213C, HM1214C	195114-9
HM1303	193393-3
HM1304	195201-4
HM1305	183952-1
11111303	195203-0
HM1306	195212-9
HM1307C, HM1317C	195103-4
HM1511	191M24-6
HM1801 / HM1810	195205-6
HM1812, HM1802	197127-6

### Oil Supply and Grease Vessel

For all oil lubricating machines



For use on the shank of the bit	I CLIVI
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. or use on the sham	or the pit	
Contents	Туре	Part No.
Grease 100 ml	_	194683-7
For 18 - 24mm Hamm	ers ers	
Grease 100 g	FA No. 2	188088-1

### F

For Rotary Hammers  A: Use with Slide-Chuck System  B: Use	with Swive	el-Chuck System
For Model	Туре	Part No.
HR002G, DHR242, DHR281, DHR283		195833-7
HR003G, HR007G, DHR280		199233-3
HR005G		196966-1
HR006G		191N79-7
HR008G		1910R8-2
DHR171		198564-7
DHR182, HR010G		199544-6
DHR202		195193-7
DHR263		195189-8
DHR400		197298-9
HR1830 (LOW VOLTAGE)		188388-9
HR1830		195198-7
HR2010	А	193395-9
HR2010	В	193396-7
HR2020, HR2432, HR2440, HR2450/F/T		195196-1
HR2400 (Red Chuck)	А	193386-0
HR2400 (Black Chuck)	В	193387-8
	В	
HR2410, HR2420	_	193389-4
HR2410, HR2420, HR2430, HR2431	А	193388-6
HR2460, HR2470,HR2470T		195263-2
HR2475		195109-2
HR2510		193404-4
HR2600, HR2610		195105-0
HR2611F		195107-6
HR2630		196968-7
HR2631FT, HR2611FT		195108-4
HR2631F		196967-9
HR2630T, HR2610T		195106-8
HR2663		196965-3
HR2800, HR2810		195206-4
HR3000C		193390-9
HR3011FC		191F03-2
HR3012FC		191F05-8
HR3200C, HR3210C		195199-5
HR3520		193280-6
HR3530		195211-1
HR3540, HR3541FC		195192-9
HR3850, HR3850B		193281-4
HR4000C		193283-0
HR4001C, HR4011C, HR4002		195195-3
HR4030C		195207-2
HR4003C, HR4013C		196532-4
HR4500C		193407-8
HR4501C, HR4511C		195210-3
HR5000		193284-8
HR5001C		193392-5
HR5201C, HR5211C		195191-1
HR5212C, HR5202C		196865-7
52126,11102026		170003-7

DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

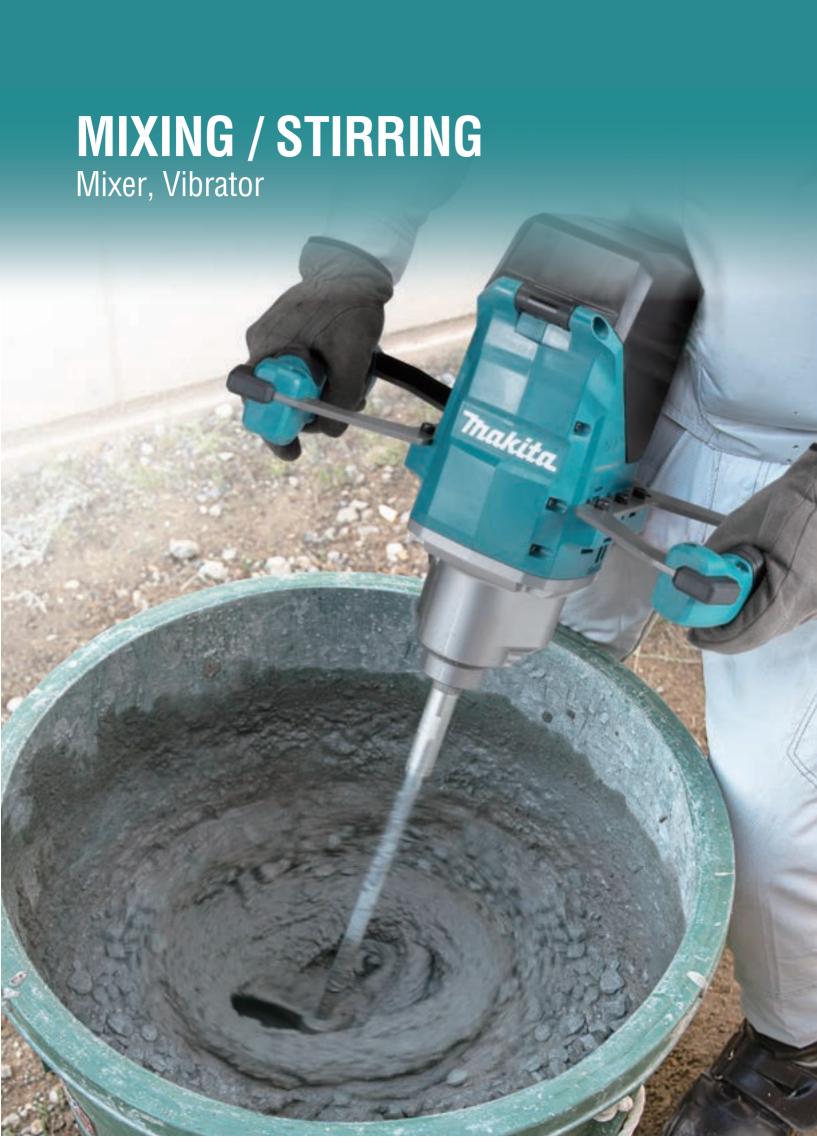
HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET



# UT001G 240mm 40V MAX | **₹**₹ **Concrete Mixer**

### Combination of XGT system and BL motor provides output power similar or superior to corded models in the same class

- 2-speed mechanical gearbox capable of
- 0-500rpm in low speed for mixing high viscous material such as concrete
- 0-920rpm in high speed for fast mixing materials such as mortar or paint
- Variable speed dial and trigger for to adjust the blade speed in fine increments to better suit the materials
- D shaped handle with soft rubber grip allowing the user to operate the tool ergonomically with less fatigue
- Soft start slows the blade speed at the start of mixing providing less reaction force to the user and minimizing the spatter of material

W 2 A A COVER BL XPT	
Blade diameter	240 mm (9-1/2")
No Load Speed (RPM)	High / Low: 0 - 920 / 0 - 500
Shaft holder	M12 / M14
Sound Pressure Level	81 dB(A)
Sound power level	92 dB(A)
Vibration level (m/s2)	Operation w/o load: 2.5 m/s or less
Dimensions (L v W v H)	/1/1 v //58 v 235 mm

4.97 kg (without battery, mixing blade and shaft)

Standard Equipment: M12 shaft holder with Shaft, Mixing blade 220, M14 shaft holder, Wrench 13, 19, 22.

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
UT001G M1 INCLUDES 1 BATTERY / 1 CHARGER	UT001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY/ CHARGER)



### **Cordless Li-ion Mixer with Brushless Motor**

- 2-speed mechanical gearbox capable of mixing wide range of applications
- Variable speed dial and trigger for to adjust the blade speed in fine increments to better suit the materials
- Soft start slows the blade speed at the start of mixing providing less reaction force to the user and minimizing the spatter of material

<b>2</b> (187)	T BL XPT
Blade Diameter	165 mm (6-1/2")
No Load Speed (RPM)	High / Low: 0 - 1,300 / 0 - 350
Shaft Holder	M12 / M14
Dimensions (L x W x H)	w/ Mixing Blade: 920x89x231 mm
	w/o Mixing Blade: 323x89x231 mm
Net weight	2.8 kg (without battery, mixing blade and shaft)

Standard Equipment: M12 shaft holder with Shaft and Mixing Blade, Grip, Wrenches

UT1305

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DUT130 RTE INCLUDES 2 BATTERIES / 1 CHARGER AND TOOL BAG	DUT130 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

CONCRETE DRILLING / DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

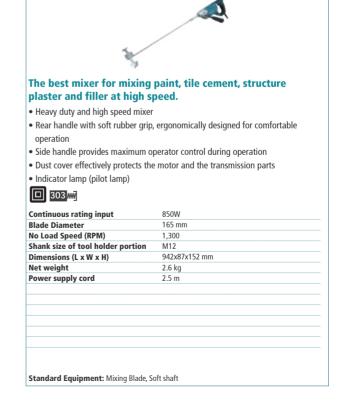


- Rear handle with soft rubber grip, ergonomically designed for comfortable operation.
- Dust cover effectively protects the motor and the transmission parts.

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Standard Equipment: Wrenches, Side Grip.

Continuous rating Input	850W
Mixing blade diameter	220mm
Shaft Holder	M12
No load speed	550rpm
Dimensions (L x W x H)	929mm x 89mm x 152mm
Net weight	3.4kg
Power supply cord	2.5m



### UT1400 140mm



### Hand-held Mixer



### This powerful 1300W, 1-speed mixing tool highly suitable for professional use up to 40-50 kg / litres.

• Due to its technical features this tool suits the needs of certain professionals for mixing paint, glue, plaster, etc.



1,050W (127V) / 1,300 (220V)
140mm (5-1/2")
0-850rpm (127V) / 0-900rpm (220V)
M14
50L
430 x 180 x 305mm
5.2kg

### VR001G

### 40V MAX | (XS)



#### **Concrete Vibrator**





### **Combination of XGT battery and brushless motor allows** the machine compatible with large diameter shafts

- Two power mode selection (normal/power) allows to use the machine for a wide range of jobsites
- Switch cover protects switch trigger and lock-on button from being blocked by adhered and hardened material such as concrete.

### A A OVER BL XPT

Flexible shaft diameter	ø28mm, ø32mm, ø38mm
Flexible shaft length: m	2.4m
Vibration per minute: VPM	15,500 (in power mode) / 12,000 (in normal mode)
Work amount (min) (with 4.0Ah)	45 (in power mode) / 60 (in normal mode)
Flexible shaft thread size	M6 x 1.0 (Flexible core shaft) /
	M36 x 1.5 (Coupling of outer casing)
Vibration level	4.3 m/s
Dimensions (L x W x H)	282 x 112 x 258
Net weight	1.4kg (without battery and flexible shaft)

#### VR001G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / FLEXIBLE SHAFT / CARRYING CASE)

### VR004C 52mm | VR002C 43mm





### **Concrete Vibrato**





#### Large diameter vibrator vibrating enables compaction over a wide area

- High frequency motor is placed in the vibration section to rotate the vibration weight directly without rotation transmitting rod
- Inside the shaft pipe, there run only lead wires and no rotation transmitting rod, making the flexible shaft lightweight
- Powered by PDC1200/ PDC01 portable power pack (optional)
- Less user fatigue due to the battery weight transferred from the tool body to the portable power pack on user's back
- Lower vibration transmitted to user
- Run time VR004C: 200min with PDC1200 / 60min with PDC01
- Run time VR002C: 300min / with PDC1200 / 100min with PDC01

	VR004C	VR002C
Diameter of vibrator	52 mm	43 mm
Flexible shaft assembly length	3m	3mm
Vibrations per minute (VPM)	12,000	12,000
Vibration level (m/s²)	2.5	2.5
Net weight	13.7 kg	12.9 kg

AVAILABLE VARIANTS					
"Z" VARIANT	"Z" VARIANT				
VR004C Z TOOL ONLY (DOES NOT INCLUDE POWER PACK UNIT)	VR002C Z TOOL ONLY (DOES NOT INCLUDE POWER PACK UNIT)				

### Flexible shaft for vibrators



For model	Dia.	Length	Part No.
VR001G	32mm	2.4m	■1910C2-9
VR001G	38mm	2.4m	■1910C4-5

### Battery Case

Battery cover minimizes the chance that spattered material might adhere to the battery









		Part No.
	BL4020, BL4040	■136704-9 (standard)
VR001G	BL4050F/ BL4080F	<b>1</b> 910J1-0
	PDC01/ PDC1200	■1910J4-4*
LITOOAC	BL4020, BL4040	■122D95-8 (standard)
UT001G	BL4050F, BL4080F	■1911R6-2

(\*Use with Adapter 191N62-4)

### **Shoulder Strap**



For model	Part No.
VR001G	<b>161347-8</b>

## **Mixing blade for Mixer**

### Mixing blade for model UT1400 / UT001G\* / DUT130\*

\*M14 shaft holder (327B35-1 ) is required for models UT001G and DUT130

	Materials	Mixing Effect	Diameter	Mixing Quantity	Shaft	Total Length	Part No.
	Thin, light and fluid materials, such as colours, base, sludges	Top to bottom	120 mm	16 - 30 kg	M14	590 mm	P-22012
A				ng power for paints y designed for cont		als.	
A	Sticky and viscous materials, such as mortar, plasters	Bottom to top	120 mm	10 - 15 kg	M14	590 mm	P-22028
Cy.	Very good movement	of material from	bottom to top,	flat helix places les	s demand on user	and machine.	
A	Sticky and viscous materials, such as mortar, plasters	Bottom to top	135 mm	15 - 30 kg	M14	590 mm	P-22040
C/A	Very good movement	of material from	bottom to top,	flat helix places les	s demand on user	and machine.	
S	Thin, light and fluid materials, such as colours, base, sludges	Top to bottom	120 mm	10 - 25 kg	M14	590 mm	P-22056
A	Uses three mixing blades to compress the especially suited to fluid an						

Mixing blade for model UT001G / DUT130 / UT1305 / UT2	ኃስ /
I Wilkling blade for filoder offoots / Doffso / Offsos / Offs	204
J Company of the Comp	

Wilking k	lauc 10	i model o	100107	DUI 130 / UT 1305 / UT	220-			Bolt			Shaft		
Shape	Dia	Material	Part #	Specs	Туре	With Bolt	Twin Blade	Size	Part #	Thread	Size	Part #	For Model
	130 mm	INOX	A-43670	Low load to motor due to small diameter	Α			M8 x 18	265220-5	M12	L=584mm D=12mm	321086-4	UT001G DUT130 UT1305
	135 mm	Aluminium	A-43723	The blade angle is narrow. For heavy mixing material such as concrete	В	~		W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT001G DUT130 UT1305 UT2204
	150 mm	INOX	A-43686	The blade is upward and has the ring around it. This can decrease kickback when hitting to side or bottom of vessel	A					M12	L=584mm D=12mm	321086-4	UT001G DUT130 UT1305 UT2204
	165 mm	INOX	A-43692	Four big holes can be can make easy for moving up and down	Α	<b>✓</b>		M8 x 18	265220-5	M12	L=584mm D=12mm	321086-4	UT001G DUT130 UT1305
36	175 mm	Aluminium	A-43701	Less wearing and long life	В	<b>~</b>	<b>~</b>	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT001G UT1305 UT2204
	183mm	Aluminium	A-43739	The blade angle is narrow. For heavy mixing material such as concrete	В	~	<b>~</b>	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT001G UT1305 UT2204
	190mm	Steel	A-33065	For two blades. Less wearing and long life	В	~	<b>~</b>	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT001G UT2204
S	200mm	-	A-43745	Less wearing and long life	В	~		Thread Type	-	M12	L=584mm D=12mm	A-43773	UT001G UT2204
	201mm	Steel	A-33071	For two blades (as tiwce as mixing ability). Light due to aluminium	В	<b>~</b>	<b>~</b>	W5/16 x 16	265475-2	M12	L=584mm D=12mm	A-43773	UT001G UT2204
4	220mm	Aluminium	A-43717	Big diameter and mixing widely. light due to aluminium	В	<b>~</b>		M8 x 16	265440-1	M12	L=584mm D=12mm	A-43773	UT001G UT2204

A: Mixing low viscosity materials such as paints.

B: Mixing for high viscosity materials such as mortar or Plaster/

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

ROUTERS / PLANERS

MULTI-TOOL

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

M12 shaft holder (327B34-3)

# **Cutting** [Concrete, Masonry, Metal]

Cutter, Power Cutter, Metal Cutter, Portable Cut-Off, Portable Band Saw, Shears and Nibblers





#### **Cordless Power Cutter (with dust collection port)**



DRY

Dust collection port to connect with vacuum cleaner

### Achieves a cutting depth of 127mm and a high cutting speed that overwhelm the engine models

- Equipped with anti-vibration housing with built-in spring to absorb the vibration from cutting to integrated front and rear handles
- AWS featured machine, operate the vacuum cleaner wirelessly
- Compatible with Diamond wheel only

### ED R 40/max 80V/max 84 AFT AWS

Diameter	355 mm (14")
Spindle Diameter	20mm (with ring 191W53-9, tool will fit 25.4mm bore wheels)
Max cutting capacity	127 mm (5")
No load speed (RPM)	4,200
Vibration level	Front/ Rear: 2.5 / 2.5 m/s <sup>2</sup> or less
Sound pressure level	105.8 dB(A)
Dimensions (L x W x H)	825 x 272 x 487mm
Net weight	11.3 kg (without battery)

Standard Equipment: Wrench, Ring

#### CE002G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

### **CE001G** 355mm

80V MAX | **€**X**©**7

#### **Cordless Power Cutter**



**WET / DRY** 

Water supply kit can be connected. The hose is designed to run inside the tool housing to prevent from being caught in objects.

#### Achieves a cutting depth of 127mm and a high cutting speed that overwhelm the engine models

- Equipped with anti-vibration housing with built-in spring to absorb the vibration from cutting to integrated front and rear handles
- IPX4-compatible High water-resistance allows to operate the machine even if it is

Maria ED Words 40 max Both XPT AFT WG	
Diameter	355 mm (14")
Spindle Diameter	20mm (with ring 191W53-9, tool will fit 25.4mm bore wheels)
Max cutting capacity	127 mm (5")
No load speed (RPM)	5,300
Vibration level	Front/ Rear: 2.5 / 2.5 m/s <sup>2</sup> or less
Sound pressure level	109 dB(A)

Sound power level 120 dB(A) 786 x 283 x 433 mm Dimensions (L x W x H) Net weight 10.3 kg (without battery)

Standard Equipment: Wrench, Ring, Coupling Sleeve

#### AVAILABLE VARIANTS

#### CF001G 7

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **DCE090** - 230mm



#### **Cordless Power Cutter**



Water supply kit can be connected. The hose is designed to run inside the tool housing to prevent from being caught in objects.

### Compact / Light Weight / Low Nose / High Power Power Cutter

- Max. cutting capacity 88mm depth
- AFT (Active Feedback sensing Technology) prevents kickback
- Overload indicator lamp
- Low vibration for increased operator convenience
- Ideal for cutting concrete slabs, walls, pavers, or block.

SOURCE STORES SOURCE SO	T (BRAKE

Wheel Diameter	230 mm (9")
Wheel Hole Diameter	22.23 mm
Max Wheel Thickness	3.0 mm
Max Cutting Capacity	88 mm
No Load Speed (RPM)	6,600
Vibration Level	Left / Right: 5.9 / 4.0 m/s <sup>2</sup>
Sound Pressure / Power Level	103 dB(A)
Sound Power Level	114 dB(A)
Dimensions (L x W x H)	554x241x283 mm
Net weight	6.3 kg

Standard Equipment: Hex Wrench

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DCE090 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER	DCE090 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

### EK8100WS 405mm (16")

### **Engine Power Cutter**



### Powerful and Lightweight power cutter in this class.

- Easy and time-saving cutting even though hardest materials.
- Multi-functional switch lever : Choke, half throttle, and stopping can be controlled by a single switch lever.
- More efficient engine cooling: Obtained by using starter cover with bigger air intake area and new flywheel.

Carburetor: Diaphragm type, Starter system: Recoil





Wheel diameter	405mm (16")
Engine	81mL
Max cutting depth	147mm (5-3/4")
Circumferential speed	80m/s
Engine power	4.5kW / 6.2PS
Fuel tank	1.1L
Bore size	25.4mm
Overall length	830mm (32-3/4")
Net weight	10.6kg (23.3lbs)

Standard Equipment: Water attachment kit and Abrasive wheel

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

**EK7301WS** - 350mm **Engine Power Cutter** 





- Powerful and compact design power cutter
  Easy and time-saving cutting even though hardest materials.
  Multi-functional switch lever: Choke, half throttle, and stopping can be controlled by a single switch lever.
- More efficient engine cooling : Obtained by using starter cover with bigger air intake area and new flywheel.
- Carburetor : Diaphragm type, Starter system : Recoil

Wheel diameter	355mm (14")
Engine	73mL
Max cutting depth	122mm (4-13/16")
Circumferential speed	80m/s
Engine power	4.2kW / 5.7PS
Fuel tank	1.1L
Bore size	25.4mm
Sound pressure level	100dB(A)
Vibration level Front handle	6.2m/s <sup>2</sup>
Vibration level Rear handle	4.4m/s <sup>2</sup>
Overall length	770mm (30-1/4")
Net weight	10.1kg (22.2lbs)

Standard Equipment: Water attachment kit and Abrasive wheel

### EK7651HX1 355mm (14")

### **Engine Power Cutter**







### **Environment-Friendly and Cost-Saving 4-Stroke Engine**

- Automatic decompression Reduces start up required to pull the starter handle force by about 40% compared to 2-stroke power cutter
- Oil pre-filter cover can easily be removed without using tools
- Low-vibration system
- Castors for moving convenience
- Cutting dust suppression

Wheel diameter	355mm (14")
Engine	75.6 ml
Max. cutting depth	122mm (4-13/16")
Max. output power	3.0kW / 4.1PS (at 7,500 min1)
Max. torque	4.6 (at 5,500 min1)
Fuel tank	25.4mm
Bore size	1.1L
Dimension (L x W x H)	780 x 310 x 455mm (30-3/4" x 12-1/4" x 17-7/8")
Dry weight	12.9kg (28.4lbs)

Standard Equipment: Engine tool set, Oil, Water supply set

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### EK7650HX1 305mm (12")

### **Engine Power Cutter**







### **Environment-Friendly and Cost-Saving 4-Stroke Engine**

- Automatic decompression Reduces start up required to pull the starter handle force by about 40% compared to 2-stroke power cutter
- Oil pre-filter cover can easily be removed without using tools

Standard Equipment: Engine tool set, Oil, Water supply set

- Low-vibration system
- · Castors for moving convenience
- Cutting dust suppression

Specifications:-	
Wheel diameter	305mm (12")
Engine	75.6 ml
Max. cutting depth	97 (3-13/16")
Max. output power	3.0kW / 4.1PS (at 7,500 min1)
Vlax. torque	4.6 N.m (at 5,500 min1)
Fuel tank	1.1L
Bore size	20mm
Dimension (L x W x H)	761 x 310 x 435mm (30" x 12-1/4" x 17-1/8")
Dry weight	12.7kg (28lbs)

### 4112HS 305mm (12")



### **Angle Cutter**







### 305m (12") diamond wheel provides max.cutting depth of 100mm (4").

- Features soft start for smooth start-ups.
- Smooth and comfortable cutting
- Super Joint System protects operator and gearing from accidental locking of the wheel.



Continuous rating Input	2,400W
Capacity	Max. cutting : 100mm (4")
Blade diameter	305mm (12")
No load speed	5,000rpm
Overall length	648mm (25-1/2")
Net weight	11.4kg (25.2lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Socket Wrench. (Tool does not come with diamond wheels)

#### **DCC501** 125 mm

#### 18V | /LXT

#### Cordless Tile Cutter (Wet / \*Dry)





#### Cuts up to 40 mm with 125 mm wheel

- BL motor povides high power and excellent cutting performance
- Water supply attachment with a tank capacity of 500mL
- Bevel cut up to 45 degrees enables bevel cutting of bricks
- Water supply cover set (standard) Part No. 191M48-2
- Dry cutting possible with optional dust cover attachment (\*) Part No. 191N83-6



with water supply tank 283 x 163 x 291 mm

Net weight 2.3 kg (without battery) Standard Equipment: Water Supply Tank Assembly, Hex Wrench

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DCC501 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPCK CASE	DCC501 ZJ TOOL ONLY (WITH MAKPAC CASE) (DOES NOT INCLUDE BATTERY / CHARGER)

#### CC301D 85mm

Cordless Tile Cutter (Dry)

#### 12V MAX | (CXT)

# CONCRETE DRILLING / DEMOLITION

DRILLING / FIXING

#### MIXING / STIRRING

# CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

#### **Smooth and powerful cutting**

- High rotational speed of 1,500RPM
- Compact design with an overall length of 313mm
- Ergonomically designed handles
- Water supply tank with large cap
- Bevel cuts up to 45 degrees
- Nickel-plated base for rust prevention



Max cutting capacity	at 0 degrees : 25.5mm (1")
	at 45 degrees : 16.5mm (5/8")
Blade diameter	85mm (3-3/8")
No load speed (rpm)	1,600
Tank capacity	Water : 0.5L
Dimensions (L x W x H)	313x170x125mm
Net Weight	1.8ka

Standard Equipment: Diamond wheel, Hex Wrench, Water supply tank assembly

AVAILABLE VARIANTS	
2.0Ah	"Z" Version
CC301D WAE INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	CC301D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### 4100NH 110m (4-3/8")



#### Tile Cutter

Dimensions (L x W x H)



#### More powerful cutting tile, also cut stone, masonry, concrete

- Water flow can easily be adjusted.
- Can be used with wet or dry type wheels.
- Apart from stone, masonry, tile and concrete cutting, Makita also has specilaized wood cutting saw blade for cutter 4100NH



wood cutting saw blade (Optional) (Part no: B-39475)



Continuous rating Input	1,200W
Capacity	Max. cutting: 34mm (1-5/16")
Blade diameter	110mm (4-3/8")
No load speed	13,000rpm
Overall length	234mm (9-1/4")
Net weight	2.9kg (6.5lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Wrench, Socket Wrench, Water Plug & Tube

(Tool does not come with diamond wheel)

#### 4107R 180mm (7-1/8")



#### Tile Cutter



#### Ouick and clean cutting.

• Waterproof construction.



Continuous rating Input	1,400W
Capacity	Max. cutting: 60mm (2-3/8")
Blade diameter	180mm (7-1/8")
No load speed	5,000rpm
Overall length	370mm (14-9/16")
Net weight	6.6kg (14.5lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Diamond Wheel, Socket Wrench, Offset Wrench, Water Plug & Tube

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS

AND POUCHES / MAKPAC SYSTEM

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING /

CUTTING (CONCRETE /

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS SG1251J 125mm (5")



#### **Wall Chaser**





#### Clean, compact and comfortable.

- Ergonomically designed handle for comfort.
- Improved trigger switch operable with the fingers of the hand holding the top handle.
- Conveniently located front cover efficiently prevents the dust from spreading, in every cutting depth.

	MAKPAC - Stackable & Interlocking Tool Case 318 W
ontinuous rating Innut	1.400W

I,400W
Depth : 0-30mm (0 - 1-3/16")
Nidth : 6-30mm (1/4 - 1-3/16")
125mm (5")
10,000
350x151x178mm (13-3/4"x5-15/16"x7")
1.5kg (9.8lbs)
5.0m (16.4ft)

#### **SG150** 150mm (6")









# Cuts a slot up to 35mm wide and 45mm deep in concrete with powerful 1,800W motor and double diamond wheel.

• The 1800W power and its cutting ability (from 7 to 35mm of width and from 7 to 45mm of depth) are ideal for electric main wires and spouts as well as for heating systems.

#### B45872WW

Continuous rating Input	1,800W
Blade diameter	150mm (6")
Capacity	Depth: 7-45mm (9/32-1-3/4")
	Width: 7-35mm (9/32-1-3/8")
No load speed	7,800rpm
Overall length	410mm (16-1/8")
Net weight	5.7kg (12.6lbs)

#### WEIA

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **METAL CUTTER**



#### 

#### **Cordless Metal Cutter**





# Designed mainly for single-pass cutting of 65mm metal studs, 2-1/2" equal angle steel bars and lip channel steel bars.

- 40Vmax XGT Li-lon battery and BL motor, deliver high power cutting performance
- Equipped with a Lever for opening/closing Safety cover
- Easy to attach/detach Dust box simply by one-hand operation

185 mm
0°: 67 mm
3,500
102dB(A)
113db(A)
2.5 m/s or less
350 x 232 x 270 mm
3.5 kg (without battery)

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AVAII ARI F VARIANTS

AVAILABLE VAI

#### CS002G Z

TOOL ONLY

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASI

#### **DCS553** 150mm

18V | <u>LXT</u>

**Cordless Metal Cutter** 



# The 150mm diameter blade enables single-pass cutting of a 2-inch inner diameter metal pipe (outer diameter: 55.8mm)

- Built-in dust collection box for cleaner work environment
- Metal chip/dust can be thrown away by just opening the dust box cap
- Increased speed (4,200 RPM) provides more comfortable operation for light load application
- Cuts 51 mm (2") conduit in a single pass



Blade Diameter	150 mm
Max Cutting Capacity	90°: 57.5 mm
No Load Speed (RPM)	4,200
Vibration Level	Cutting Metal: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	103 dB(A)
Sound Power Level	114 dB(A)
Dimensions (L x W x H)	267x186x250 mm
Net weight	3.1 kg

Standard Equipment: TCT Saw Blade, Hex Wrench, Safety Goggles, Guide Rule

#### AVAILABLE VARIANTS

"Z" VARIANT

**DMC300** 76mm

**Cordless Compact Cut Off** 

DCS553 Z

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

18V | /LXT

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

4131 185mm

Metal Cutter



#### 185mm metal cutter for cutting steel up to 6mm in thickness

- Dust-free, high-speed cutting.
- Cuts steel with minimal burrs and burns.
- One-touch dust-box removable.

303 km
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Continuous rating Input	1,100W
Blade diameter	185mm (7-1/4")
Capacity	Max. cutting: 63mm (2-1/2")
No load speed	3,500rpm
Overall length	358mm (14-1/8")
Net weight	5.1kg (11.3lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Carbide-Tipped Saw Blade, Hex Wrench, Safety Goggles.

# (For accessories: Refer Page # 157) Compact and well balanced for increased maneuverability

 Designed to have enough power and compactness for enabling small jobs such as cutting thin sheet metals, PVC pipes, plaster boards, Tile and etc

• Ideal for automotive repair shops, plumbing traders and air conditioning equipment suppliers

	William LXT. EL AFT XPT
Wheel diameter	76 mm
Hole diameter	9.5, 10.0 mm
Wheel plate thickness	1.0 mm
No load speed (RPM)	20,000
Max cutting capacity	with dust cover attachment: 13.5 mm
	without dust cover attachment: 16.0 mm
Circumference of grip portion	156 mm
Dimensions (L x W x H)	253 x 104 x 182 mm
Net weight	1.1 kg (without battery)

Standard Equipment: Hex Wrench

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DMC300 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / / MAKPAC CASE	DMC300 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

PB002G

40V MAX | (XS)



**Cordless Portable Band Saw** 





# Superior Cutting efficiency achieved by BL motor. Cuts 4" to 2/1-4" steel pipes efficiently.

- High cutting efficiency achieved by: increasing the cutting speed and minimizing the reduction in blade speed
- Easy installation/removal of blade
- Easy blade track adjustment simply by turning a screw
- Adjustable stopper plate
- Variable speed control by dial

Capacity	Square: 127 x 127 mm (5 x 5")
Blade Speed	0 - 3.2 m/min
Blade Size	Length: 1,140 mm (45") / Width: 13 mm (1/2")
	Thickness: 0.5 mm (0.02")
Dimensions (L x W x H)	510 x 218 x 314 mm
Net weight	5.9 kg (without battery)

Standard Equipment: Hex Wrench

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
PB002G M2 INCLUDES 2 BATTERIES / 1 CHARGER / / PLASTIC CASE	PB002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

**DPB180** 18V | **LXT** 

**Cordless Portable Band Saw** 





#### Light weight and well balanced tool design.

- Electronic current limiter for overload protection (with Warning Lamp).
- Single-Light LED Job Light with afterglow function.
- Speed Preset Dial allows to adjust the blade speed to suit workpiece material or desired finish.
- Ergonomically designed handle with elastomer surface for anti-slip, firm grip.
- Bumper protects tool body when putting down on the floor.



Capacity	Round workpiece (dia): 120mm (4-3/4")
	Rectangular workpiece Without stand: 120x120mm
	(4-3/4"x4-3/4")
Blade speed	84m (275 ft) - 162m (530 ft) / min
Dimensions (L x W x H)	523x231x313mm (20-5/8"x9-1/8"x12-3/8")
Net weight	6.4kg

Standard Equipment: Hex wrench.

AVAILABLE VARIANTS
"Z" VARIANT
DPB180 Z TOOL ONLY (DOES NOT NUCUDE BATTERY / CHARGER OR CARRY CASE )

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DPB183** 

18V | /LXT

#### **Cordless Portable Band Sav**





#### High power & Compact design due to brushless motor. Stable cutting with highly rigid aluminium structure

- Constant speed control minimizes the reduction in blade speed to provide stable cutting
- Easy blade track adjustment simply by turning the screw
- Lightweight design with excellent balance
- Easy installation / removal of blade
- Variable speed control by dial
- Catch bracket protects the tool body from damage by hitting against workpiece.





Capacity	Round: 66 mm
	Square: 66 x 66 mm
Blade Speed	0 - 3.2 m/s
Blade Size	Length: 835 mm / Width: 13 mm / Thickness: 0.5 mm
Dimensions (L x W x H)	392x174x242 mm
Net weight	3.9 kg

Standard Equipment: Hex wrench

AVAILABLE VARIANTS

DPB183 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

2107FK



#### **Portable Band Saw**





#### Large 4/3-4" x 4/3-4" capacity with excellent tool balance

- Bridge construction of aluminum frame and motor housing makes the machine
- Built-in fluorescent job light for clear view of ink line even in dark places
- Switch for fluorescent job light is independent of main switch
- Preset dial for speed adjustment enables you to obtain suitable cutting speed for each material



Continuous rating Input	710W	
Capacity	Round work piece (dia.): 120mm (4-3/4")	
	Rectangular work piece	
	(Without stand): 120 x 120mm (4-3/4" x 4-3/4")	
Blade speed	60m (200 ft) - 105m (350 ft) /min	
Dimensions	508 x 188 x 256mm	
(L x W x H)	(20" x 7-3/8" x 10-1/8")	
Net weight	6.0kg (13.1lbs)	
Power supply cord	2.5m (8.2ft)	

Standard Equipment: Carbon Steel Band Saw Blade (18 teeth per inch) 1 pc, Hex. Wrench

#### CA5000XJ 118mm (4-5/8")



#### **Aluminum Groove Cutter**

Tool be used with guide Rail





#### **Developed for cutting grooves in aluminum composite** materials

- Cutter blade for 90 degrees V shaped groove enables you to cut grooves in aluminum composite materials (e.g. exterior wall panels).
- Ideal for processing aluminum composite material
- User-friendly blade cover design for easy blade change
- Two in one; Also can be used as a plunge cut circular saw.





Continuous rating input	1,300W
Blade	Type : Cutter blade / TCT saw blade
Blade Diameter	118mm
Hole Diamter	20mm
Max cutting capacity with Cutter blade	with Guide rail: 11mm (7/16")
Max cutting capacity with TCT Saw blade	with Guide rail: 36mm (1-7/16")
	without Guide rail: 41mm (1-5/8")
No Load Speed (RPM)	2,200-6,400
Dimensions (L x W x H)	346x250x250mm
Net weight	5.1kg (11.3lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Cutter blade, Plate, Hex wrench

#### LC1230 305mm (12")



#### **Metal Cutting Saw**





#### Fast cuts in light pipe, angle iron, tubing, conduit and channels.

- Just release lever to adjust cutting angle; no tools required.
- Carbide tipped blade lasts longer than abrasive wheel; cuts clean, accurate and virtually burr free.

#### 203 💆

Continuous rating Input	1,750W
Blade diameter	305mm
Capacity	at 0 degrees: 115mm (4-1/2")
	at 0 degrees: 75mm x 150mm (2-15/16" x 5-7/8")
	at 45 degrees: 90mm (3-1/2")
	at 45 degrees: 85 x 85mm (3-5/16" x 3-5/16")
No load speed	1,300rpm
Dimensions	516mm x 306mm x 603mm
(L x W x H)	(20-1/4" x 12" x 23-3/4")
Net weight	19.3kg (42.5lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Carbide-tipped Saw Blade (for mild steel), Socket Wrench, Safety Goggles.

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### LW1 400 355mm (14")



#### **Cutting work Amount**

18Vx2

#### **World's First Cordless Portable Cut-off**

- Fastens 380 M22 (7/8") torque shear bolts with two 18V 6.0 Ah batteries
- Load status indicator

**DLW140** - 355mm

**Cordless Portable Cut-off** 

- Tool-less replacement of abrasive cut-off wheel
- Toolless adjustment of guide plate
- Large spark guard



Wheel Diameter	355 mm (14")
Hole Diameter	25.4 mm (1")
No Load Speed (RPM)	3,800
Capacity at 90°	Round: 127 mm (5")
	Rectangular: 115x130 mm / Rectangular: 102x194 mm
	Rectangular: 70x233 mm
Capacity at 45°	Round: 127 mm (5") / Rectangular: 115x103 mm
Vibration Level	2.5 m/s <sup>2</sup>
Sound Pressure Level	103 dB(A)
Sound Power Level	115 dB(A)
Dimensions (L x W x H)	537x290x640 mm
Net weight	17.8 kg

	AVAILABLE VARIANTS	
6.0Ah	3.0Ah	"Z" VARIANT
DLW140 PG2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER ONLY	-	DLW140 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### **Portable Cut-off**





#### Powerful 2,200W motor 355mm (14") Portable Cut-off, with tool-less functions

- Replacement of Abrasive cut-off wheel and adjustment of Guide plate can be done without any tools.
- Large spark guard prevents backward scattering of spark.
- Quick release vise



Continuous rating input	2,200W
Wheel size	Diameter : 355mm (14")
	Hole diameter: 25.4mm (1")
	Thickness: 3mm (1/8")
No load speed (rpm)	3,800
Capacity	Round stock: 127mm (5")
	Rectangular stock (H x W) : 102x194mm
Dimensions (L x W x H)	530x295x640mm (20-7/8"x11-5/8"x25-1/4")
Net weight	17.0kg (37.5lbs)
Power supply cord	2.5m (8.2ft)

**CUTTING CAPACITIES (mm)** 

	0			Ш					ഥ		
	90°	45∘		90°	45∘		90∘	45∘	90∘	45∘	
	115	115		115	115		119)	k 106	137	100	

Standard Equipment: Abrasive cut-off wheel, Socket wrench

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

-----

LW1401 355mm (14")
Portable Cut-off





# Powerful 2,200W motor 355mm (14") Portable Cut-off, successor to 2414NB

- Ouick release vise
- Carry handle for easy transport to job site.

203 📖

Continuous rating i	input	2,200W
Wheel size		Diameter : 355mm (14")
		Hole diameter: 25.4mm (1")
		Thickness: 3mm (1/8")
No load speed (rpm	1)	3,800
Capacity		Round stock: 127mm (5")
		Rectangular stock (H x W) : 70x233mm
Dimensions (L x W	х Н)	500x290x620mm (19-3/4"x11-3/8"x24-3/8")
Net weight		16.6kg (36.6lbs)
Power supply cord		2.5m (8.2ft)
CUTTING CAPACITIE	S (mm)	
0		L

137 100

90° 45°

119 x 106

45°

Standard Equipment: Abrasive Cut-off Wheel, Socket Wrench.

115 115

**2414** 355mm (14")



**Portable Cut-off** 



# Guide plate adjusts 45 degrees; 3 way adjustment for material holding.

- The wheel support's unique ability prevents it from loading and enhances cut-off performance.
- Quick vise for fast clamping of various size materials.

153 MW

Continuous rating Input	1,450W	
Wheel dia.	355mm (14")	
Hole dia.	25.4mm (1")	
No load speed	3,800rpm	
Dimensions	500mm x 280mm x 600mm	
(L x W x H)	(19-11/16" x 11" x 23-5/8")	
Net weight	16.3kg (36lbs)	
Power supply cord	2.5m (8.2ft)	
Power supply cord	2.5m (8.2ft)	
CUTTING	CADACITICS ()	

CU	TTING	CAP	١CI	TIES (	mm)					
		)						[]	_	
	90°	45°		90°	45°	90°	45°	90°	45°	
	115	115		115	115	119)	(106	137	100	

Standard Equipment: Abrasive Cut-off Wheel, Socket Wrench.

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM 2414B 355mm (14")



#### **Portable Cut-off**





# Unique twin pivoting cutting head for increased cutting capacity.

- Quick release vise for secure stock retention and fast repeated cut-offs.
- Lock off button helps prevent accidental starting.
- Adjustable depth stop for precise, repeatable cutting depth.
- $\bullet$  Guide plate adjusts 45 degrees, 3 way adjustment for material holding.

**□** 203 ₩

220V: 2,000W / 127V: 1,650W	
355mm (14")	
25.4mm (1")	
3,800rpm	
500mm x 280mm x 600mm	
(19-11/16" x 11" x 23-5/8")	
15.9kg (35lbs)	
2.5m (8.2ft)	
	355mm (14") 25.4mm (1") 3,800rpm 500mm × 280mm × 600mm (19-11/16" x 11" x 23-5/8") 15.9kg (35lbs)

CUTT	ING	CAP	\CI	TIES (	mm)								
	0										L		
9	90°	45∘		90°	45∘		90°	45∘		90°	45∘		
1	115	115		122	106		70 x	240		139	100		

Standard Equipment: Abrasive Cut-Off Wheel, Socket Wrench.

**2416S** 405mm (16")



#### **Portable Cut-off**



#### 405mm (16") blade for more cutting capacity.

- Good reputation for pipe and angle iron cut-off work.
- $\bullet$  Quick release vise for secure stock retention and fast repeated cut-offs.

153 MM

Continuous rating Input	1,430W
Wheel dia.	405mm (16")
Hole dia.	25.4mm (1")
No load speed	2,300rpm
Dimensions	610mm x 265mm x 535mm
(L x W x H)	(24" x 10-3/8" x 21")
Net weight	19.2kg (42.3lbs)
Power supply cord	2 5m /9 2ft)

CUTTING CAPACITIES (mm)

	0			0					占		
	90°	45∘		90°	45∘		90°	45∘	90∘	45∘	
	115	115		120	110		80 x	230	150	110	

**Standard Equipment:** Abrasive Cut-Off Wheel, Socket Wrench.

**DSC251** 18V | **//** 

#### **Cordless Steel Rod Cutter**



#### Ideal for edge cutting of threaded rods and rebars

- Fine edge cutting: Rebars can be cut at 3.5 mm from the corner of lattice for both vertically and horizontally:
- Threaded rods can be cut also at 3.5 mm from the ground/surface
- Less damage to the threaded rods and therefore nuts can be installed without removing burrs
- ADT (Automatic Torque Drive Technology) adjusts speed and torque during operation for optimum performance
- High power with Brushless Motor
- Flangeless blade can be equipped

# Excellent edge cutting 3.5mm from the ground/surface



#### Accessories



For Model	Туре	Size	Part no:
DSC251	TCT Saw Blade	110mm	SC09003260
DSC251	Efficut Saw Blade	110mm	E-11097`
Spacer part # SC09030550 used with DSC250 to fit the above accesso		he above accessory	

#### BL ADT

Blade Diameter	110 mm
Cutting Capacity	Dia.: 10 - 25 mm
No Load Speed (RPM)	2,200
Vibration Level	Cutting Rebar: 2.5 m/s <sup>2</sup> or less
Dimensions (L x W x H)	471x137x139 mm
Net weight	4.0 kg

Standard Equipment: Side Grip, Hex Wrench

AVAILABLE VARIANTS

"Z" VARIANT

DSC251 ZK
TOOL + CARRY CASE
(DOES NOT INCLUDE BATTERY / CHARGER)

**DSC163** 18V | **ZXT** 

#### **Cordless Steel Rod Cutter**



#### **Brushless Motor for faster rebar cutting**

- Quick and effortless rebar cutting for maximum jobsite productivity and safety
- Spark free cutting, Ideal for cutting steel bars laid in concrete slab
- Up to 150 cuts of 20 mm rebar with a 6.0Ah LXT battery
- Cutting capacity range of 3 20 mm standard rebar
- 4-Way rotatable cutting blade provides up to 4,000 cuts before needing to be replaced
- Cutting head rotates 360° to accommodate different cutting positions.





#### Accessories I







Capacity	Dia: 3 - 16 mm
Cutting Speed (sec)	2.8 sec
Dimensions (L x W x H)	360x108x276 mm
Net weight	6.9 kg

Standard Equipment: Wrench, Hex Wrench

AVAILABLE VARIANTS

"Z" VARIANT

DSC163 ZK
TOOL + CARRY CASE
(DOES NOT INCLUDE BATTERY / CHARGER)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DSC121** 

#### Cordless Threaded Rod Cutter



#### High cutting power and speed achieved by BL motor

Powerful BL motor Cuts M12 steel threaded rod in 3 seconds



**Balance stand** helps you cut thread horizontally





#### **Accessories**

#### **Cutter blade set**



Clean cut surface Burr-free cuts allow for easy nut tightening.



Туре	Size	Part no:
Mild Steel - Stainless Steel	M12	SC09002720
Mild Steel - Stainless Steel	M10	SC09002710
Mild Steel - Stainless Steel	M8	5,000002700





Capacity	Steel: 8 - 12 mm (5/16" - 1/2")	
Cutting Speed (sec)	3.0	
Vibration Level	2.5 m/s <sup>2</sup> or less	
Sound Pressure Level	85 dB(A)	
Sound Power Level	96 dB(A)	
Dimensions (L x W x H)	212x323x260 mm	
Net weight	6.0 kg	

Standard Equipment: Hex Wrench

# AVAILABLE VARIANTS DSC121 ZK TOOL + CARRYCASE ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

**DSC102** 18V | /LXT

#### **Cordless Threaded Rod Cutter**





#### Compact & lightweight provides increased comfort for overhead cutting

- No spark, no deburring required and low noise
- Nut can be immediately mounted.

Performs stable cutting even on the floo **∢**[1]









Capacity	Steel: M6 - M10 mm (W3/8") cutting threaded stainless steel rod (rod size W3/8):	
Vibration Level		
	2.5 m/s <sup>2</sup> or less	
Dimensions (L x W x H)	199x103x308 mm	
Net weight	3.3 kg	

Standard Equipment: Depth Gauge, Hex Wrench,

#### AVAILABLE VARIANTS

DSC102 ZJ
TOOL + MAKPACK CASE ONLY
(DOES NOT INCLUDE BATTERY / CHARGER)

#### SC103D



#### **Cordless Threaded Rod Cutter**





# Compact & lightweight provides increased comfort for overhead cutting No spark, no deburring required and low noise

- Nut can be immediately mounted.

Performs stable cutting even on the floor (same as LXT tool DSC102)











Mild Steel: M10
Stainless Steel: W3/8
20 mm
M10 (Mild Steel) w/BL1041B: 550
180x107x289 mm
2.8 kg

Standard Equipment: Depth Gauge, Hex Wrench,

#### AVAILABLE VARIANTS

SC103D ZJ
TOOL + MAKPACK CASE ONLY
(DOES NOT INCLUDE BATTERY / CHARGER)

#### **Accessories**

#### Long life cutter blade



High rigidity Double-edged blade

#### Clean cut surface Burr-free cuts allow for easy nut tightening.



Type	Size	Part no:
Mild Steel - Stainless Steel	M6	199087-8
Mild Steel - Stainless Steel	M8	199085-2
Mild Steel	M10	199083-6

(Unit: mm)

#### **Cordless Hole Puncher**



#### More reliable sturdy aluminium casing attachment

- Punches up to 20 mm holes through steel plate up to 8 mm thick
- Versatile punch is applicable to a variety of materials: mild steel, stainless steel, channel, aluminium and copper.
- Provides high-speed punching of round/oblong holes through structural steels such as flat bar, angle or channel.



Capacity		Steel: 20 mm (13/16")
		Stainless Steel: 20 mm (13/16")
	Max Throat Depth	40 mm (1-9/16")
	Dimensions (L x W x H)	417x127x315 mm
	Net weight	10.5 kg

	AVAILABLE VARIANTS	
tandard Equipment: Hex Wrench, Spanner, Bar for fastening nuts, Grip		
Net weight	10.5 kg	
Dimensions (L x W x H)	417x127x315 mm	

DPP200 ZK
TOOL ONLY + CARRY CASE (DOES NOT INCLUDE BATTERY / CHARGER)



#### **Automatic** nunch return



Automatic punch return: After a punching cycle is completed, hydrau/lic pressure automatically pulls off the punch from workpiece and returns it to the initial position to enable efficient continuous hole punching







Min: 40mm x 40mm x t3 Max: 80mm x 80mm x t8

# Channel

Min: 75mm x 40mm Max: 100mm x 50mm Flat Punching

Motor section swivels

full 360 degrees

#### Accessories

Flat bar

Max: 80mm x t8

(Center punching)











DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **DJS101** 1.0 mm (19 Ga)

#### **Cordless Straight Shear**





#### High cutting capacity cordless 1.0mm metal shear

- Easy curve cutting
- Straight design provides more control and high maneuverability for easy cutting operation
- Minimum outside cutting radius of 30 mm for close right or left curve cuts with a
- Anti-restart function with warning lamp



Capacity	Steel up to 400 N/mm <sup>2</sup> : 1.0 mm	
	Steel up to 600 N/mm <sup>2</sup> : 0.7 mm	
	Aluminum up to 200 N/mm <sup>2</sup> : 2.5 mm	
Strokes Per Minute (SPM)	4,300	
Dimensions (L x W x H)	364x78x118 mm	
Net weight	2.2 kg	

#### Standard Equipment: Hex Wrench

· ·			
AVAILABLE VARIANTS		ARIANTS	
5.0Ah		"Z" VARIANT	
	DJS101 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DJS101 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

#### **DJS200** 2.0 mm (14 Ga)

#### **Cordless Metal Shear**





Tool-free shear head rotates 360° for increased comfort in various cutting positions

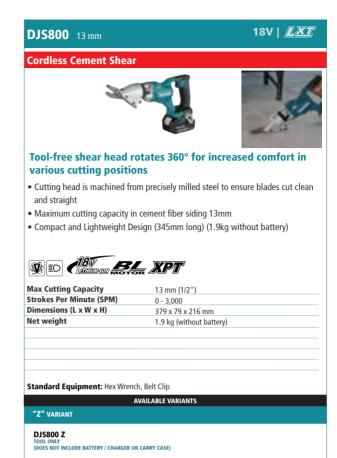
- Cutting head is machined from precisely milled steel to ensure blades cut clean and straight
- Maximum cutting capacity in steel 2.0mm
- Compact and Lightweight Design (345mm long) (1.9kg without battery)

ED CHANGE APT
Steel: 2.0 mm (14 gauge)
Stainless Steel: 1.6 mm (16 gauge)
0 - 3,000
345 x 79 x 207 mm
2.5 kg

Standard Equipment: Hex Wrench, Belt Clip

TO THE TOTAL OF TH	
"Z" VARIANT	
DJS200 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

**DJS131** 1.3 mm (18 Ga) 18V | **/**/**X**/**T**/ DRILLING / **Cordless Metal Shear** CONCRETE DRILLING / DEMOLITION MIXING / STIRRING Tool-free shear head rotates 360° for increased comfort in various cutting positions • The cutting edge of the blade is offset against the central axis • Designed for curved cuts and corrugated roofing in steel up to 1.3mm CUTTING (CONCRETE / METAL) (able perform curved cuts) • Compact and Lightweight Design (332mm long) A ID CHANGE BL XPT GRINDING Capacity Steel: 1.3 mm (18 gauge) Stainless Steel: 1.0 mm (20 gauge) Strokes Per Minute (SPM) 0 - 3.000 SANDING / POLISHING Dimensions (L x W x H) 332 x 79 x 252 mm Net weight 1.6 kg (without battery) SAWING Standard Equipment: Hex Wrench, Belt Clip AVAILABLE VARIANTS "Z" VARIANT DJS131 Z





MULTI-TOOL

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)



#### **Straight Metal Shear**





#### Ingenious aesthetic design provides more control and high maneuverability

- Mainly for Straight Cutting.
- Ergonomically best possible barrel grip for straight shear.
- Rear cover ergonomically tapered for easy grip.

#### **□** 459 ww

Continuous rating Input	380W
Capacity	Steel up to 400 N/mm <sup>2</sup> :1.6mm
	Steel up to 600 N/mm <sup>2</sup> :1.2mm
	Steel up to 800 N/mm <sup>2</sup> :0.8mm
	Aluminum up to 200 N/mm <sup>2</sup> : 2.5mm
Min cutting radius	250mm (9-7/8")
Strokes per min.	4,500
Dimensions (L x W x H)	320x70x78mm (12-5/8"x2-3/4"x3-1/16")
Net weight	1.4kg (3.1lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Hex Wrench, Thickness Gauge

#### **JS1602** 1.6mm (16Ga)

**Metal Shear** 







#### Slim motor housing and rear cover provides more control and better maneuverability.

• Conveniently located slide switch for one hand operation.



Continuous rating Input	380W
Capacity	Steel up to 400 N/mm <sup>2</sup> : 1.6mm
	Steel up to 600 N/mm <sup>2</sup> : 1.2mm
	Steel up to 800 N/mm <sup>2</sup> : 0.8mm
	Aluminum up to 200 N/mm <sup>2</sup> : 2.5mm
Min. cutting radius	30mm (1-3/16")
Strokes per minute (spm)	4,000
Dimensions (L x W x H)	255x74x146mm (10"x2-15/16"x5-3/4")
Net weight	1.6kg (3.4lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Hex wrench

#### **JS3201** 3.2mm



#### **Metal Shear**





# Robust design with elastomer coated handle provides easy operation

- Protector equipped under the body prevents from scratching by metal cutting piece, and enables smooth cutting.
- On-tool storage for Hex wrench



Continuous rating Input	710W
Capacity	Steel up to 400 N/mm <sup>2</sup> : 3.2mm
	Steel up to 600 N/mm <sup>2</sup> : 2.5mm
	Steel up to 800 N/mm <sup>2</sup> : 1.5mm
	Aluminum up to 200 N/mm <sup>2</sup> : 4.0mm
Min. cutting radius	50mm (2")
Strokes per minute (spm)	1,600
Dimensions (L x W x H)	213x90x239mm (8-3/8"x3-1/2"x9-3/8")
Net weight	3.4kg (7.4lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Shear blades set, Hex wrench, Thickness gauge

#### **DJN161**

#### 

#### **Cordless Nibbler**





# 18v Li-ion Cordless 1.6 mm (16 Ga) Nibbler ideal for cutting roofing sheet metal at thicknesses up to 16 gauge

- Makita-built motor delivers 1,900 SPM for faster and smooth cutting
- Die holder rotates 360° to meet demands of cutting direction
- Convenient chip disposal is below cutting material to minimize damage to cutting surface
- Cutting radius: inner edge 45 mm (1-3/4"); outer 50 mm (2")



Capacity	Mild Steel up to 400 N/mm <sup>2</sup> : 1.6 mm
	Stainless Steel up to 600 N/mm <sup>2</sup> : 1.2 mm
	Aluminum up to 200 N/mm <sup>2</sup> : 2.5 mm
Min. cutting radius	Inside edge : 45 mm (1-3/4")
	Outside edge : 50 mm (2")
Strokes Per Minute (SPM)	1,900
Dimensions (L x W x H)	313x78x189 mm
Net weight	2.3 kg

Standard Equipment: Hex Wrench, Wrench, Punch, Die

#### AVAILABLE VARIANTS

#### 3.0Ah

DJN161 RFE

CLUDES 2 BATTERIES / 1 CHARGER / PLATSIC CASE

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

PINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# JN1601 1.6mm

#### Nibbler





# Precise, burr-free curved and straight cuts from slim, yet powerful performer

- Cuts flat and corrugated sheet metal with the same die.
- Die rotates 360 degrees, large 1/4" stroke.
- Extremely light (weighs only 1.6kg).
- Built-in thickness gauge for convenience

Standard Equipment: Hex Wrench, Wrench, Punch, Die

## 411 🛝

Continuous rating Input	550W
Capacity	Steel up to 400 N/mm <sup>2</sup> : 1.6mm
	Steel up to 600 N/mm <sup>2</sup> : 1.2mm
	Steel up to 800 N/mm <sup>2</sup> : 0.8mm
	Aluminum up to 200 N/mm <sup>2</sup> : 2.5mm
Min. cutting radius	Outside edge : 50mm (2")
	Inside edge : 45mm (1-3/4")
Strokes per min.	2,200
Overall length	261mm (10-1/4")
Net weight	1.6kg (3.6lbs)
Power supply cord	2.0m (6.6ft)

#### **JN3201** 3.2mm







# Robust design with elastomer coated handle provides easy operation.

- Common blade with JN3200
- On-tool storage for Hex wrench





Continuous rating Input	710W						
Capacity	Steel up to 400 N/mm <sup>2</sup> : 3.2mm						
	Steel up to 600 N/mm <sup>2</sup> : 2.5mm						
	Steel up to 800 N/mm <sup>2</sup> : 1.0mm						
	Aluminum up to 200 N/mm <sup>2</sup> : 3.5mm						
Min. cutting radius	Outside edge: 128mm (5-1/16")						
	Inside edge: 120mm (4-3/4")						
Strokes per minute (spm)	1,300						
Dimensions (L x W x H)	225x90x254mm (8-7/8"x3-1/2"x10")						
Net weight	3.4kg (7.4lbs)						
Power supply cord	2.5m (8.2ft						

#### **Power Cutter Accessories**

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### Abrasive cut-off wheel (For power cutter)

• Always ensure the max RPM of the wheel matches the power cutter



Size (mm)	Grit	Max. RPM	Pcs / Pkg	Part No.
230 x 3.0 x 22.23	Metal	6650 min <sup>-1</sup>	1	B-62913
300 x 3.5 x 20 mm	Metal	5100 min <sup>-1</sup>	1	B-70792
350 x 4.0 x 25.4 mm	Metal	5500 min <sup>-1</sup>	1	B-70839
350 x 4.0 x 25.4 mm	Stone	5500 min <sup>-1</sup>	1	B-70823
355 x 4.3 x 25.4 mm	Metal	5500 min <sup>-1</sup>	5pcs set	■ E-12790-5

#### Diamond Wheel (For power cutter)

- A Ideal for cordless power cutter
- B DiaDuran Long Last runners blades
- C- Quasar premium universal application 3D Grid diamond blade

D	т	х	н	D	COLOR				MATE	RIAL	S				FOR MODEL	TYPE	PART NO.	
ע		^	n	٠	COLOR	1	2	3	4	5	6	7	8	9	FOR MODEL	ITPE	PART NO.	
230	3.2	13	22.23	-	Green	•	•		•	0					DCE090	А	E-02967	
300	2.8	5	25.4	20	Silver	0	•		•	•					EK6100, EK7650H	-	A-86773	
305	2.8	6.5	25.4	20	Silver	0	<b>O</b>		<b>O</b>	•					EK6100, EK7650H	-	A-89349	
305	3.0	7.5	30	*	Blue		<b>O</b>		<b>O</b>	•	0				EK6100 / 4112HS, EK7650H	-	A-02490	
350	3.2	5	25.4	20	Silver	0	•		•	0					EK7301, EK7651H	-	A-87317	
350	2.88	6	25.4	-	White	Aspl	halt								EK7301, EK7651H	-	966244011	
350	3.0	-	25.4	-	Green	Long	g life i	n abra	sive n	nater	ials				EK7301, EK7651H	-	966244030	
350	3.3	7	25.4	-	Silver	Con	crete,	Stone	, Brick	(					EK7301, EK7651H	В	966344020	
350	3.0	6.5	25.4		Silver	Asphalt									EK7301, EK7651H	В	966344010	
355	2.8	10	25.4	-	Green	•	•		•	0					CE001G, CE002G, EK7301, EK7651H	А	E-12996	
400	3.0	12	25.4	20	Red	<b>O</b>	•	•	•	•	•				EK8100	С	B-13471	

<sup>\* 20, 22.23, 25.4 (</sup>Ring size)

#### Diamond Wheel for Rescue (For power cutter)

A - Vacuum Brazed Rescue Blade | B - Rescue Force

D	т	х	н	d	Color				For	Mate	erial						
			"	_	-	1	2	3	4	5	6	7	8	9	For Model		Part No.
230	3.1	4	22.23	-	RED	0	0	0	0	0	0	0	0	0	230mm Grinder & Power Cutter	А	B-55326
350	3.4	4	25.4	20	RED	0	0	0	0	0	0	0	0	0	355mm Power Cutter	Α	B-55348
350	3.0	-	25.4	-	GOLD	Ligh	t me	tal, C	Conc	rete					355mm Power Cutter	В	966544060

#### Trolley kit (For power cutter)



Trolley	For Models	Туре	Part no
DT2010	EK7301	А	394369600
DT4000	EK7650H / EK7651H	А	394369610
Water attachment kit	EK7301	-	394365602

#### Pressurised Metal Water Tank (For power cutter)

The Pressurized Water Tank makes applications like wet cutting possible in areas where water is limited or unavailable. Portable and Easy to Operate



Max Operation Pressure:	Max water capacity	Part no
6 Bar	10 Litres	957802600

#### **Compact Cut-off Accessories**



#### CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

> SANDING / POLISHING

> > SAWING

MULTI-TOOL

ROUTERS /

PLANERS

NAILERS /

HEAT GUN /

CLEANING

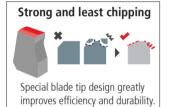
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#### **Metal Cutter - Saw Blades**



Designed with the Efficut specific tip shape that allows for increased cutting speed, smoother cuts and more cuts per charge when paired with your Makita cordless metal cutting saws.

- The Efficut saw blades are faster compared to standard saw blades.
- The new tip design reduces contact with the material, increases efficiency of release waste and has a sharper bevel angle.
- Cuts are more efficient and makes your battery last longer than compared to a standard blade.







The load on blade tips can be distributed efficiently to suppress wobbling of saw blade, providing steady straight cutting and increased durability against tip breakage.





**FAST CUTTING** 





74	1	7	•	-	$\boldsymbol{c}$	П	S	•	7		П	Λ	В	7	П.
IN	יאו	"	м	-	ч.	·	-	т	_	 ч	П	А	w	ч	-

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	Hook Angle (deg)	No. of teeth	Tooth shape	Material	Part No.
150	DCS553	20	1.1	0.95	0	33	SMTCG	Metal	B-69440
150	DCS553	20	1.1	0.95	0	48	SMTCG	Metal & SUS	B-69456
185	CS002G	20	1.4	1.2	0	45	SMTCG	Metal	E-12918
185	CS002G	20	1.4	1.2	0	60	SMTCG	Metal & SUS	E-12924

Specialize	d Saw B	lade f	or Meta	l Cutter
------------	---------	--------	---------	----------

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Material / Application	Туре	Part No.
136	DCS550	20	1.5	0	30	MTCG	Mild steel	-	B-07319
150	DCS553	20	1.5	0	32	MTCG	Mild steel (1-3mm)	-	B-46296
150	DCS553	20	1.1	0	60	SMTCG	Stainless/Mild steel (1-3mm)	Laser Slit	B-47014
150	DCS553	20	1.1	0	32	TCG	Thick metal (3mm to 12mm)	Laser Slit	■ E-02923
185	CS002G, 4131	20	1.9	0	36	ATB	Mild steel (2 - 6mm)	А	B-04628
185	CS002G, 4131	20	2.0	0	48	MTCG	Thin mild steel (2 - 4mm)	-	A-83967
185	CS002G, 4131	20	1.7	-10	70	FTG	Corrugated thin plate (Less than 2mm)	-	A-86446

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

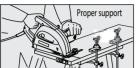
HAND TOOLS / COMBINATION SET

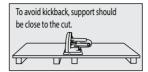
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **Metal Cutting Saw Blades Cutting Tips**

\* Secure the workpiece to a stable platform

When cutting a long workpiece, always use support to minimize the risk of blade pinching and kickback. It is important to support the workpiece properly to minimize the risk of injury and damage to the teeth of the saw blade.







\* Always use metal cutting saw blades appropriate for your job

The use of inappropriate saw blades may cause a poor cutting performance and present a risk of personal injury.

- \* Adjust the cutting depth to the thickness of the workpiece Less than a full tooth of the blade should be exposed below workpiece.
- \* The base should be placed on the workpiece flat and firmly No plunge cutting.
- Keep your cutting line straight and your speed constant Too slow cutting result in premature blade worn-out.
   Never twist nor force the tool while cutting.

Caution! Always wear safety glasses, gloves, protective equipment and follow instructions provided with power tool Do not touch blade or workpiece immediately after cut.





## Metal Cutting Saw (LC1230) Accessories

#### **EFFICUT Efficut saw blade for Metal Cutting Saw** Metal = (Kerf) Tip Thickness Tooth shape Suitable for Material Angle (deg) Hole dia (mm) Part No. Models teeth (mm) (mm) (mm) 305 **SMTCG** E-12083 LC1230 25.4 2.0 1.75 63 Metal 305 25.4 2.0 96 **SMTCG** E-19788 LC1230 1.75 Metal, SUS

Specializ	zed blade fo	2000							
Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Material / Application	Туре	Part No.
305	LC1230	25.4	2.4	0	60	TCG	For cutting mild steel	Laser slit	A-86723
305	LC1230	25.4	2.4	0	78	MTCG	For thinner mild steel	-	A-87127
305	LC1230	25.4	2.3	0	76	-	For stainless steel	-	A-87579
305	LC1230	25.4	2.1	0	60	TCG	For mild steel	-	A-87242

# **Grooving Saw Blade (Aluminium Composite) for CA5000XJ**

# Specialized Blade for Aluminium composite



#### **Portable Band Saw Accessories**

#### **Portable Band Saw Blades**



For Model: PB002G / DPB180 / 2106/ 2106W / 2107FK

Blade type	WX L (mm)	Thickness (mm)	Thickness of work piece	Teeth Per Inch (TPI)	Application	Pcs per package	Part No.
Carbon steel	1140 x 13mm	0.5	-	6	Wood	3	792567-9
Carbon steel	1140 x 13mm	0.5	More than 5mm	14		3	792560-3
Carbon steel	1140 x 13mm	0.5	4 - 5mm	18	Plastics and non ferrous metals.  Mild steel, cast steel and cast iron	3	792559-8
Carbon steel	1140 x 13mm	0.5	Less than 4mm	24		3	792558-0
Bi-Metal	1140 x 13mm	0.5	More than 5.5mm	10		1	B-30128
Bi-Metal	1140 x 13mm	0.5	More than 5mm	14	Plastics and non ferrous metals.	1	792557-2
Bi-Metal	1140 x 13mm	0.5	4 - 5mm	18	Mild steel, cast steel and cast iron.  Hard steel and stainless steel	1	792556-4
Bi-Metal	1140 x 13mm	0.5	Less than 4mm	24 wave teeth	a. a steel alla stammess steel	1	194692-6

For Model: DPB181 / DPB182 / DPB183

Blade type	WX L (mm)	Thickness (mm)	Thickness of work piece	Teeth Per Inch (TPI)	Application	Pcs per package	Part No.
Bi-Metal	835 x 13mm	0.5	3mm-6 mm	14 WAVE TEETH	Plastics and non-ferrous metal. Mild steel, cast steel	5	B-40543
Bi-Metal	835 x 13mm	0.5	2 mm- 3 mm	18 wave teeth	and cast iron. Hard steel and stainless steel.	5	B-40559
Bi-Metal	835 x 13mm	0.5	less than 2mm	24 WAVE TEETH	Stairness steen.	5	B-40565

#### **Portable Band Saw Stand / Cover and Wax**

For accurate square cutting operations

Tor decurate square	euting operations		
Blade type	Width x Length (mm)		Part No.
2106	Portable band saw stand	1	STEX122370
2107FK	Portable band saw stand		194026-3
2107FK	Cover	Stand	194070-0
2107FK	Portable band saw stand & Cover set	Cover Wax	194069-5
DPB181	Cover		197975-3
Cutting Wa	ax For Portable Band Saw		191897-9

#### **Portable Cut-Off Accessories**

#### Abrasive cut-off wheel (for Portable Cut-off)

• 3mm thickness

• For all ferrous materials - Steel, Cast iron and other hard metals



355 x 3.0 x 25.4	A36T	25	3,900	E-10540-25 (Economy Range)
305 x 3.0 x 25.4	A36P	25	4,500	A-87650-25
355 x 3.0 x 25.4	A36P	25	3,900	A-87672-25
405 x 3.0 x 25.4	A36P	25	3,380	A-87694-25

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### Threaded Rod Cutters / Steel Rod Cutter Blades and Accessories

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

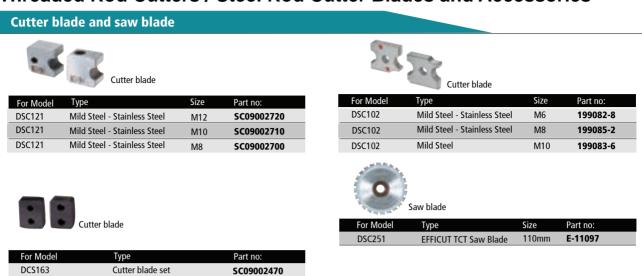
OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



#### **Hole Puncher accessories**

#### **Combination of punch and die**

· Punching holes through a thin structural metal plate may cause deformation of the plate and burr on the holes. If you need precision punching, see the tables below to select an optimum combination of punch and die.

<ul><li>Round punching</li></ul>	Oblong punching
Punch Die	Punch Die

	Round punching											
					Cutting material							
Pur	nch	D	ie	Tensile	Channel	Tensile						
				Mild Steel (65,000 psi)	Channel	Stainless Steel (89,000 psi)						
Hole diameter (mm)	Part No.	Hole diameter (mm)	Part No.									
6	SC05340040	SB6	SC00000203	t2-t4		t3-t4						
6.5	SC05340050	SB6.5	SC00000205	t2-t6		t3-t4						
8	SC05340060	SB8	SC00000207	t2-t6		t3-t4						
8.5	SC05340070	SB8.5	SC00000209	t2-t6		t3-t4						
10	SC05340080	SB10	SC00000211	t2-t6	t7.5	t3-t4						
11	SC05340090	SB11	SC00000213	t2-t8	t7.5	t3-t6						
12	SC05340100	SB12	SC00000215	t2-t8	t7.5	t3-t6						
13	SC05340110	SB13	SC00000217	t2-t8	t7.5	t3-t6						
14	SC05340120	SB14	SC00000219	t2-t8	t7.5	t3-t6						
15	SC05340130	SB15	SC00000221	t2-t8	t7.5	t3-t6						
16	SC05340140	SB16	SC05332710	t2-t8	t7.5	t3-t6						
18	SC05340150	SB18	SC00000223	t2-t8	t7.5	t3-t6						
20	SC05340160	SB20	SC05352510	t2-t8	t7.5	t3-t6						

			Ob	olong punching			
				Cutting material			
Punch		Die		Tensile	Channel	Tensile	
				Mild Steel (65,000 psi)		Stainless Steel (89,000 psi)	
Hole diameter (mm)	Part No.	Hole diameter (mm)	Part No.	Thickness			
6.5 x 10	SC05340200	6.5 x 10B	SC00000244	t2-t6		t3-t4	
6.5 x 13	SC05340210	6.5 x 13B	SC00000246	t2-t6		t3-t4	
8.5 x 13	SC05340220	8.5 x 13B	SC00000248	t2-t6		t3-t4	
8.5 x 17	SC05340230	8.5 x 17B	SC00000250	t2-t6		t3-t4	
9 x 13.5	SC05340240	9 x 13.5B	SC00000252	t2-t6		t3-t4	
9 x 18	SC05340250	9 x 18B	SC00000254	t2-t6		t3-t4	
10 x 15	SC05340260	10 x 15B	SC00000256	t2-t8	t7.5	t3-t6	
10 x 20	SC05340270	10 x 20B	SC00000258	t2-t8	t7.5	t3-t6	
11 x 16.5	SC05340280	11 x 16.5B	SC00000260	t2-t8	t7.5	t3-t6	
12 x 18	SC05340290	12 x 18B	SC00000262	t2-t8	t7.5	t3-t6	
13 x 19.5	SC05340300	13 x 19.5B	SC00000264	t2-t8	t7.5	t3-t6	
14 x 21	SC05340310	14 x 21B	SC00000266	t2-t8	t7.5	t3-t6	

#### **Stand**

• Used with Hole Puncher







For model	Туре	Part No.
DPP200	А	SC03801080
DPP200	В	SC03300790

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

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SAWING

MULTI-TOOL

ROUTERS / PLANERS

792742-7

792743-5

725256-1

725258-7

725092-5

725093-3

725130-3

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

HAND TOOLS /
COMBINATION SET

#### Oil

• Used with Threaded Rod Cutters / Hole Puncher





For model	Size	Type	Part No.
DSC163, DPP200	35mL	А	SC00000106
DSC163, DPP200	1,000mL	В	SC00000270

**Side Blade** 

10

JS1300 (R)

JS1300 (L)

DJS131 (R)

DJS131 (L)

DJS200 (L)

DJS800

#### **Shear and Nibbler accessories**

#### **Shear accessories**

For Model

**Center Blade** 

JS1300

#### **Shear Head Assembly**



2	1
0	- 0

Part No

125112-9

,	Two per set in blister pack
	<b>©</b>



**Shear Blade Set** 

0	
6.6	

•	
For Model	Part No
JS1600, JS1602	191383-0
JS1660, JS1601, DJS101	792533-6
JS3200, JS3201	792287-5

r Model	Part No
600, JS1602	191383-0
660, JS1601, DJS101	792533-6
3200, JS3201	792287-5

# Thickness G

To set blades at the proper gap

For Model	Part No
JS1300	792744-3
JS1660, JS1601, DJS101	792534-4
DJS131	725257-9
DJS200	725255-3
DJS800	725129-8

For Model	Part No
JS3200, JS3201	762007-1
JS1660, JS1601	762013-6



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

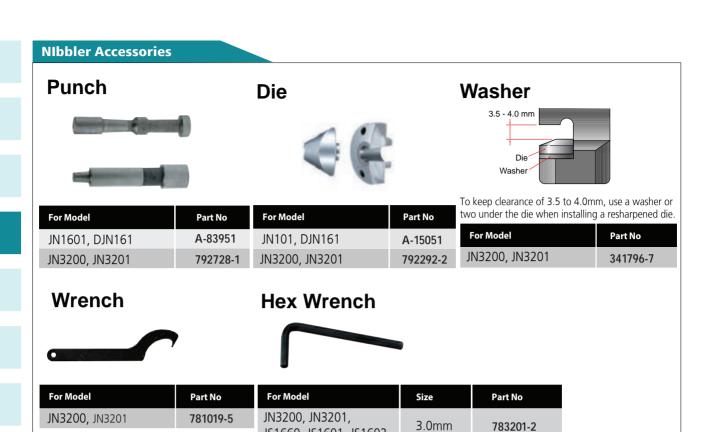
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JOBSITE TOOLS

> SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

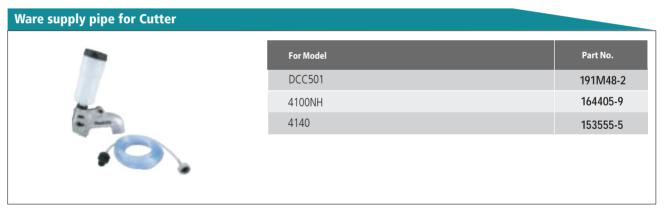
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



JS1660, JS1601, JS1602

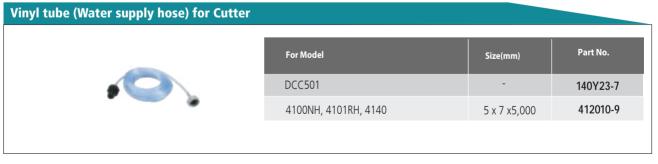
JN1601

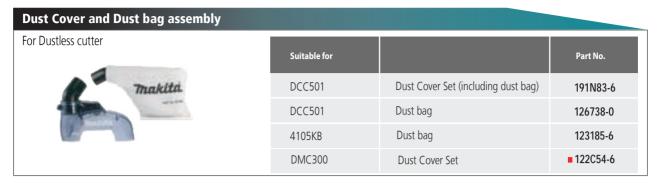
#### **Tile Cutter and Metal Cutter Accessories**



2.5mm

783208-8





DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

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MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

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CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Protects drywall surfaces from damage / scratches For Model DCC501 Part No. 196943-3

#### Parallel guide, rip fence

4101RH (Use with **924206-5** Wing bolt M5 X 10) 4131 (Use with **265701-9** Wing bolt M6 X 14)

For Model	Part No.
4191D, 4100NH, 4101RH, 4131, CS002G	164095-8

#### **Guide Rail adapter**



For Model	Part No.
DCC501	198673-2

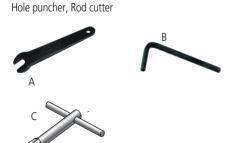
guide rail adapter required when using with 1.4m Guide Rail 194368-5 and 3m 194367-7 Guide rail

#### **Wrenches**

#### Wrench / Socket / Hex Wrench

Used with Cutters / Portable cutt-off, Wall chaser,

Hele purchase Red cutter



For model	Size	Туре	Part No.
4105KB, 4140 / 4100NH	22	А	781041-2
4100NH, 4100NB, 4140, 9308	9	В	782209-3
2414 / 2414B / 2414NB / 2416S / 4131 / LC1230	17	В	782210-8
SG1250 / SG1251	6	С	783204-6
4131, CS002G	-	В	783203-8



#### **FEATURES**

#### High durability with BL motor (cordless)

- Large ball bearing supports the motor.
- · New switch design to reduce contact wearness



#### **Electric brake**

Enables you to start next operation quickly

#### **Soft Start**

Minimizes start-up shock, and makes the tool start smoothly

#### Anti-restart function

Prevents accidental start-up

#### Variable Speed

**Automatic torque Drive Technology** 

automatically changes the cutting

speed according to load conditions

for an optimum operation

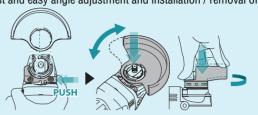
Variable speed control dial (8,500 - 3,000 RPM) Matches the speed to your application

	(RPM)	Rough grinding	Finish grinding		polishing
1	3,000				<b>~</b>
2	4,500			<b>~</b>	<b>~</b>
3	6,000		<b>~</b>	<b>~</b>	<b>~</b>
4	7,500		<b>~</b>		
5	8,500	<b>~</b>			

# Tool-less wheel cover

• Allows for fast and easy angle adjustment and installation / removal of wheel cover

Auto-start Wireless System (cordless))



Connects to compatible Dust Extractor with Bluetooth.

Dust extractor starts automatically when the tool starts.

Also dust extractor stops on its own when the tool is in rest

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS / STAPLERS

HEAT GUN /

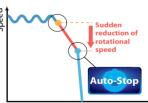


Bluetooth Chip (Optional) Part #: 198900-7

On light duty: **High-speed rotation mode** 

**Automatic torque** 

Active Feedback sensing Technology Shuts down the tool, if the rotation speed suddenly slows down.



OPE

CLEANING

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM















# Excellent in continuous heavy-duty work Slide Switch X-lock Angle Grinders with AWS function

- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start
- Variable speed control dial matches the speed to your application.

<b>№ ∴ K</b>	
Wheel Diameter	115 mm
Hole Diameter	22.23 mm
No Load Speed (RPM)	3,000 - 8,500
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions (L x W x H)	433 x 130 x 168 mm
Net weight	3.6 kg

 $\textbf{Standard Equipment:} \ \textbf{Toolless Wheel Cover, Side Handle, Lock Nut Wrench}$ 

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
GA040G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	GA040G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)	

# GA041G 125mm 40V MAX | 40V MAX |

#### **Cordless Angle Grinder (AWS)**







# Excellent in continuous heavy-duty work Slide Switch X-lock Angle Grinders with AWS function

- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start
- Variable speed control dial matches the speed to your application.

# Wheel Diameter 125 mm

Wheel Diameter	125 mm
Hole Diameter	22.23 mm
No Load Speed (RPM)	3,000 - 8,500
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions (L x W x H)	433 x 140 x 168 mm
Net weight	3.6 kg

**Standard Equipment:** Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
GA041G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	GA041G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)	

#### 

#### **Cordless Angle Grinder**





# Excellent in continuous heavy-duty work Paddle Switch X-lock Angle Grinders

- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

(RAX) A	40Vmax 2	<del>BL</del> AFT	XPT	<b>X</b> LOCK
Wheel Diame	4	11F		

Wheel Diameter	115 mm
Hole Diameter	22.23 mm
No Load Speed (RPM)	8,500
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions (L x W x H)	418 x 130 x 168 mm
Net weight	3.6kg

 $\textbf{Standard Equipment:} \ \textbf{Toolless Wheel Cover, Side Handle, Lock Nut Wrench}$ 

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
GA046G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	GA046G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)	

#### 40V MAX | **₹**₹ **GA047G** 125mm

#### **Cordless Angle Grinder**





#### **Excellent in continuous heavy-duty work Paddle Switch X-lock Angle Grinders**

- High durability with BL motor
- · New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

LUCK		AOVINIA BLAFT XPT XLOCK
------	--	-------------------------

Hole Diameter   22.23 mm     No Load Speed (RPM)   8,500     Sound Pressure Level   82 dB(A)     Sound Power Level   93 dB(A)     Dimensions (L x W x H)   418 x 140 x 168 mm     Not wight   2 6 km	Wheel Diameter	125 mm
Sound Pressure Level         82 dB(A)           Sound Power Level         93 dB(A)           Dimensions (L x W x H)         418 x 140 x 168 mm	Hole Diameter	22.23 mm
Sound Power Level         93 dB(A)           Dimensions (L x W x H)         418 x 140 x 168 mm	No Load Speed (RPM)	8,500
Dimensions (L x W x H) 418 x 140 x 168 mm	Sound Pressure Level	82 dB(A)
	Sound Power Level	93 dB(A)
Not weight 2.6 kg	Dimensions (L x W x H)	418 x 140 x 168 mm
Net weight 5.0 kg	Net weight	3.6 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
GA047G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	GA047G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

#### **DGA469** 115mm **Cordless Angle Grinder**





CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

DRILLING / FIXING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

#### Safe and Quick fix in One Click with X-Lock system

- High Power with Brushless motor and Variable speed for the most demanding applications
- Paddle type on/off switch, Anti-restart function and Electric Brake.
- New tool-less wheel cover (Slide lever style for fast and easy angle adjustment and installation / removal of wheel cover



Standard Equipment: Lock nut wrench, Side grip.

5.0Ah	3.0Ah	"Z" VARIANT
		DGA469 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

#### **DGA519** 125mm

applications

18V | /LXT

#### Cordless Angle Grinder



Safe and Quick fix in One Click with X-Lock system

• Paddle type on/off switch, Anti-restart function and Electric Brake.

• High Power with Brushless motor and Variable speed for the most demanding

• New tool-less wheel cover (Slide lever style for fast and easy angle adjustment





# Angle Grinder

**GA5080R** 125mm





#### Safe and Quick fix in One Click with X-Lock system

- SJS technology is a mechanical clutch system that helps prevent motor and gear damage
- Anti-restart function.
- Tool-less wheel cover: for fast and easy adjustment / installation and removal
- Ergonomically best possible barrel grip.
- Electronic current limiter helps protect the motor from overload

and installation / removal of wheel cover



Wheel Diameter	125 mm (5")
Hole Diameter	22.23 mm
No Load Speed (RPM)	3,000 - 8,500
Circumference of Grip Portion	160 mm
Vibration Level	Surface Grinding w/ Anti-Vibration Side Grip: 7.0 m/s <sup>2</sup>
Sound Pressure Level	80 dB(A)
Dimensions (L x W x H)	396x140x147 mm
Net weight	3.1 kg

Standard Equipment: Lock nut wrench, Side grip.

5.0Ah	3.0Ah	"Z" VARIANT
		DGA519 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

SYSTEM SYSTEM SUBJECT SYSTEM





Continuous rating Input	1,400W
Wheel Diameter	125 mm (5")
Hole Diameter	22.3 mm
Max Cutting Depth	31 mm
No Load Speed (RPM)	12,000
Circumference of Grip Portion	205 mm
Dimensions (L x W x H)	309 x 141 x 113 mm
Net weight	2.5 - 3.6 kg
Power supply cord	2.5 m

Standard Equipment: Side grip.

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **XGT Grinders - Product Comparison List**

•	Trouble Trouble Companion List												
			Model / Size	•		(rpm)	Switch	BL	AFT	Brake	ХРТ	Anti- restart	Variable Speed
	115mm	125mm	150mm	180mm	230mm			motor				function	
	GA004G	GA005G	GA035G			8,500	Slide	•	•	•	•	•	
	GA012G	GA013G	GA036G			8,500	Paddle	•	•	•	•	•	
	GA049G	GA050G				11,000	Paddle	•	•	•	•	•	
	GA022G	GA023G				3,000 - 8,500	Slide	•	•	•	•	•	•
	GA028G	GA029G				3,000 - 8,500	Paddle	•	•	•	•	•	•
3				GA037G		7,800	Trigger	•	•	•	•	•	
					GA038G	6,600	Trigger	•	•	•	•	•	
5	GA040G	GA041G				3,000 - 8,500	Slide	•	•	•	•	•	•
2	GA046G	GA047G				8,500	Paddle	•	•	•	•	•	











# Excellent in continuous heavy-duty work Slide Switch Angle Grinders

- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

MAC 400 BL AFT XPT			
Wheel Diameter	115 mm		
Hole Diameter	22.23 mm		
No Load Speed (RPM)	8,500		
Sound Pressure Level	81 dB(A)		
Sound Power Level	92 dB(A)		
Dimensions (L x W x H)	410x130x168 mm		
Net weight	3.5 kg		

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS				
4.0Ah	"Z" VARIANT			
GA004G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	GA004G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)			

#### **GA005G** 125mm





40V MAX | (XS)

# Excellent in continuous heavy-duty work Slide Switch Angle Grinders

- High durability with BL motor
- New tool-less wheel cover
- $\bullet\;$  AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

## 40Vmm BL AFT XPT

Wheel Diameter	125 mm
Hole Diameter	22.23 mm
No Load Speed (RPM)	8,500
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions (L x W x H)	410x140x168 mm
Net weight	3.6 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS					
4.0Ah	"Z" VARIANT				
GA005G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	GA005G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)				

#### 40V MAX | (XS) **GA012G** 115mm

#### Cordless Angle Grinder







#### **Excellent in continuous heavy-duty work Paddle Switch Angle Grinders**

- High durability with BL motor
- New tool-less wheel cover

- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

MACOUNT BLAFT XPT		
Wheel Diameter	115 mm	
Hole Diameter	22.23 mm	
No Load Speed (RPM)	8,500	
Sound Pressure Level	81 dB(A)	
Sound Power Level	92 dB(A)	
Dimensions (L x W x H)	410x130x168 mm	
Net weight	3.5 kg	

<b>Standard Equipment:</b> Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS					
4.0Ah	"Z" VARIANT				
GA012G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	GA012G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)				

# 40V MAX | €X57 **GA013G** 125mm Cordless Angle Grinder PADDLE SWITCH

#### **Excellent in continuous heavy-duty work Paddle Switch Angle Grinders**

- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

MACADINA EL AFT XPT		
Wheel Diameter	125 mm	
Hole Diameter	22.23 mm	
No Load Speed (RPM)	8,500	
Sound Pressure Level	81 dB(A)	
Sound Power Level	92 dB(A)	
Dimensions (L x W x H)	410x140x168 mm	
Net weight	3.6 kg	

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
GA013G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	GA013G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

HAND TOOLS /
COMBINATION SET

40V MAX | **€**X**© GA023G** 125mm **Cordless Angle Grinder (AWS)** 

> VARIABLE SPEED



40V MAX | **₹**₹

#### **Excellent in continuous heavy-duty work Slide Switch Angle Grinders with AWS function**

- High durability with BL motor
- New tool-less wheel cover

**GA022G** 115mm

**Cordless Angle Grinder (AWS)** 

- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start
- Variable speed control dial matches the speed to your application.

(RAN) III	(40Vmm BL AFT XPT AWS
Wheel Diameter	115 mm

Wheel Diameter	115 mm
Hole Diameter	22.23 mm
No Load Speed (RPM)	3,000 - 8,500
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions (L x W x H)	425x130x168 mm
Net weight	3.6 kg

**Standard Equipment:** Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
GA022G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	GA022G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)	

**Excellent in continuous heavy-duty work Slide Switch Angle Grinders with AWS function** 

- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start
- Variable speed control dial matches the speed to your application.

	400 Max BL AFT XPT AWS

Wheel Diameter	125 mm
Hole Diameter	22.23 mm
No Load Speed (RPM)	3,000 - 8,500
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions (L x W x H)	425x140x168 mm
Net weight	3.6 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
GA023G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	GA023G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING /
POLISHING

SAWING

MULTI-TOOL

Cordless Angle Grinder (AWS)

**GA028G** 115mm







40V MAX | **₹**₹

#### **Excellent in continuous heavy-duty work Paddle Switch Angle Grinders with AWS function**

- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start
- Variable speed control dial matches the speed to your application.

	(400 BL AFT XPT AWS
Wheel Diameter	115 mm

wneel Diameter	110 11111	
Hole Diameter	22.23 mm	
No Load Speed (RPM)	3,000 - 8,500	
Sound Pressure Level	81 dB(A)	
Sound Power Level	92 dB(A)	
Dimensions (L x W x H)	425x130x168 mm	
Net weight	3.6kg	

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
GA028G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	GA028G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)	

#### **GA029G** 125mm

#### 40V MAX | **₹**

#### Cordless Angle Grinder (AWS)





#### **Excellent in continuous heavy-duty work Paddle Switch Angle Grinders with AWS function**

- · High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start
- Variable speed control dial matches the speed to your application.

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

#### MA CAOVINI BLAFT XPT AWS Wheel Diameter 125 mm Hole Diameter 22.23 mm 3,000 - 8,500 No Load Speed (RPM) 82 dB(A) Sound Pressure Level **Sound Power Level** 93 dB(A) Dimensions (L x W x H) 425x140x168 mm Net weight 3.6 kg

AVAILABLE VARIANTS		
4.0A	h	"Z" VARIANT
CONN	29G M2 DES 2 BATTERIES / 1 CHARGER / MAKPAC ECTOR CASE NOT INCLUDE BLUETOOTH CHIP)	GA029G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### GA049G 115mm

**Cordless Angle Grinder** 

40V MAX | **₹** 





PADDLE SWITCH

#### High power for heavy duty operation. Fast Cutting / Grinding

- High durability with BL motor and new housing structure provides high rotation speed (11,000rpm) similar to that of corded models
- Anti-vibration construction
- · New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

#### COS A AFT XPT

**Wheel Diameter** 115 mm (4-1/2") No Load Speed (RPM) 11,000 Dimensions (L x W x H) 343 x 130 x 150 mm Net weight 2.3 kg (without battery)

Standard Equipment: Toolless wheel cover, Side grip,

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
GA049G T1 INCLUDES 1 BATTERY / 1 CHARGER / MAKPAC CONNECTOR CASE	GA049G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

#### **GA050G** 125mm



#### **Cordless Angle Grinder**







#### High power for heavy duty operation. Fast Cutting / Grinding

- High durability with BL motor and new housing structure provides high rotation speed (11,000rpm) similar to that of corded models
- Anti-vibration construction
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

#### MANAGERATION OF THE SECOND SEC

Wheel Diameter	125 mm (5")
No Load Speed (RPM)	11,000
Dimensions (L x W x H)	343 x 140 x 150 mm
Net weight	2.3 kg (without battery)

Standard Equipment: Toolless wheel cover, Side grip,

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
GA050G T1 INCLUDES 1 BATTERY / 1 CHARGER / MAKPAC CONNECTOR CASE	GA050G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

#### **GA035G** 150mm

40V MAX | **₹**₹

#### **Cordless Angle Grinder**





#### **Excellent in continuous heavy-duty work Slide Switch Angle Grinders**

- · High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

Wheel Diameter	150 mm
No Load Speed (RPM)	8,500
Circumference of Grip Portion	146 mm
Vibration Level : Surface grinding / Disc Sanding	7.0 m/s <sup>2</sup> / 4.5 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	82 dB(A) / 93 dB(A)
Dimensions (L x W x H) w/ BL4040	410 x 171 x 168 mm
Net weight	2.3 kg (without battery)

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

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GA035G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

#### GA036G 150mm

**Cordless Angle Grinder** 

PADDI F SWITCH

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

DRILLING / FIXING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS



- High durability with BL motor
- New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start

#### AFT XPT AWS

Wheel Diameter	150 mm
No Load Speed (RPM)	8,500
Circumference of Grip Portion	151 mm
Vibration Level : Surface grinding / Disc Sanding	9.0 m/s <sup>2</sup> / 4.0 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	82 dB(A) / 93 dB(A)
Dimensions (L x W x H) w/ BL4040	410 x 171 x 168 mm
Net weight	2.3 kg (without battery)

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

#### AVAILABLE VARIANTS

GA036G Z

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

**GA037G** 180mm

40V MAX | (XS)





#### High power for heavy duty operation. Fast Cutting / Grinding.

- High durability with BL motor
- · New tool-less wheel cover
- AFT Shuts down the tool, if the rotation speed suddenly slows down
- Equipped with Anti-restart function, Electric brake and Soft start
- · Lightweight design achieved using one XGT battery

	40V BL AFT XPT AWS
	TOTULY MAY BY AFI XET AWS

Wheel Diameter	180 mm
No Load Speed (RPM)	7,800
Circumference of Grip Portion	154 mm
Vibration Level : Surface grinding	7.5 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	88 dB(A) / 99 dB(A)
Dimensions (L x W x H) (without battery)	442 x 200 x 156
Net weight (without battery)	3.7 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

|--|

(DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP, CARRYING CASE)

**GA038G** 230mm

**Cordless Angle Grinder** 

High durability with BL motor

· New tool-less wheel cover

40V MAX | X

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# MACOUNT BL AFT XPT AWS

Wheel Diameter	230 mm
No Load Speed (RPM)	6,600
Circumference of Grip Portion	154 mm
Vibration Level : Surface grinding	7.5 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	87 dB(A) / 98 dB(A)
Dimensions (L x W x H) (without battery)	442 x 250 x 156
Net weight (without battery)	3.9 kg

High power for heavy duty operation. Fast Cutting / Grinding.

• AFT - Shuts down the tool, if the rotation speed suddenly slows down

• Equipped with Anti-restart function, Electric brake and Soft start

• Lightweight design achieved using one XGT battery

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVA	LABLE	VARIA	ANTS

(DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP, CARRYING CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **LXT Grinders - Product Comparison List**

				•											
	Model / Size		(rpm) Switch		BL motor	AFT	Brake	ХРТ	Anti- restart function	Variable Speed	XLOCK				
	115mm	125mm	150mm	180mm	230mm										
	DGA458					8,500	Paddle		•	•	•	•	•		
	DGA456					8,500	Slide		•	•	•	•	•		
18V LXT	DGA455					8,500	Paddle		•	•		•	•		
18\	DGA454					8,500	Slide		•	•		•	•		
	DGA452					11,000	Slide		•				•		
	DGA469	DGA519				3,000 - 8,500	Paddle		•	•	•	•	•	•	•
Þ				DGA700		7,800	Trigger		•	•	•	•	•		
8V L)					DGA900	6,000	Trigger		•	•	•	•	•		
18V + 18V LXT				DGA701		7,800	Trigger	•	•	•	•	•	•		
18					DGA901	6,000	Trigger	•	•	•	•	•	•		





**DGA700** 180mm

18Vx2 /LXT

#### Cordless Angle Grinder



#### High power for heavy duty operation. Fast Cutting / Grinding

- Anti-vibration rubber provides less vibration, allowing comfortable operation
- Ergonomically designed attery indicator handle with soft grip
- Over-Discharge and Overheat protection
- High maneuverability in any angle since it is possible to grab the center of gravity
- Large switch lever with lock-off function (without lock-on function).
- Lock-off function prevents the switch lever from being accidentally pulled.

#### MARINGON BLAFT XPT

Wheel Diameter	180 mm (7")
No Load Speed (RPM)	7,800
Vibration Level : Surface grinding	7.5 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	88 dB(A) / 99 dB(A)
Dimensions (L x W x H) (without battery)	499x200x158 mm
Net weight (without battery)	6.0 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS

Z VAKIANI

DGA700 ZK
TOOL ONLY WITH PLASTIC CARRYING CASE (DOES NOT INCLUDE BATTERY / CHARGER)

**DGA900** 230mm

18Vx2 /LXT

#### Cordless Angle Grinder



#### High power for heavy duty operation. Fast Cutting / Grinding

- Anti-vibration rubber provides less vibration, allowing comfortable operation
- Ergonomically designed attery indicator handle with soft grip
- Over-Discharge and Overheat protection
- High maneuverability in any angle since it is possible to grab the center of gravity
- Large switch lever with lock-off function (without lock-on function).
- Lock-off function prevents the switch lever from being accidentally pulled.

OAK WAS SELAFT XPT

Wheel Diameter	230 mm (9")
No Load Speed (RPM)	6,000
Vibration Level : Surface grinding	7.5 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	88 dB(A) / 99 dB(A)
Dimensions (L x W x H) (without battery)	499x250x158 mm
Net weight (without battery)	8.0 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

#### AVAILABLE VARIANTS

VARIANT

**DGA900 ZK**TOOL ONLY WITH PLASTIC CARRYING CASE (DOES NOT INCLUDE BATTERY / CHARGER)

#### **DGA701** 180mm

18Vx2 /LXT

#### Cordless Angle Grinder



#### High power for heavy duty operation. Fast Cutting / Grinding

- Anti-vibration rubber provides less vibration, allowing comfortable operation
- Ergonomically designed attery indicator handle with soft grip
- Over-Discharge and Overheat protection
- High maneuverability in any angle since it is possible to grab the center of gravity
- Large switch lever with lock-off function (without lock-on function).
- Lock-off function prevents the switch lever from being accidentally pulled.

	<u>##®#≯36₹</u> [4 <b>m:</b> ######	BL AFI	XPT AWS
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Wheel Diameter	180 mm (7")
No Load Speed (RPM)	7,800
Vibration Level : Surface grinding	7.5 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	88 dB(A) / 99 dB(A)
Dimensions (L x W x H) (without battery)	499x200x158 mm
Net weight (without battery)	6.0 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS			
5.0Ah	"Z" VARIANT		
DGA701 T2U1 INCLUDES 2 BATTERIES + 2PORT CHARGER + BLUETOOTH CHIP +PLASTIC CARRY CASE	DGA701 ZKU TOOL ONLY WITH BLUETOOTH CHIP AND PLASTIC CARRYING CASE (DOES NOT INCLUDE BATTERY / CHARGER /)		

#### **DGA901** 230mm

18Vx2 //XT

**Cordless Angle Grinder** 



#### High power for heavy duty operation. Fast Cutting / Grinding

- Anti-vibration rubber provides less vibration, allowing comfortable operation
- Ergonomically designed attery indicator handle with soft grip
- Over-Discharge and Overheat protection

**DGA456** 115mm

**Cordless Angle Grinder** 

- High maneuverability in any angle since it is possible to grab the center of gravity
- Large switch lever with lock-off function (without lock-on function).
- Lock-off function prevents the switch lever from being accidentally pulled.

#### MARIAN SA AFT XPT AWS

Wheel Diameter	230 mm (9")
No Load Speed (RPM)	6,000
Vibration Level : Surface grinding	7.5 m/s <sup>2</sup>
Sound Pressure Level / Sound Power Level	88 dB(A) / 99 dB(A)
Dimensions (L x W x H) (without battery)	499x250x158 mm
Net weight (without battery)	8.0 kg

Standard Equipment: Toolless Wheel Cover, Side Handle, Lock Nut Wrench

AVAILABLE VARIANTS			
	"Z" VARIANT		
DGA901 T2U1 NCLUDES 2 BATTERIES + 2PORT CHARGER + BLUETOOTH CHIP +PLASTIC CARRY CASE	DGA901ZKU1 TOOL ONLY WITH BLUETOOTH CHIP AND PLASTIC CARRYING CASE (DOES NOT INCLUDE BATTERY / CHARGER /)		

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

18V | /LXT

SLIDE SWITCH

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

DGA458 115mm 18V | LXT

#### **Cordless Angle Grinder**





# Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor

- Paddle type on/off switch, Anti-restart function and Electric Brake.
- $\bullet$  AFT function shuts down the tool, if the rotation speed suddenly slows down.
- Automatic speed control: Automatically changes the cutting speed according to load condition for an optimum operation. Handles heavy load with Excellent Cooling Function.
- High efficiency and More work amount by Brushless DC motor



Wheel diameter	115mm (4-1/2")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x130x151mm (14-1/4"x5-1/8"x5-15/16")
Net weight	2.6kg (5.8lbs)

**Standard Equipment:** Lock nut wrench, Side grip.

5.0Ah	3.0Ah	"Z" VARIANT
		DGA458 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGES OR CARRY CASE)

# Excellent Performance as powerful as AC model with

- highly enhanced Brushless DC motor
  Slide type on/off switch, Anti-restart function and Electric Brake.
- AFT function shuts down the tool, if the rotation speed suddenly slows down.
- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation. Handles heavy load with Excellent Cooling Function.
- High efficiency and More work amount by Brushless DC motor

	(MAKE)	<b>€18</b> √	BL	XPT	AD1	TAFT
--	--------	--------------	----	-----	-----	------

Wheel diameter	115mm (4-1/2")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x130x151mm (14-1/4"x5-1/8"x5-15/16")
Net weight	2.6kg (5.7lbs)

Standard Equipment: Lock nut wrench, Side grip.

5.0Ah	3.0Ah	"Z" VARIANT
		DGA456 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

**Cordless Angle Grinder** 

**DGA455** 115mm





18V | **//** 

Excellent Performance as powerful as AC model with highly enhanced Brushless DC motor

- Paddle type on/off switch and Anti-restart function.
- AFT function shuts down the tool, if the rotation speed suddenly slows down.
- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation. Handles heavy load with Excellent
- High efficiency and More work amount by Brushless DC motor.

	PT ADTAFT
--	-----------

Wheel diameter	115mm (4-1/2")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x130x145mm (14-1/4"x5-1/8"x5-3/4")
Net weight	2.5kg (5.6lbs)

Standard Equipment	Lock	nut	wrench,	Side	grip.
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5.0Ah	3.0Ah	"Z" VARIANT
DGA455 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DGA455 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DGA455 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

#### **DGA454** 115mm

18V | **ZXT** 

**Cordless Angle Grinder** 





#### **Excellent Performance as powerful as AC model with highly** enhanced Brushless DC motor

- Slide type on/off switch and Anti-restart function.
- AFT function shuts down the tool, if the rotation speed suddenly slows down.
- Automatic speed control : Automatically changes the cutting speed according to load condition for an optimum operation. Handles heavy load with Excellent
- High efficiency and More work amount by Brushless DC motor.



Wheel diameter	115mm (4-1/2")
No load speed (rpm)	8,500
Dimensions (L x W x H)	362x130x145mm (14-1/4"x5-1/8"x5-3/4")
Net weight	2.5kg (5.6lbs)

Standard Equipment: Lock nut wrench, Side grip.

5.0Ah	3.0Ah	"Z" VARIANT
DGA454 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DGA454 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DGA454 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **DGA452** 115mm

#### **Cordless Angle Grinder**





#### Powerful angle grinder now free from cord.

- Capable of using wheels / discs for AC Grinders.
- Easy-to-grip, small circumference motor housing.
- Anti-restart function for safety (with warning lamp).
- Electronic current limiter (with warning lamp).



Wheel diameter	115mm (4-1/2")	
No load speed (rpm)	11,000	
Dimensions (L x W x H)	317x129x126mm	
	(12-1/2"x5-1/8"x5")	
Net weight	2 Oka (4 4lbs)	

Standard Equipment: Lock nut wrench, Side grip.

AVAILABLE VARIANTS					
5.0Ah	3.0Ah	"Z" VARIANT			
DGA452 RTJ 2 BATTERIES / 1 CHARGER IN MAKPAC CASE	-	DGA452 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)			



		Grinders -						ANTI	SOFT	CONSTANT	VARIABLE	TOROUE	MEGUANUTA	
	GRINDER	POWER	NO LOAD SPEED	WEIGHT	SYSTEM	SWITCH	HANDLE	RESTART	START	SPEED	SPEED	TORQUE LIMITER	MECHANICAL BRAKE	DRILLING
	N9500N	570W	12000 rpm	1.6kg		TOGGLE								/ FIXING
	9553HN	710W	11000 rpm	1.5kg		SLIDE								
100mm	9556HN	840W	11000 rpm	1.6kg		SLIDE								CONCRET
	9556HP	840W	11000 rpm	1.7kg		PADDLE								DRILLING DEMOLITIO
	GA4040Z	1,100W	11000 rpm	2.2kg	SJSII	SLIDE								
	GA4050	1,300W	11000 rpm	2,3kg		PADDLE								
	GA4040CZ	1,400W	2,800-11,000 rpm	2.3kg	SJSII	SLIDE		•	•	•	•			MIXING STIRRIN
	9521NB	670	12000 rpm	01.3kg		SLIDE								
	9554HN	710W	10000 rpm	1.6kg		SLIDE								
	9557HN	840W	11000 rpm	1.7kg		SLIDE								CUTTIN (CONCRETE
	9557HP	840W	11000 rpm	1.7kg		PADDLE								META
	GA4540Z	1,100W	11000 rpm	2.3kg	SSII	SLIDE								
_	9564PZ	1,100W	12000 rpm	2.4kg	SJS	PADDLE								
mm c I I	GA4550	1,300W	11000 rpm	2.4kg		PADDLE								GRINDIN
Ξ	GA4550R	1,300W	11000 rpm	2.4kg		PADDLE		•	•					
	GA4540CZ	1,400W	2,800-11,000 rpm	2.4kg	SJSII	SLIDE		•	•	•	•			
	9564PC	1,400W	· ·	2.4kg	SJS	PADDLE		•	•	•				SANDING POLISHIN
	GA4591	1900W	·	2.6kg	SJSII	SLIDE		•	•	•	•		•	
	GA4592	1900W		2.6kg	SJSII	SLIDE		•	•	•				
	GA4594	1900W	·	2.6kg	SJSII	PADDLE		•	•	•			•	SAWIN
	GA4595	1900W	11000 rpm	2.6kg	SJSII	PADDLE		•	•	•				JAHIN
	9522NB	670W	9500 rpm	1.3kg		SLIDE								
	9555HN	710W	11000 rpm	1.6kg		SLIDE								
	9558HN	840W	11000 rpm	1.8kg		SLIDE								MULTI-TOC
	9558HP	840W	11000 rpm	1.8kg		PADDLE								
	9015B	1,050	10000 rpm	2.4kg		LARGE TRIGGER								
Ε	GA5010	1,050	12000 rpm	1.6kg		FINGER TRIGGER								ROUTERS
125mm	GA5040Z	1,100W	11000 rpm	2.4kg	SJSII	SLIDE								PLANER
=	9565PZ	1,100W	12000 rpm	2.4kg	SJS	PADDLE								
	GA5050	1,300W	11000 rpm	2.5kg		PADDLE								
	GA5050R	1,300W	11000 rpm	2.5kg		PADDLE		•	•					NAILERS STAPLER
	GA5040CZ	1,400W	2,800-11,000 rpm		SJSII	SLIDE		•	•	•	•			
	9565PC	1,400W		-	SJS	PADDLE				•				
	GA5080R	1,400W		2.5kg	SJS/ X-LOCK	SLIDE		•	•	•				HEAT GUN LASE
	GA5091	1900W		2.6kg	SJSII	SLIDE		•	•	•	•		•	LASE
	GA5092	1900W		2.6kg	SJSII	SLIDE		•	•	•				
	GA5094	1900W		2.6kg	SJSII	PADDLE		•	•	•			•	
<b>-</b>	GA5095	1900W		2.6kg	SJSII	PADDLE		•	•	•				CLEANIN
2.E	GA6010	1,050W	10000 rpm	2.7kg		FINGER TRIGGER								
	GA7050	2,000W		4.0kg		LARGE TRIGGER								
	GA7020	2,200W	8500 rpm	5.6kg		LARGE TRIGGER								OF
=	GA7062	2,200W		5.5kg		LARGE TRIGGER								
180mm	GA7063	2,200W	8500 rpm	5.6kg	SJSII	LARGE TRIGGER	D SHAPE							
~	GA7030	2,400W		6.0kg		LARGE TRIGGER						•		JOBSIT
	GA7040S	2,600W	_	6.4kg		LARGE TRIGGER			•			•		TOOL
	GA7080	2700W		6 4kg	SJSII	LARGE TRIGGER		•	•					
	GA7070	2,800W	8500 rpm	6.0kg	SJSII	LARGE TRIGGER		•	•	•		•	•	
	GA9050	2,000W	6600 rpm	4.7kg		LARGE TRIGGER								SPECIALI TOOI
	GA9050R	2,000W	6600 rpm	4.9kg		LARGE TRIGGER		•	•					
	GA9020	2,200W	6000 rpm	5.8kg		LARGE TRIGGER								
F	GA9062	2,200W	6600 rpm	5.7kg		LARGE TRIGGER	D SHAPE							HAND TOOLS
Z3UMM	GA9063	2,200W	6600 rpm	5.8kg	SJSII	LARGE TRIGGER	D SHAPE							Compliantion 3
7	GA9030	2,400W	6600 rpm	6.3kg		LARGE TRIGGER						•		
	GA9040S	2,600W		6.7kg		LARGE TRIGGER			•			•		TOOL HOLDER
	GA9080	2700W	6600 rpm	6.5kg	SJSII	LARGE TRIGGER		•	•					AND POUCHES MAKPAC SYSTEM
	GA9070	2,800W	6600 rpm	6.3kg	SJSII	LARGE TRIGGER		•	•	•		•	•	

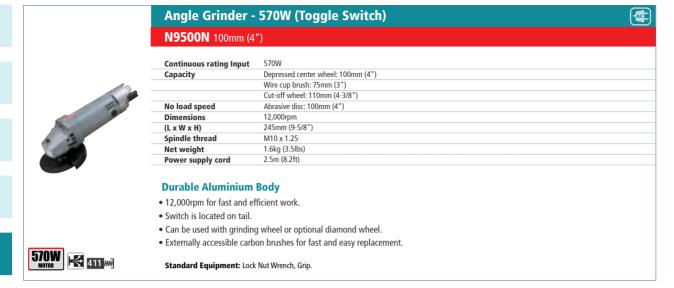
DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING



SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

Angle Grinder - 670W (Toggle Switch)

**9520B** 100mm (4")

Continuous rating Input	670 W
Capacity	Depressed center wheel: 100 mm (4")
	Wire cup brush: 75 mm (3")
	Abrasive Disc: 100 mm (4")
No load speed	Diamond wheel: 110 mm (4-3/8")
Dimensions	12,000 rpm
(L x W x H)	259 mm (10-3/16")
Spindle thread	M10 x 1.5
Net weight	1.3 kg (2.9 lbs)
Power supply cord	2.5 m (8.2 ft)

9522NB 125mm (5")

Abrasive disc: 125 mm (5")

9,500 rpm 262 mm (10-3/8")

DIN type 1.3 kg (2.9 lbs)

Diamond wheel: 125 mm (5")

Depressed center wheel: 125 mm (5")

-AGE

Incredibly light, yet powerful one-hand grinder with slender barrel grip and reduced noise.

• Powerful grinding from an amazingly slim and trim angle grinder.

Angle Grinder - 670W (Slide Switch)

12,000rpm

262mm (10 - 3/8")

DIN type 1.3 kg (2.8 lbs)

2.5 m (8.2 ft)

MOTOR

Standard Equipment: Lock Nut Wrench, Grip.

**Continuous rating Input** 

Capacity

No load speed

Spindle thread

Power supply cord

Dimensions

Net weight

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



CLIDE CW	TCII

SLIDE SWITCH Compact and easy to grip

• Incredibly light but powerful one-hand grinder with slimmer grip and less noise.

9521NB 115mm (4-1/2")

Abrasive disc: 115 mm (4 – 1/2")

Diamond wheel: 115 mm (4 - 1/2")

Depressed center wheel: 115 mm (4 - 1/2")



Standard Equipment: Lock Nut Wrench, Grip



Angle Grinder - 710W (Slide Switch)				
	<b>9553HN</b> 100mm (4")	<b>9554HN</b> 115mm (4-1/2")	<b>9555HN</b> 125mm (5")	
Continuous rating input	710W	710W	710W	
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")	
No Load Speed (RPM)	11,000	10,000	10,000	
Vibration Level	-	Surface Grinding: 7.0 m/s <sup>2</sup>	Surface Grinding: 8.5 m/s <sup>2</sup>	
	-	Disc Sanding: 2.5 m/s <sup>2</sup> or less	Disc Sanding: 2.5 m/s <sup>2</sup> or less	
Sound Pressure Level	-	85 dB(A)	85 dB(A)	
Sound Power Level	-	96 dB(A)	96 dB(A)	
Dimensions	258x118x97 mm	258x129x106 mm	258x139x106 mm	
(L x W x H)	(10-1/8"x4-5/8"x3-13/16")	(10-1/8"x5-1/8"x4-3/16")	(10-1/8"x5-1/2"x4-3/16")	
Net weight	1.5 kg (3.2 lbs)	1.6 kg (3.5 lbs)	1.6 kg (3.5 lbs)	
Power supply cord	2.5 m (8.2 ft.)	2.5 m (8.2 ft.)	2.5 m (8.2 ft.)	

Compact yet powerful one-hand grinder.

- Small circumference barrel grip for easy handling.
- Labyrinth construction prevents all ball bearings from dust and debris.
- Armature coated with protective zig zag varnish and field coated with powder varnish to protect the motor from dust and wire breakage, ensuring durability enough for masonry cutting.

1 325 MI

SLIDE SWITCH

Standard Equipment: Lock Nut Wrench, Grip.

Angle Grinder - 720W (Slide Switch) GA4030 100mm (4") **GA4530** 115mm (4-1/2") **GA5030** 125mm (5") Continuous rating input 720W 720W 720W 100 mm (4") Wheel Diameter 115 mm (4-1/2") 125 mm (5") No Load Speed (RPM) 11.000 11.000 11.000 Vibration Level Surface Grinding: 7.0 m/s<sup>2</sup> Surface Grinding: 7.5 m/s<sup>2</sup> Surface Grinding: 8.5 m/s<sup>2</sup> Disc Sanding: 2.5 m/s<sup>2</sup> or less Disc Sanding: 2.5 m/s<sup>2</sup> Disc Sanding: 2.5 m/s<sup>2</sup> or less 85 dB(A) Sound Pressure Level 85 dB(A) 85 dB(A) 96 dB(A) Sound Power Level 96 dB(A) 96 dB(A) Dimensions 266x117x95 mm 266x128x103 mm 266x140x108 mm (L x W x H) (10-1/2"x4-5/8"x3-3/4") (10-1/2"x5"x4-1/16") (10-1/2"x5-1/2"x4-1/4") Net weight 2.0 kg 2.2 kg 3.0 kg 2.5 m (8.2 ft) 2.5 m (8.2 ft) Power supply cord 2.5 m (8.2 ft)

Small circumference barrel grip and ergonomically designed side grip angle for easy handling.

- Labyrinth construction protects all ball bearings from dust and debris.
- High quality motor with excellent heat-resistance.
- Small gear housing provides easy handling and high maneuverability.
- Motor field coated with protective powder varnish to protect from dust.





Standard Equipment: Lock Nut Wrench, Grip.

Angle Grinder - 720W (Paddle Switch) -AC **GA5034** 125mm (5") GA4034 100mm (4") **Continuous rating input** 720W 720W Wheel Diameter 100 mm (4") 125 mm (5") No Load Speed (RPM) 11 000 11 000 Vibration Level Surface Grinding: 7.0 m/s<sup>2</sup> Surface Grinding: 8.0 m/s<sup>2</sup> Disc Sanding: 2.5 m/s<sup>2</sup> or less Disc Sanding: 2.5 m/s² or less Sound Pressure Level 85 dB(A) 86 dB(A) Sound Power Level 96 dB(A) 97 dB(A) Dimensions (L x W x H) 266x117x95 mm (10-1/2"x4-5/8"x3-3/4") 265x139x103 mm (10-3/8"x5-1/2"x4-1/16") Net weight 2.0 ka 3.15 ka 2.5 m (8.2 ft) 2.5 m (8.2 ft) Power supply cord PADDLE SWITCH

#### Easy to operate paddle switch by the hand gripping motor housing.

- Small circumference barrel grip and ergonomically designed side grip angle for easy handling.
- Labyrinth construction protects all ball bearings from dust and debris.
- High quality motor with excellent heat-resistance.

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



• Small gear housing provides easy handling and high maneuverability. • Motor field coated with protective powder varnish to protect from dust. Standard Equipment: Lock Nut Wrench, Grip.

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





#### Angle Grinder - 840W (Slide Switch)



-AC

-AC

#### High performance motor and high heat resistance.

- Labyrinth construction protects all ball bearings from dust and debris.
- Small circumference barrel grip for easy handling.
- Shaft lock for easy wheel changes.
- Easier repairing of gear section assembled with key.

Standard Equipment: Lock Nut Wrench, Grip.



Angle Grinder - 840W (Paddle Switch)			4
	<b>9556HP</b> 100mm (4")	<b>9557HP</b> 115mm (4-1/2")	<b>9558HP</b> 125mm (5")
Continuous rating Input	840W	840W	840W
Capacity	Depressed center wheel: 100mm (4")	Depressed center wheel: 115mm (4-1/2")	Depressed center wheel: 125mm (5")
	Abrasive disc: 100mm (4")	Abrasive disc: 115mm (4-1/2")	Abrasive disc: 125mm (5")
	Diamond wheel: 100mm (4")	Diamond wheel: 115mm (4-1/2")	Diamond wheel: 125mm (5")
No load speed	11,000rpm	11,000rpm	11,000rpm
Dimensions	273mm x 129mm x 106mm	273mm x 129mm x 106mm	273mm x 129mm x 106mm
(L x W x H)	(10-3/4" x 5-1/8" x 4-3/16")	(10-3/4" x 5-1/8" x 4-3/16")	(10-3/4" x 5-1/8" x 4-3/16")
Spindle thread	DIN type	DIN type	DIN type
Net weight	2.1kg (4.5lbs)	2.1kg (4.5lbs)	2.1kg (4.5lbs)
Power supply cord	2.5m (8.2ft)	2.5m (8.2ft)	2.5m (8.2ft)

#### Ergonomic paddle switch featured.

- Natural fit slim body to left and right hand for easy handling.
- Ergonomically designed paddle lever gives comfort to the fingers.
- Lock-off button built in the center of paddle lever.







Standard Equipment: Lock Nut Wrench, Grip.



#### Angle Grinder - 1,050W (Large Trigger Switch)

9015B 125mm (5")

Continuous rating Input	1,050W
Capacity	Depressed center wheel: 125mm (5")
	Wire cup brush: 90mm (3-1/2 ")
	Abrasive disc: 125mm (5")
No load speed	Diamond wheel : 125mm (5")
Dimensions	10,000rpm
(L x W x H)	381mm (15")
Spindle thread	DIN type, 5/8"-11UNC
Net weight	2.4kg (5.3lbs)
Power supply cord	2.5m (8.2ft)

#### Big trigger switch for convenient operation.

• Gear housing can be positioned at every 90 degrees.









Standard Equipment: Lock Nut Wrench, Grip.



Angle Grinder - 1,050W (Large Trigger Switch) (Finger Trigger Switch)			
	<b>GA5011</b> 125mm (5")	<b>GA5010</b> 125mm (5")	<b>GA6010</b> 150mm (6")
Continuous vatina innut	1.050W	1.050W	1.050W
Continuous rating input Wheel Diameter	1,050W 125 mm (5")	1,050W 125 mm (5")	150 mm (6")
No Load Speed (RPM)	12,000	12,000	10,000
Vibration Level	Surface Grinding: 13.5 m/s <sup>2</sup>	Surface Grinding: 9.5 m/s <sup>2</sup>	Surface Grinding: 9.5 m/s <sup>2</sup>
	=	Disc Sanding: 2.5 m/s² or less	Disc Sanding: 2.5 m/s <sup>2</sup>
Sound Pressure Level	90 dB(A)	89 dB(A)	90 dB(A)
Sound Power Level	101 dB(A)	100 dB(A)	101 dB(A)
Dimensions (L x W x H)	384x139x113 mm	356x139x112 mm	356x169x112 mm
Net weight	2.6kg	2.6 kg	2.7 kg
Power supply cord	2.5 m	2.5 m	2.5 m

#### **High durability**

- Large trigger switch (GA5011)
- Switch with easy-to-operate single-finger trigger. (GA5010, GA6010)
- Lightweight at only 2.6kg.
- High dust-proof construction
- Ergonomically designed handle with rubberized grip provides more control and comfort.

Standard Equipment: Lock Nut Wrench, Grip.

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

-AC

MULTI-TOOL

ROUTERS /

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS

AND POUCHES / MAKPAC SYSTEM



1050W 🔳 🥰 303MM









#### Angle Grinder - 1,100W (Slide Switch) (SJS) 9565HZ 125mm (5") 9563HZ 100mm (4") 1,100W 1,100W Continuous rating input Wheel Diameter 100 mm (4") 125 mm (5") No Load Speed (RPM) 12 000 12 000 Surface Grinding: 5.5 m/s<sup>2</sup> Surface Grinding with **Vibration Level** Anti-Vibration Side Grip: 7.5 m/s<sup>2</sup> Anti-Vibration Side Grip: 7.5 m/s<sup>2</sup> Disc Sanding: 2.5 m/s² or less Disc Sanding: 2.5 m/s² or less Sound Pressure Level 85 dB(A) 84 dB(A) **Sound Power Level** 96 dB(A) 95 dB(A) 299x120x103 mm 299x139x103 mm Dimensions (11-3/4"x4-3/4"x4 ") (11-3/4"x5-1/2"x4") (L x W x H)

2.3 kg (5.1 lbs)

GA4540Z 115mm (4-1/2") GA5040Z 125mm (5")

1.100W

11,000

86 dB(A)

97 dB(A)

303x140x116 mm

2.4 (5.2 lbs)

2.5 m (8.2 ft)

. 125 mm (5")

Surface Grinding: 6.0 m/s<sup>2</sup>

(11-7/8"x5-1/2"x4-9/16")

Disc Sanding with Anti-Vibration Side Grip: 2.5 m/s<sup>2</sup> or less

2.5 m (8.2 ft)

1.100W

11,000

86 dB(A)

97 dB(A)

. 115 mm (4-1/2")

303x130x116 mm

2.3 kg (5.2 lbs)

(11-7/8"x5-1/8"x4-9/16")

Surface Grinding: 6.0 m/s<sup>2</sup>

Disc Sanding with Anti-Vibration Side Grip: 2.5 m/s² or less

#### High 1,100W power anti-dust motor.

- Super Joint System absorbs shock caused by accidental wheel lock and protects gears.
- Housing shape is easy to grip because of internal Brush Holders.
- Labyrinth construction seals motor and bearings from contamination.

Angle Grinder - 1,100W (Slide Switch) (SJS II)

1.100W

11,000

86 dB(A) 97 dB(A)

303x117x111 mm

2.2 - kg (4.9 lbs)

2.5 m (8.2 ft)

(11-7/8"x4-5/8"x4-3/8")

100 mm (4")

Surface Grinding: 5.5 m/s<sup>2</sup>

Disc Sanding with Anti-Vibration Side Grip: 2.5 m/s2 or less

"Super Joint System II" developed for effective vibration absorption.

GA4040Z 100mm (4")

2.1 kg (4.6 lbs.)

2.5 m (8.2 ft)

Standard Equipment: Lock Nut Wrench, Grip.

**Continuous rating input** 

No Load Speed (RPM)

Sound Pressure Level

Sound Power Level

Power supply cord

(L x W x H)

Net weight

Wheel Diameter

Vibration Level

Net weight Power supply cord









• Re-designed durable gear housing. • Ergonomically best possible barrel grip.

Standard Equipment: Lock Nut Wrench, Grip.



DRILLING /

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)



PADDI E SWITCH







Standard Equipment: Lock Nut Wrench, Grip.

Angle Grinder - 1,100W (Paddle Switch) (SJS) **9565PZ** 125mm (5") Continuous rating input 1,100W . 125 mm (5") Wheel Diameter No Load Speed (RPM) 12.000 Surface Grinding: 9.5 m/s<sup>2</sup> Vibration Level Disc Sanding: 2.5 m/s2 or less 85 dB(A) Sound Pressure Level Sound Power Level 96 dB(A) Dimensions 307x139x103 mm (L x W x H) (12-1/8"x5-1/2"x4") 2.4 ka (5.3 lbs) Net weight 2.5 m (8.2 ft) Power supply cord

#### Easy-to-operate paddle type on/off switch.

- Super Joint System absorbs shock caused by accidental wheel lock and protectsgears.
- More durable gears and bearings.
- Electronic limiter & Electronic Controller.

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN











#### Angle Grinder - 1,200W (Slide Switch) (Anti Restart) (SJS)



	<b>9561CR</b> 115mm (4-1/2")	<b>9562CR</b> 125mm (5")
Continuous rating input	1.200W	1.200W
Continuous rating input Wheel Diameter	115 mm (4-1/2")	1,200W 125 mm (5")
No Load Speed (RPM)	12,000	12,000
Vibration Level	Surface Grinding with Anti-Vibration Side Grip: 7.5 m/s <sup>2</sup>	Surface Grinding with Anti-Vibration Side Grip: 7.5 m/s <sup>2</sup>
	Disc Sanding: 2.5 m/s <sup>2</sup> or less	Disc Sanding: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	83 dB(A)	83 dB(A)
Sound Power Level	94 dB(A)	94 dB(A)
Dimensions	289x129x103 mm	289x139x103 mm
(L x W x H)	(11-3/8"x5-1/8"x4-1/16")	(11-3/8"x5-1/2"x4-1/16")
Net weight	2.2 kg (5.0 lbs)	2.2 kg (5.0 lbs)
Power supply cord	2.5 m (8.2 ft)	2.5 m (8.2 ft)

#### High 1,200W power anti-dust motor.

- Super Joint System absorbs shock caused by accidental wheel lock and protects gears.
- Labyrinth construction protects motor and bearings from dirt/dust.
- Motor Protection from overload by Electronic Limiter
- Anti-restart function.

Standard Equipment: Lock Nut Wrench, Grip.

# CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM







# 

#### Angle Grinder - 1,300W (Paddle Switch) -AC GA4550 115mm (4-1/2") GA4050 100mm (4") GA5050 125mm (5") 1.300W 1,300W 1.300W **Continuous rating input** 100 mm (4") . 115 mm (4-1/2") 125 mm (5") Wheel Diameter 11,000 11,000 No Load Speed (RPM) Surface Grinding: 6.5 m/s<sup>2</sup> Surface Grinding: 7.0 m/s<sup>2</sup> Surface Grinding: 7.5 m/s<sup>2</sup> Vibration Level Disc Sanding: 2.5 m/s<sup>2</sup> or less Disc Sanding: 2.5 m/s<sup>2</sup> Disc Sanding: 2.5 m/s<sup>2</sup> or less 91 dB(A) 91 dB(A) Sound Pressure Level 91 dB(A) 102 dB(A) 102 dB(A) 102 dB(A) Sound Power Level Dimensions 325x117x110 mm 325x130x117 mm 325x140x117 mm (L x W x H) (12-3/4"x4-5/8"x4-5/16") (12-3/4"x5-1/8"x4-5/8") (12-3/4"x5-1/2"x4-5/8") 2.8 kg 2.5 m (8.2 ft.) Net weight 2.6 ka 2.8 kg 5 m (8.2 ft.) 2.5 m Power supply cord

#### Powerful 1,300 W Motor with Paddle Switch Trigger

- Enhanced shaft locking mechanism
- Toolless wheel cover allows for fast and easy angle adjustment and installation/ removal of wheel cover
- Anti-drop holders allows to attach anti-drop strap, etc.
- Easy-to-hold barrel grip provides less hand fatigue and more control of the machine (Grip circumference smaller than 9564P series)

Standard Equipment: Lock Nut Wrench, Grip.

#### Angle Grinder - 1,300W (Paddle Switch) (Anti-Restart Function) -AC GA4550R 115mm (4-1/2") GA5050R 125mm (5") Continuous rating input 1 300W 1 300W 115 mm (4-1/2") Wheel Diameter 125 mm (5") No Load Speed (RPM) 11 000 11 000 Vibration Level Surface Grinding: 7.0 m/s Surface Grinding: 7.5 m/s<sup>2</sup> Disc Sanding: 2.5 m/s<sup>2</sup> Disc Sanding: 2.5 m/s<sup>2</sup> or less Sound Pressure Level 91 dR(A) 91 dB(A) Sound Power Level 102 dR(A) 102 dR(Δ) 325x130x117 mm 325x140x117 mm Dimensions (12-3/4"x5-1/8"x4-5/8") (12-3/4"x5-1/2"x4-5/8") (L x W x H) Net weight 2.8 kg 2.8 kg 2.5 m (8.2 ft.) 2.5 m

#### Powerful 1,300 W Motor with Paddle Switch Trigger, Anti Restart and Soft Start

• Enhanced shaft locking mechanism

Standard Equipment: Lock Nut Wrench, Grip.

- Toolless wheel cover allows for fast and easy angle adjustment and installation/ removal of wheel cover
- Anti-drop holders allows to attach anti-drop strap, etc.
- Easy-to-hold barrel grip provides less hand fatigue and more control of the machine (Grip circumference smaller than 9564P series)

Standard Equipment: Lock Nut Wrench, Grip.

Power supply cord

-AC

CUTTING (CONCRETE / METAL)

CONCRETE DRILLING /

MIXING /

STIRRING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

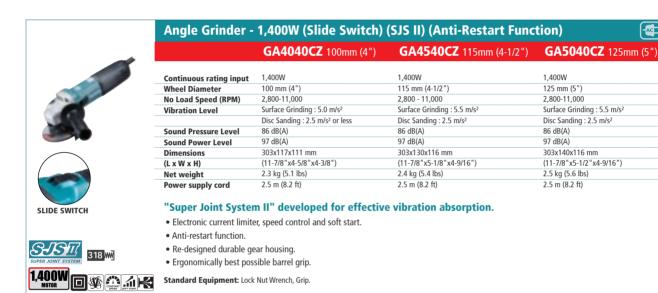
HEAT GUN /

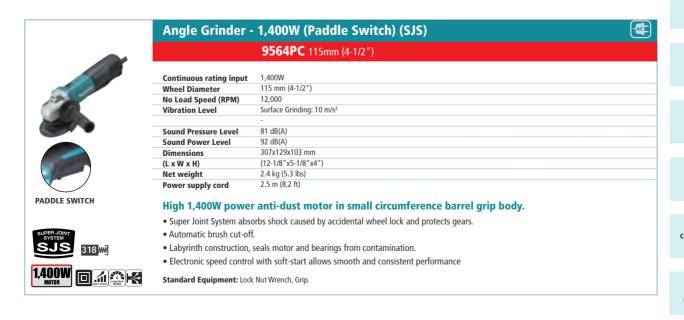
CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET





CONCRETE DRILLING /
DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)



-AC Angle Grinder - 1,900W (Slide Switch) (Anti-Restart Function) **GA4591** 115mm (4-1/2") GA5091 125mm (5") 1.900W (127V : 1700W) 1.900W (127V : 1700W) **Continuous rating Input** 115 mm (4-1/2") 125 mm (5") Wheel diameter No load speed (RPM) 2.800 - 11.500 2,800 - 11,500 66 x 59 mm 66 x 59 mm Dimensions at grip portion (W x H) Circumference of grip portion 205 mm 205mm Sound pressure level 90 dR(A) 90 dR(A) 98 dB(A) 98 dB(A) Sound power level 349 x 130 x 129 mm 349 x 140 x 129 mm Dimensions (L x W x H) Net weight (Tool Body only) 2.4 kg

#### Powerful 1,900 W Motor with Slide Switch, Anti Restart, Soft Start, Variable speed & Mechanical Brake

- · Enhanced shaft locking mechanism
- Toolless wheel cover allows for fast and easy angle adjustment and installation/ removal of wheel cover
- Anti-drop holders allows to attach anti-drop strap, etc.
- Easy-to-hold barrel grip provides less hand fatigue and more control of the machine (Grip circumference smaller than 9564P series)

Standard Equipment: Lock Nut Wrench, Grip.

SANDING /
POLISHING

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN



1900W

220V - 240V

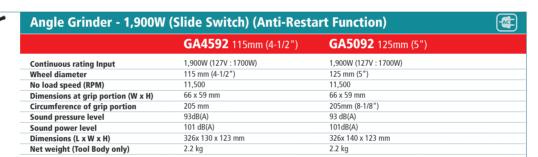
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#### Powerful 1,900 W Motor with Slide Switch Trigger, Anti Restart, Soft Start

- Enhanced shaft locking mechanism
- Toolless wheel cover allows for fast and easy angle adjustment and installation/ removal of wheel cover
- Anti-drop holders allows to attach anti-drop strap, etc.
- Easy-to-hold barrel grip provides less hand fatigue and more control of the machine (Grip circumference smaller than 9564P series)

Standard Equipment: Lock Nut Wrench, Grip.

#### CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS







#### PADDLE SWITCH

1700W





#### Angle Grinder - 1,900W (Paddle Switch) (Anti-Restart Function) -AGE **GA4594** 115mm (4-1/2") **GA5094** 125mm (5") 1,900W (127V:1700W) Continuous rating Input 1,900W (127V: 1700W) Wheel Diameter 115 mm (4-1/2") 125 mm (5") 11.500 11.500 **Hole Diameter** No Load Speed (RPM) 66 x 59 mm 66 x 59 mm 207 mm Circumference of grip portion 207mm 90 dB(A) 90 dB(A) **Cutting depth** 98 dB(A) Dimensions (L x W x H) 98 dB(A) 349 x 130 x 129 mm 349 x 140 x 129 mm Net weight 2.4 kg 2.4 kg

### Powerful 1,900 W Motor with Paddle Switch, Anti Restart, Soft Start, Mechanical Brake

- Enhanced shaft locking mechanism
- Toolless wheel cover allows for fast and easy angle adjustment and installation/ removal of wheel cover
- Anti-drop holders allows to attach anti-drop strap, etc.
- Easy-to-hold barrel grip provides less hand fatigue and more control of the machine (Grip circumference smaller than 9564P series)

Standard Equipment: Lock Nut Wrench, Grip.



1900W

S-ISIII AFT 264 MM

Angle Grinder - 1,900W (Paddle Switch) (Anti-Restart Function) -AG GA5095 125mm (5") **GA4595** 115mm (4-1/2") Continuous rating Input 1,900W (127V : 1700W) 1,900W (127V:1700W) Wheel diameter 115 mm (4-1/2") 125 mm (5") No load speed (RPM) 11.500 11 500 Dimensions at grip portion (W x H) Circumference of grip portion 66 x 59 mm 66 x 59 mm 207mm (8-1/8") 207 mm Sound pressure level 93dB(A) 93 dR(Δ) Sound power level 101 dB(A) 101dB(A) 326x 140 x 123 mm Dimensions (L x W x H) 326x 130 x 123 mm Net weight (Tool Body only) 2.2 kg 2.2 kg

Powerful 1,900 W Motor with Paddle Switch, Anti Restart & Soft Start

• Enhanced shaft locking mechanism

- Toolless wheel cover allows for fast and easy angle adjustment and installation/ removal of wheel cover
- Anti-drop holders allows to attach anti-drop strap, etc.

• Easy-to-hold barrel grip provides less hand fatigue and more control of the machine (Grip circumference smaller than 9564P series)

Standard Equipment: Lock Nut Wrench, Grip.

MIXING / STIRRING

CONCRETE DRILLING / DEMOLITION

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

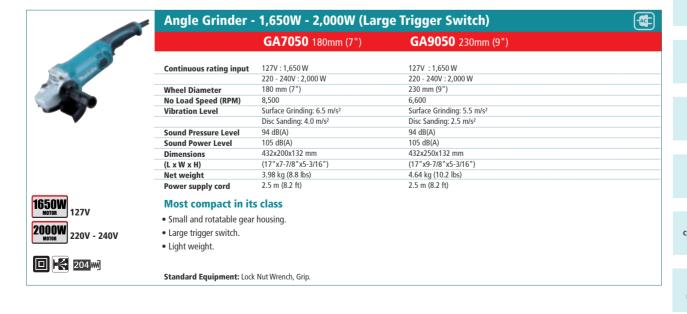
OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### -AC Angle Grinder - 1,650W - 2,000W (Finger Trigger Switch) GA7001 180mm (7") 115V: 1.650 W **Continuous rating input** 220 - 240V : 2,000 W Capacity Depressed center wheel: 180 mm (7") Wire cup brush: 110 mm (4-3/8") Cut-off wheel : 180 mm (7") Abrasive disc : 180 mm (7") No load speed 8,000 rpm Overall length 411.5 mm (16-1/4") Spindle thread DIN type 5.7 kg (12.6 lbs) Net weight Power supply cord 2.5 m (8.2 ft) A tough contender, very rugged and powerful. • Powerful motor in tough, aluminium body. 1650W 220V - 240V 153 WM Standard Equipment: Lock Nut Wrench, Grip.



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)



Angle Grinder -	1,650W-2,000W (Anti R	estart) (Large Trigger Switch)	-AC
	<b>GA7050R</b> 180mm (7")	GA9050R 230mm (9")	
Continuous rating input	127V: 1,650 W	127V:1,650 W	
	220 - 240V : 2,000 W	220 - 240V : 2,000 W	
Wheel Diameter	180 mm (7")	230 mm (9")	
No Load Speed (RPM)	8,500	6,600	
Vibration Level	Surface Grinding: 6.5 m/s <sup>2</sup>	Surface Grinding: 5.5 m/s <sup>2</sup>	
	Disc Sanding: 4.0 m/s <sup>2</sup>	Disc Sanding: 2.5 m/s <sup>2</sup>	
Sound Pressure Level	94 dB(A)	94 dB(A)	
Sound Power Level	105 dB(A)	105 dB(A)	
Dimensions	455x200x132 mm	455x250x132 mm	
(L x W x H)	(17-7/8"x7-7/8"x5-3/16")	(17-7/8"x9-7/8"x5-3/16")	
Net weight	4.6 kg (10.3 lbs.)	4.8 (10.6 lbs)	
Power supply cord	2.5 m (8.2 ft)	2.5 m (8.2 ft)	

#### **Most compact in its class**

- Small and rotatable gear housing.
- Large trigger switch.
- Light weight.

Standard Equipment: Lock Nut Wrench, Grip.

1650W 2000W 220V - 240V 

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

SAWING

CLEANING



Angle Grinder -	2,200W (Large Trigge	er Switch)	
	GA7020 180mm (7")	<b>GA9020</b> 230mm (9")	
Continuous rating input	2,200W	2,200W	
Wheel Diameter	180 mm (7")	230 mm (9")	
No Load Speed (RPM)	8,500	6,600	
Vibration Level	Surface Grinding: 8.0 m/s <sup>2</sup>	Surface Grinding: 5.5 m/s <sup>2</sup>	
	Disc Sanding: 2.5 m/s <sup>2</sup>	Disc Sanding: 2.5 m/s² or less	
Sound Pressure Level	89 dB(A)	89 dB(A)	
Sound Power Level	100 dB(A)	100 dB(A)	
Dimensions	473x200x140 mm	473x249x140 mm	
(L x W x H)	(18-5/8"x7-7/8"x5-1/2")	(18-5/8"x9-3/4"x5-1/2")	
Net weight	5.56 kg (12.26 lbs)	5.76 kg (12.7 lbs)	
Power supply cord	2.5 m (8.2 ft)	2.5 m (8.2 ft)	

#### **Outstanding durability**

- Increased heat resistance.
- Superior anti-dust structure.
- Machined bevel gear for strength.
- Soft grip for more comfort and control.
- Gear housing can be positioned at every 90 degrees.

Standard Equipment: Lock Nut Wrench, Grip.

# OPE JOBSITE TOOLS

Angle Grinder -	2,200W (Large Trigger	Switch)
	GA7062 180mm (7")	<b>GA9062</b> 230mm (9")
Continuous rating input	2,200W	2,200W
Wheel Diameter	180 mm (7")	230 mm (9")
No Load Speed (RPM)	8,500	6,600
Vibration Level	Surface Grinding : 7.5 m/s <sup>2</sup>	Surface Grinding: 6.0 m/s <sup>2</sup>
	Disc Sanding: 2.5 m/s <sup>2</sup>	Disc Sanding : 2.5 m/s² or less
Sound Pressure Level	91 dB(A)	91 dB(A)
Sound Power Level	102 dB(A)	102 dB(A)
Dimensions	450x200x144 mm	450x250x144 mm
(L x W x H)	(17-3/4"x7-7/8"x5-5/8")	(17-3/4"x9-7/8"x5-5/8")
Net weight	5.51 kg (12.2 lbs)	5.61 kg (12.4 lbs)
Power supply cord	2.5 m (8.2 ft.)	2.5 m (8.2 ft.)

### High durability and Superior usability D shape Handle grinders.

- Improvement of armature, commutator, carbon brush life, switch section, shaft lock pin, new brush holder and rigid motor housing.
- D-shape Handle protects user's hand from materials
- Easy to grip handle with anti-slip shape and comfortable side grip for better balance
- Compact and light weight

Standard Equipment: Lock Nut Wrench, Grip.

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



■ 204 MM

-AC



### Angle Grinder - 2,200W (Large Trigger Switch) (SJS II)





High durability and Superior usability D shape Handle grinders with "Super Joint System II" developed for effective vibration absorption

- Improvement of armature, commutator, carbon brush life, switch section, shaft lock pin, new brush holder and rigid motor housing.
- D-shape Handle protects user's hand from materials
- Easy to grip handle with anti-slip shape and comfortable side grip for better balance
- Compact and light weight

Standard Equipment: Lock Nut Wrench, Grip.



CONCRETE DRILLING /

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

> NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



□ | 218 mi

SIST

**2,200W** 

2,200W

2,400W 220V - 240V

□ K S 204 M

#### Angle Grinder - 2,200W - 2,400W (Large Trigger Switch) -AGE GA7030 180mm (7") GA9030 230mm (9") Continuous rating input 2,400W (220V) / 2,200W (127V) 2,400W (220V) / 2,200W (127V) Wheel Diameter 180 mm (7") 230 mm (9") No Load Speed (RPM) 8.500 6.600 Surface Grinding: 6.5 m/s<sup>2</sup> Surface Grinding: 6.5 m/s Vibration Level Disc Sanding: 2.5 m/s<sup>2</sup> Disc Sanding: 2.5 m/s2 or less Sound Pressure Level 89 dB(A) 90 dB(A) Sound Power Level 100 dB(A) 101 dB(A) 511x200x140 mm 503x250x140 mm Dimensions (20-1/8"x7-7/8"x5-1/2") (19-3/4"x9-7/8"x5-1/2") (L x W x H) 6.06 kg (13.36 lbs) 6.26 kg (13.8 lbs) Net weight 2.5 m (8.2 ft) 2.5 m (8.2 ft) Power supply cord

Heavy duty motor with 2,200W - 2,400W continuous rating Input.

- Outstanding durability. Superior anti-dust Structure, Machined bevel gear. Increased heat resistance.
- Low vibration rear handle with soft grip for more comfort and control.
- Rotatable rear handle can be positioned to suit most cutting & grinding operations.
- Protects work piece from scratches large rubber tool rest.
- · Gear housing can be positioned at every 90 degrees.

Standard Equipment: Lock Nut Wrench, Grip



#### Angle Grinder - 2,600W (Large Trigger Switch) -AC **GA7040S** 180mm (7") GA9040S 230mm (9") Continuous rating input 2.600W 2.600W Wheel Diameter 180 mm (7") 230 mm (9") 8.500 6.600 No Load Speed (RPM) Surface Grinding: 7.5 m/s<sup>2</sup> Surface Grinding: 5.5 m/s<sup>2</sup> Vibration Level Disc Sanding: 2.5 m/s² or less Disc Sanding: 2.5 m/s<sup>2</sup> 90 dB(A) 90 dB(A) Sound Pressure Level Sound Power Level 101 dB(A) 101 dB(A) 511x200x140 mm 503x250x140 mm Dimensions (20-1/8"x7-7/8"x5-1/2") (19-3/4"x9-7/8"x5-1/2") (LxWxH) 6.45 kg (14.2 lbs) 6.65 - 8.94 kg (14.7 lbs) Net weight 2.5 m (8.2 ft) 2.5 m (8.2 ft) Power supply cord

#### Heavy duty motor with 2,600W continuous rating Input.

- Outstanding durability. Superior anti-dust Structure, Machined bevel gear. Increased heat resistance.
- Low vibration rear handle with soft grip for more comfort and control.
- Rotatable rear handle can be positioned to suit most cutting & grinding operations.
- Protects work piece from scratches large rubber tool rest.
- Gear housing can be positioned at every 90 degrees.

Standard Equipment: Lock Nut Wrench, Grip.



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM







- Provide excellent maneuverability and product balance in a wide range of work postures
- Anti-restart function prevents accidental start-up of the grinder
- Re-designed Shaft lock enables to press the button from a slant angle for easier wheel changes

Standard Equipment: Lock Nut Wrench, Grip.

**Continuous rating Input** 

Wheel Diameter





220V - 240V

RAK) S CONTENT 224 MM

2,700W

2,400W

2,800W

**2,200W** 

AFT (BRAKE)

220V - 240V

### Angle Grinder - 2800W (Large Trigger Switch)

220 - 240V : 2,800 W

127V: 2,200 W

180 mm (7")

**GA7070** 180mm (7

7")	<b>GA9070</b> 230mm (9")
	220 - 240V : 2,800 W
	127V : 2,200 W
	230 mm (9")
	22.23 mm (7/8")
	6,600
	506 x 250 x 146 mm

 Hole Diameter
 22.23 mm (7/8")
 22.23 mm (7/8")

 No Load Speed (RPM)
 8,500
 6,600

 Dimensions (L xW xH)
 506 x 200 x 146 mm
 506 x 250 x 146 mm

 Net weight
 6.1 - 6.6 kg
 6.3 - 8.5 kg

 Power supply cord
 2.5 m
 2.5 m

### Heavy duty motor with 2,800W continuous rating Input

- MECHANICAL BRAKE (provide minimum down time between each runs)
- AFT FUNCTION protects the machine by turning off the motor if the rotation is suddenly forced to stop
- CONSTANT SPEED CONTROL automatically applies additional power to the motor to maintain speed under load
- Provide excellent maneuverability and product balance in a wide range of work postures
- Anti-restart function prevents accidental start-up of the grinder
- Re-designed Shaft lock enables to press the button from a slant angle for easier wheel changes

Standard Equipment: Lock Nut Wrench, Grip.





#### **DGD800**

18V | /LXT

#### **Cordless Die Grinder**





### Now free from cord for easy job site portability.

- Long-nose type.
- Solid aluminum bearing box.
- Vent slots designed to direct exhaust air away from operator.
- Easy-to-grip motor housing with small circumference.



Capacity	Collet : 3mm - 8mm
Wheel diameter	38mm (1-1/2")
No load speed (rpm)	26,000
Dimensions (L x W x H)	402x82x118mm
	(15-3/4"x3-1/4"x4-5/8")
Net weight	2.0kg (4.4lbs)

Standard Equipment: Wrench x 2pcs

	AVAILABLE VARIANTS	
5.0Ah	3.0Ah	"Z" VARIANT
-	-	DGD800 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

### GD0603 6mm (1/4")



#### **Die Grinder**





### Compact design with small diameter barrel

- Power and speed in a compact size, and features motor-protection features for longer tool life
- Contoured neck grip provides a secondary hand position for increased maneuverability
- Round-shaped collet nut is designed to help prevent damage/scratches to workpiece
- Can be gripped close to the stone for steadier work.



Continuous rating Input	240W
Collet Capacity	6 mm or 1/4"
Max Wheel Diameter	19 mm (3/4")
lo Load Speed (RPM)	28,000
Diameter of grip	65 mm
Circumference of Grip Portion	203 mm
Dimensions (L x W x H)	289 x 64 x 67 mm
let weight	0.98 kg
ower supply cord	2.5 m

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

### **GD0600** 6mm (1/4")



### Die Grinder





### Small-circumference housing for easy handling.

- Anti-slip rubber cover for easy handling.
- Round-shaped collet nut reduces the possibility of damages/ scratches to workpiece.
- Vent slots designed to direct the exhaust air stream towards the opposite side of the operator.
- High heat resistance.
- Operate paddle type switch.



400W
Collet: 3,6mm or 1/8",1/4"
38mm (2-1/2")
25,000rpm
358mm x 82mm x 82mm
(14-1/8" x 3-1/4" x 3-1/4")
1.7kg (3.7lbs)
2.5m (8.2ft)

### GD0602 6mm (1/4")









#### Compact body with short nose.

- Anti-slip rubber cover for easy handling.
- Round-shaped collet nut reduces the possibility of damages/scratches to the workpiece.
- Switch lever conveniently located for one hand operation.
- Vent slots designed to direct the exhaust air stream towards the opposite side of the operator.



_	
Continuous rating Input	400W
Capacity	Collet : 6mm or 1/4"
Wheel dia.	38mm (1-1/2")
No load speed (rpm)	25,000
Dimensions	264 x 82 x 82mm
(L x W x H)	(10-3/8" x 3-1/4" x 3-1/4")
Net weight	1.4kg (3.2lbs)
Power supply cord	2.5m (8.2ft)

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

CDECIAIT

TOOL

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

#### GD0800C 8mm (1/4")



### **Die Grinder**



#### High-speed die grinder with max. 8mm collet capacity.

- Ergonomically designed slim body for grinding in tight spots.
- Super Joint System absorbs shock caused by accidental wheel lock and protects gears.
- Internal labyrinth construction seals motor and bearings from contamination.



Continuous rating Input	750W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
Max wheel point dia.	25mm
No load speed	7,000-28,000rpm
Dimensions (L x W x H)	371x75x75mm (14-5/8"x2-15/16"x2-15/16")
Net weight	1.7kg (3.7lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Wrench (2pcs)

### GD0810C 8mm (1/4")







### Low-speed die grinder with max. 8mm collet capacity.

- Ergonomically designed slim body for grinding in tight spots.
- Super Joint System absorbs shock caused by accidental wheel lock and protects gears.
- Internal labyrinth construction seals motor and bearings from contamination.
- Ideal for grinding internal surfaces, removing paint etc. using with flap wheel discs.



Continuous rating Input	750W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
Max wheel point dia.	50mm
No load speed	1,800-7,000rpm
Overall length	371mm (14-5/8")
Net weight	1.7kg (3.8lbs)
Power supply cord	2.5m (ft)

Standard Equipment: Wrench (2pcs)

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **GD0801C** 8mm (1/4") (Paddle switch)



Die Grinder





#### Easy-to-operate paddle type on/off switch

- Ergonomically designed slim body for grinding in tight spots.
- Super Joint System absorbs shock caused by accidental wheel lock and protects gears.
- Side handle can be attached.



No load speed (rpm) 7	ollet : 3,6,8mm or 1/8",1/4" 000-29,000
Dimensions (L x W x H) 3	0.75.00 (45.00) 0.45(46) 0.4(0)
	0x75x88mm (15-3/8"x2-15/16"x3-1/2")
Net weight 2	0kg (4.3lbs)
Power supply cord 2	5m (8.2ft)

Standard Equipment: Wrench (2pcs)

#### **GD0811C** 8mm (1/4") (Paddle switch)



#### **Die Grinder**





#### Easy-to-operate paddle type on/off switch

- Ergonomically designed slim body for grinding in tight spots.
- Super Joint System absorbs shock caused by accidental wheel lock and protects gears.
- Internal labyrinth construction seals motor and bearings from contamination.
- · Ideal for grinding internal surfaces, removing paint etc. using with flap wheel discs.





Continuous rating input	750W
Capacity	Collet : 3,6,8mm or 1/8",1/4"
No load speed (rpm)	1,800-7,000
Overall length	390mm (15-3/8")
Net weight	2.0kg (4.4lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Wrench (2pcs)





DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET





Bench Grinder	
•	
	from this light yet stable perform
Steady tool maintenance	ii oiii tiiis iigiit, yet stable periori
	ironi tilis light, yet stable periori
• Cosmetic new design. • The safety shields and spark deflet	ectors are adjustable for operator's convenier
Cosmetic new design.	
<ul> <li>Cosmetic new design.</li> <li>The safety shields and spark deflet</li> </ul>	ectors are adjustable for operator's convenier
<ul> <li>Cosmetic new design.</li> <li>The safety shields and spark deflet</li> <li>ED</li> <li>Continuous rating Input</li> </ul>	ectors are adjustable for operator's convenier
<ul> <li>Cosmetic new design.</li> <li>The safety shields and spark deflet</li> </ul>	ectors are adjustable for operator's convenier  250W 150mm x 16mm
Cosmetic new design. The safety shields and spark defle  Continuous rating Input  Wheel diameter	ectors are adjustable for operator's convenier
• Cosmetic new design. • The safety shields and spark defle  ED  Continuous rating Input Wheel diameter Hole dia.	ectors are adjustable for operator's convenier  250W 150mm x 16mm 12.7mm (1/2")
• Cosmetic new design. • The safety shields and spark defle  ED  Continuous rating Input Wheel diameter Hole dia. H.P.	ectors are adjustable for operator's convenier  250W 150mm x 16mm 12.7mm (1/2")
• Cosmetic new design. • The safety shields and spark defle  ED  Continuous rating Input Wheel diameter Hole dia. H.P. No load speed (rpm)	250W 150mm x 16mm 12.7mm (1/2") 1/3 2,850 (50Hz) / 3,450 (60Hz)

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

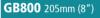
JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



**Bench Grinder** 







With a large 540W motor, GB800 is perfect for light industrial applications.

• Comes with protective shields and tool rests.witch.

Standard Equipment: Eye Shields

Continuous rating input	540 W
Max. wheel size	205 mm x 25 mm (8" x 1")
Distance between wheels	345 mm (13-9/16")
H.P.	3/4
No load speed	2,850 rpm
Overall length	455 mm (18")
Net weight	18.5 kg (40.8 lbs)

### GB801 205mm (8")

Standard Equipment: Eye Shields



#### **Bench Grinder**





### Steady tool maintenance from this light, yet stable performer.

- Cosmetic new design.
- Balance weight installed.
- Integral work lights automatically turn on to illuminate the work area for more accurate grinding and polishing .



Continuous rating Input	550W
Wheel diameter	205mm x 19mm
Hole dia.	15.88mm (5/8")
H.P.	3/4
No load speed (rpm)	2,850 (50Hz) / 3,450 (60Hz)
Dimensions	395 x 265 x 333mm
(L x W x H)	(15-9/16" x 10-7/16" x 13-7/64")
Net weight	19.8kg (43.6lbs)

Standard Equipment: Eye Shields



### PC5010C 125mm









### Engineered for low vibration and fast material removal

- SJSII provides a drive mechanism that is engineered to reduce vibration for increased comfort
- Compact and lightweight design
- Removable front cover enables user plane flush to walls or corners.
- Anti-restart function.



1,400W
125 mm (5")
22.23 mm
4,000 - 9,000
350 x 231 x 179 mm
2.5 - 3.6 kg
4.0 m

Standard Equipment: Lock Nut Wrench

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

### PC5000C 125mm



### **Concrete Planer**





### Most suitable for planing concrete.

- Capable of planing flush to corners.
- Powerful 1,400W motor provides efficient planing operation.
- Anti-restart function is provided.
- Electrical current limiter protects motor from overload.



Continuous rating Input	1,400W
Wheel dia.	125mm (5")
Hole dia.	22.23mm (7/8")
No load speed (rpm)	10,000
Dimensions	437 x 235 x 195mm
(L x W x H)	(17-1/8" x 9-1/4" x 7-5/8")
Net weight	4.0kg (8.9lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Lock Nut Wrench, Hex Wrench, Dust Bag Assembly

### PC5001C 125mm







CLEANING

HEAT GUN / LASER

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## Concrete Planei





### Most suitable for planing concrete.

- Front roller adjusts planing depth. / Auxiliary base for smoother planing.
- Capable of planing flush to corners.
- Powerful 1,400W motor provides efficient planing operation.
- Anti-restart function is provided.
- Electrical current limiter protects motor from overload.



Continuous rating Input	1,400W
Wheel dia.	125mm (5")
Hole dia.	22.23mm (7/8")
No load speed (rpm)	10,000
Dimensions	479 x 182 x 195mm
(L x W x H)	(18-13/16" x 7-1/8" x 7-5/8")
Net weight	5.1kg (11.2lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Lock Nut Wrench, Hex Wrench, Dust Bag Assembly

CONCRETE DRILLING / DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING A

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITI TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Diamond Wheel Range**

\*\*\*

#### The Makita diamond wheel series offers three types of wheel grades to meet user needs

Premium Range: This yields the highest performance in both cutting speed and durability.

Professional Range: This achieves an optimum balance between performance and price.

Entry Level Range: This has the attraction of a reasonable price tag.

## Cosmos premium range diamond wheel features





- Premium range diamond wheels for demanding needs
- High Performance and Long Life
- Smooth, Stable, Clean and Fast cut

Our premium diamond wheels "The Cosmos System" (Nebula and Comet) brings a universal' approach to blade selection. Advanced segment bonds allow for premium performance across a wider range of materials. The Cosmos premium range of diamond wheels have been carefully crafted to best meet the demanding needs of professional users. Cosmos system feature our unique diamond wheel technology, which helps to provide outstanding cutting performance. As such, the wheels are able to cut faster and last longer than traditional ones.

### LASER WELDED



To improve productivity and speed of cut, the

wheel segments have been laser welded onto the body to give additional strength and durability when cutting.

#### V-SHAPED SEGMENTS



The unique segmented design is engineered to

improved acceleration into cuts during the initial stage, reduce friction and significantly improve cooling.

### **COOLING HOLES**



Keeps the diamond wheel cool during operation helps

to prevent expansion of the wheel and ensure a smooth cutting action – reducing fatigue for the operator and potential damage to the power tool. The presence of holes in the wheel also improves visibility for the user when cutting.

#### **FIXED METAL BOSS**



The reinforced center boss uses a soft metal inner core

to dampen vibration through the wheel, lowering running noise and guaranteeing an unrivalled quality and ease of cut for the operator. A stable wheel cuts cleaner and quicker removing less material and extending wheel life-time.

#### **3DDG TECHNOLOGY**

## For faster cutting and longer tool life.

Unparalleled performance and speed with 3DDG technology. An advance technology that allows to manufacture segments with diamond grits evenly placed within the segment in a 3 dimensional pattern







MATERIAL: • SPECIALLY SUITABLE | • SUITABLE

### Segmented rim

105 2.0

Most commonly used. Blade has slits and a layer of diamond is sintered on the edges. Cuts faster than continuous rim type and maintains average cutting surface

16

20

COLOUR

Gold



PART NO.

D-05197

ENTRY LEVEL	115	1.8	/	22.23	-	Gold	U	•		U	O					DRY	i iomini Grinder	D-442/0
RANGE	180	2.2	7	22.23	-	Gold	0	•		0	0					DRY	180mm Grinder	D-44286
*	230	2.4	7	22.23	-	Gold	0	•		0	0					DRY	230mm Grinder	D-44292
		т	v			COLOUD		ATERIA	L: • S	PECIAL	LY SUI1	ABLE	OSU	TABLE		DRY/WET	SUITABLE FOR	PART NO.
	D	'	Х	Н	d	COLOUR	1	2	3	4	5	6	7	8	9	DICI7WEI	SOTTABLETON	PART NO.
	105	1.8	7.5	20	16	Gold		•		•	0	0				DRY	100mm (Gr), 110mm (Cu)	A-87149
A STATE OF	105	1.8	7	20	16	Gold		•		•	0	0				DRY	100mm (Gr), 110mm (Cu)	A-84187
A A S	110	1.8	6	20	-	Gold		•		•	0	0				DRY	115mm Cutter	A-05022
PROFESSIONAL	115	1.9	7	22.23	-	Gold		•		•	0	0				DRY	115mm Grinder	A-84109
RANGE	125	1.9	7	22.23	20	Gold		•		•	0	0				DRY	125mm Grinder, Cutter	A-84115
**	125	2.0	7	22.23	20	Gold		•		•	0	0				DRY	125mm Grinder, Cutter	A-88901
^ ^	150	2.1	7	22.23	-	Gold		•		•	0	0				DRY	150mm Grinder	B-06432
	180	2.0	7	25.4	22.23	Gold		•		•	0	0				DRY	180mm Grinder, Cutter	A-87909
	180	2.3	7	25.4	22.23	Gold		•		•	0	0				DRY	180mm Grinder, Cutter	A-84121
	230	2.5	7	22.23	-	Gold		•		•	0	0				DRY	230mm Grinder	A-84137

CONCRET

Nebula diamond wheel offers very good quality, affordable wheels for those who want something more reliable than a single-use solution.



DRY/WET

DRY

8

SUITABLE FOR

100mm (Gr), 110mm (Cu)



	_	v			COLOUD	MA	ATERIA	L: 🏓 SI	PECIALI	LY SUIT	ABLE	OSUI	TABLE		DRY/WET		PART NO.
D	'	X	H	a	COLOUR	1	2	3	4	5	6	7	8	9	DRI/WEI	SUITABLE FOR	
115	2.0	10	22.23	-	Gold	0	•	0		0	0				WET / DRY	115mm Grinder	B-53986
180	2.0	10	22.23	-	Gold	0	•	0		0	0				WET / DRY	180mm Grinder	B-54019
230	2.4	10	22.23	-	Gold	0	•	0		0	0				WET / DRY	230mm Grinder	B-54025



115 2.0

10 22.23

180 2.0 10 22.23

230 2.4 10 22.23

With Comet range, cutting concrete just got easier designed with Makita's 3DDG technology for unparalled performance and speed. The Comet is a universal wheel, aimed at applications where superior quality is required.

COLOUR

Blue

Blue

Blue





DRY/WET



WET / DRY 115mm Grinder

WET / DRY 180mm Grinder

WET / DRY 230mm Grinder

SUITABLE FOR



PART NO. B-12762

B-27193

B-12784

								MA	TERIA	L: • S	PECIALI	Y SUIT	ABLE	<b>SUI</b>	TABLE		DDV/MET	SUITABLE FOR	2122110
		D	Ţ	Х	Н	d	COLOUR	1	2	3	4	5	6	7	8	9	DRY/WET	SUITABLE FUR	PART NO.
		105	1.7	7	20	16	Silver	•	•		•	0	0				DRY	100mm Grinder, 110mm Cutter	A-84090
	Control of the last of the las	115	1.8	7	22.23	-	Silver	•	•		•	0	0				DRY	115mm Grinder	A-84006
GRANITE	PROFESSIONAL	125	2.0	7	22.23	20	Silver	•	•		•	0	0				DRY	125mm Grinder	A-84012
į	RANGE *	180	2.0	7	25.4	22.23	Silver	•	•		•	0	0				DRY	180mm Grinder, Cutter	A-84028
₹	<b>*</b> *	230	2.2	7	22.23	-	Silver	•	•		•	0	0				DRY	230mm Grinder	A-84408
<u></u>	PREMIUM	D	_	v	н	_	COLOUD	MATER		AL: •	SPECIAI	LY SUIT	ABLE	OSU	SUITABLE		DRY/WET	SUITABLE FOR	PART NO.
	RANGE	ש	, I	X	П	d	COLOUR	1	2	3	4	5	6	7	8	9	DR17 WEI	JOHNSEL I OIL	PART NO.
	***	125	1.9	7	22.23	20	Blue	•	•		•	•					DRY	125mm Grinder, Cutter	A-01236

Segmented wave rim

Similar to segmented wheels but with many notches (Wave) in each segment. These notches ensure: Fast cutting with less resistance | Smooth debris removal | Less loading on wheel

- 1	282

																			200
ш		l n	_	,		d	COLOUD	MATERIAL: SPECIALLY SUITABLE   SUITABLE											DART NO
RET	PROFESSIONAL	ľ		<b>X</b>	н		COLOUR	1	2	3	4	5	6	7	8	9	DRY/WET	SUITABLE FOR	PART NO.
8	RANGE	105	2.0	7.5	20	16	Gold		•		•	0	0				DRY	100mm Grinder, 110mm Cutter	B-03028
ONC		115	2.0	7.5	22.23	-	Blue		•		•	0	0				DRY	115mm Grinder	A-80422
	8 **	125	2.0	7.5	22.23	-	Blue		•		•	0	0				DRY	125mm Grinder	A-80438
		230	2.5	7.5	22.23	-	Blue		•		•	0					DRY	230mm Grinder	A-80173

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

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JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Corrugated rim
This wheel has notches around the Rim. Has a characteristic between Continuous Rim and Segmented Type. Has faster cutting like Segmented Type. At the same time, can attain cleaner surface like continuous rim without broken edges.



			_					ı	MATERIA	AL: • SF	PECIALLY	SUITAE	BLE  C	SUIT	ABLE		DDV/WET	CULTURE TOR	
	A CONTRACTOR OF THE PARTY OF TH	D	T	Х	Н	d	COLOUR	1	2	3	4	5	6	7	8	9	DRY/WET	SUITABLE FOR	PART NO.
	A.	105	2.0	7	20	16	Gold		•		•	0					DRY	100mm (Gr), 110mm (Cu)	D-05206
	ENTRY LEVEL	115	2.3	7	22.23	-	Gold		•		•	0					DRY	115mm Grinder	D-37596
	RANGE	180	2.9	7	22.23	-	Gold		•		•	0					DRY	180mm Grinder	D-37611
ш	*	230	3.1	7	22.23	-	Gold		•		•	0					DRY	230mm Grinder	D-37627
									MATERI	AL: S	PECIALL	/ SUITA	BLE I	SUIT	ABLE				
CONCR		D	T	Х	Н	d	COLOUR	1	2	3	4	5	6	7	8	9	DRY/WET	SUITABLE FOR	PART NO.
ō	The same of the sa	115	2.0	7	22.23	-	Gold		•		•	0	0				DRY	115mm Grinder	A-84143
U	mer AA	115	2.0	7	22.23	-	Gold		•		•						DRY	115mm Grinder	A-88939
	PROFESSIONAL	125	2.1	7	22.23	20	Gold		•		•	0	0				DRY	125mm Grinder, Cutter	A-84159
	RANGE	180	2.3	7	25.4	22.23	Gold		•		•	0	0				DRY	180mm Grinder, Cutter	A-84165
	**	230	2.6	7	22.23	-	Gold		•		•	0	0				DRY	230mm Grinder	A-84171
		230	2.3	7	22.23	-	Silver		•		•	•	0				DRY	230mm Grinder	B-01806
	ALL DE LA CONTRACTOR DE	D	т	х	н	d	COLOUR		MATER	IAL: S	PECIALI	Y SUITA	ABLE	SUI	TABLE		DRY/WET	SUITABLE FOR	PART NO.
								1	2	3	4	5	6	7	8	9			
	A.	105	2.2	7	22.23	20	Blue	•	•		•						DRY	115mm (Gr), 110mm (Cu)	A-02347
	PROFESSIONAL	105	2.0	7	20	16	Gold	•	•		•	0	0				DRY	100mm (Gr), 110mm (Cu)	A-84040
	RANGE	115	2.3	7	22.23	-	Gold	•	•		•	0	0	•			WET	110mm Cutter	B-02836
	**	180	2.9	7	22.23	-	Gold	•	•		•	0	0				DRY	230mm Grinder	A-84084
The best wheel for high speed cutting speed in granite.  Applicable for professional users including stone-masons. Can be used with reinforced.										inforced (	concrete.								
6	***				Τ	Π.Ι.			MATERI	AL: S	PECIALL	Y SUITA	BLE	SUI1	TABLE				

connet **PREMIUM** 

RANGE

n l	_	v		a.	COLOUR		MATERI	AL: 🏓 S	PECIAL	LY SUIT	ABLE	<mark>O</mark> SUI	TABLE		DDV/WET		
١٠	'	Α.		a	COLOUR	1	2	3	4	5	6	7	8	9	DRY/WET	SUITABLE FOR	PART NO.
115	2.4	7	22.23	-	Blue	•	•	•	0	•					WET / DRY	115mm Grinder	B-12980
175	2.4	7	22.23	-	Blue	•	•	•	0	•					WET / DRY	180mm Grinder	B-13013
230	2.4	8	22.23	-	Blue	•	•	•	0	•					WET / DRY	230mm Grinder	B-13035

MATERIAL: SPECIALLY SUITABLE SUITABLE DRY/WET SUITABLE FOR

### **Continuous rim**

Has layer of diamond with uniform thickness around the entire rim. Can maintain clean surface even on crusty, brittle materials. Cuts with accuracy but not as fast as segment type wheel



		ח	т т	l X	I H	d	COLOUR										DRY/WEI	SUITABLE FUR	PART NO.
S	Peniste		'	^	"	ď	2020011	1	2	3	4	5	6	7	8	9			
TILES	11 100	76	1.4	7	10		Purple							•			DRY	DMC300	D-77263
F	PROFESSIONAL	80	8.0	3	15	-	Silver							•	•		WET	CC301D	792296-4
	RANGE	105	1.6	5	20	16	Gold					0		•			DRY	100mm (Gr), 110mm (Cu)	A-89012
	**	115	1.6	5	22.23	-	Gold					0		•			WET	115mm Grinder	A-89028
										_									
TILES	Paside	D	Т	х	н	d	COLOUR	MAT	ERIAL:	SPE	CIALL	LY SUIT	ABLE	IOS	UITAI	BLE	DRY/WET	SUITABLE FOR	PART NO.
F.	ENTRY LEVEL							1	2	3	4	5	6	7	8	9			
	ENIRT LEVEL	110	1.6	5	20		Gold		•		•	0		0			WET	110mm Cutter	D-05212
RB																			
/ MARBLE		D	т	x	н	d	COLOUR	MA <sup>°</sup>	ΓERIAL	: • SP	ECIAL	LY SUI	TABLE	10	SUITA	ABLE	DRY/WET	SUITABLE FOR	PART NO.
			'	^	"	ŭ	C020011	1	2	3	4	5	6	7	8	9			PART NO.
CONCRETE	Name of the last	110	1.5	4	20		Gold	0	•		•	0	0	•			WET	110mm Cutter	A-81131
) N	PROFESSIONAL RANGE	110	1.5	4	20		Gold	0	•		•	0	0	•			WET	110mm Cutter	A-07185
2	**	180	1.85	4	25		Gold	0	•		•	0	0	•			WET	180mm Cutter	A-80117
		180	1.85	4	25.4		Gold	0	•		•	0	0	•			WET	180mm Cutter	A-87161



CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

B-13203

B-13219

WET / DRY 180mm Grinder

WET / DRY 230mm Grinder

Specialize	d C lely u	)ia sed i	I <b>M</b> in al	<b>ION</b> (	d V ructio	Vhe (	<b>≥</b>   . ⁄hen	– F	OI ng ti	<b>r P</b> les or	Or(	<b>cela</b> rs and	wa	n T	ile	2		
Entry Level Range	D	т	х	н	Ring (mm)	COLOUR	M <i>I</i> 1	ATERIA 2	AL: •	SPECIA 4	LLY SU	ITABLE 6	109 7	SUITAI 8	BLE 9	DRY/WET		PART NO.
Entry Level Range	105 115	1.4 1.4	10 10	20 22.23	16	Purple Purple									•	WET/DRY DRY	100mm Grinders / 110mm cutters	■ D-76299 D-65109
• HIGH S		HIPP	ING	V	Vide	ely us n lay	ing	, ti	les	s or	ı fl	oor		tior	diation			

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Diamond Blade For X-Lock Grinders**

- High Durability and High Quality
- Segmented Rim
- Suitable for Cordless X-lock Grinders Grinders (Also compatible with conventional angle grinders)
- Ideal for Concrete, Granite, Marble

175

1.5 5 22.23

230 1.5 5 22.23 - Silver

- Silver





X-Lock fitting just one click to attach the accessories and easy removal just simply pull the lever

D	т	х	н	d	Color	For Material	For Model	Part No.
125				22.23	Green	Concrete Crenite Marble	DGA519	E-02076
115				22.23	Green	Concrete, Granite, Marble	DGA469	E-02060

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

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MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

### Specialized Diamond Wheel - For Power Cutter

### A - Ideal for cordless power cutter

High Durability and High Quality diamond wheel with even pattern placement of diamond grits

- The grit arrangement provides sharp cutting edge constantly.
- Segmented and Wet & Dry



### B - DiaDuran - Long Last runners blades

DiaDuran blades have an enormous cutting capacity and thanks to a patented micro-fusion process have a much longer lifetime than diamond blades manufactured with conventional sintering techniques



#### C- Quasar premium Cosmos diamond blade

- 3D Grid diamond blade
- Available with Stealth technology giving ultimate vibration and noise dampening for the best feel or with a reinforced centre and cooling holes for a fast and comfortable cut. Laser welded, wet and dry use.









	_		_			-									_	
D	т	х	н	D	COLOR				MATE	RIAL	S			FOR MODEL	TYPE	PART NO.
		^	"		COLOR	1	2	3	4	5	6	7 8	9	FOR MODEL		PART NO.
230	3.2	13	22.23	-	Green	•	•		•	0				DCE090	A	E-02967
300	2.8	5	25.4	20	Silver	0	•		•	•				EK6100, EK7650H	-	A-86773
305	2.8	6.5	25.4	20	Silver	0	•		•	•				EK6100, EK7650H	-	A-89349
305	3.0	7.5	30	*	Blue		•		•	•	0			EK6100 / 4112HS, EK7650H	-	A-02490
350	3.2	5	25.4	20	Silver	0	•		•	•				EK7301, EK7651H	-	A-87317
350	2.88	6	25.4	-	White	Aspl	nalt							EK7301, EK7651H	-	966244011
350	3.0	-	25.4	-	Green	Long	g life i	n abra	sive n	nateri	ials			EK7301, EK7651H	-	966244030
350	3.3	7	25.4	-	Silver	Cond	rete,	Stone	, Brick	(				EK7301, EK7651H	В	966344020
350	3.0	6.5	25.4		Silver	Aspl	nalt							EK7301, EK7651H	В	966344010
355	2.8	10	25.4	-	Green	•	•		•	0				CE001G, CE002G, EK7301, EK7651H	А	E-12996
400	3.0	12	25.4	20	Red	•	•	•	•	•	•			EK8100	С	B-13471

<sup>\* 20, 22.23, 25.4 (</sup>Ring size)

### **Diamond Wheel for Rescue Operation**

A - Vacuum Brazed Rescue Blade

These diamond blades are used for rescue operation and can cuts various materials.

- Vacuum brazed diamond wheels are high durable and long-lasting.
- Extremely suitable for demolition work.





D	т	х	н	d	Color				For I	Vlate	rial					
				_	-	1	2	3	4	5	6	7	8	9	For Model	Part No.
230	3.1	4	22.23	-	RED	0	0	0	0	0	0	0	0	0	230mm Grinder & Power Cutter	B-55326
350	3.4	4	25.4	20	RED	0	0	0	0	0	0	0	0	0	355mm Power Cutter	B-55348

### Diamond Blade For Wall Chaser

																		S. manual
D	т	x x	н	d	Color			١	For N	later	ial							
		, ,	"			1	2	3	4	5	6	7	8	9	For Model			Part No.
150	2.4	7	22.23	-	Black		•	•		•	•				SG150	Segmented	DRY	P-22311
125	2	7.5	22.23	-	Blue		•	•		0	0				SG1251J	Segmented	DRY	A-80438

HAND TOOLS / COMBINATION SET

## Offset diamond wheel for Grinders / Concrete Planers

																DRILLING
	Application	D	Т	х	н	d	Color	1	F 2	or M	lateri   4		6	For Model	Part No.	/ FIXING
	Rough Work - Single Layer type	115	8	5	22.23	-	Gold	0	•		0	0	0	115mm, 125mm Grinders	D-60676	CONCRETE DRILLING / DEMOLITION
	Fine Work - Corrugated	100	8	5	16	_	Gold					0	0	100mm Grinders	D-62337	MIXING / STIRRING
THE PARTY OF THE P	(Turbo) Type															CUTTING (CONCRETE / METAL)
	Fine Work - For general use - Turbo Type	105	10	5	22.23	-	Gold	0	•		0	0	0	115mm, 125mm Grinders	B-44993	GRINDING
	Rough Work - For coarse grinding work - Single Type	105	4	8	22.23	-	Silver	0	•		0	0	0	115mm, 125mm Grinders	B-14629	SANDING / POLISHING
	Fine Work - For fine finishing - Rim type	125	13.5	4	22.23	-	Gold	•	•		•	0	0	PC5000, PC5001C PC5010C 125mm Grinders	B-12289	SAWING
	Standard Work															MULTI-TOOL
	<ul><li>For coarse grinding work</li><li>For removing paint</li><li>Double Type</li></ul>	125	8	5	22.23	-	Gold	•	•		•	0	0	PC5000, PC5001C PC5010C	B-12295	ROUTERS / PLANERS
0	Rough work - Double Type	125		5	22.23	-	Gold	•	•		•	0	0	PC5000, PC5001C PC5010C	■ D-41458	NAILERS / STAPLERS
	Fine work - Rim type	125		4	22.23	-	Gold	•	•		•	0	0	PC5000, PC5001C PC5010C	■ D-41464	HEAT GUN / LASER
	Rough work															CLEANING
	- Single type	180	8	5	22.23	-	Silver	0	•		0	0	0	180mm Grinder	D-62290	OPE
	Standard Work - Double type - Stable work	180	8	5	22.23	-	Silver	•	•		•	0	0	180mm Grinder	D-62321	JOBSITE TOOLS
	Fine work - Turbo type															SPECIALTY TOOLS
The same of the sa	<ul><li>Dust removal</li><li>Stable work, easy to grind the corners</li></ul>	180	8	5	22.23	-	Silver					0	0	180mm Grinder	D-62359	HAND TOOLS / COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### PCD Offset diamond wheel for Grinders / Concrete Planers

< Difference with the normal offset diamond >







It just scratched the surface and couldn't remove the paint film.

	Application						6.1			For M	ater	ial			
	Аррисации	D	T	Х	Н	d	Color	1	2	3	4	5	6	For Model	Part No.
	PCD Offset For removal of polyurethane, adhesive, paint, epoxy and acrylic coatings	125			22.23	-	Black							PC5000C/5001C PC5010C or 125mm Grinders (with SJS, SJS II or Soft start)	B-53160
₩	PCD Offset For removal of polyurethane, adhesive, paint, epoxy and acrylic coatings	180			22.23	-	Black							180mm Grinders (with SJS, SJS II or Soft start)	B-53176





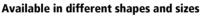


Туре	(H)Outer Dia	(D)Hole Dia	Part No.
Ring 20	22.23mm	20mm	A-85248

### Vacuum Brazed Diamond Core Bit For Grinders

- Used with high speed angle grinders.
- Suitable for quick drilling.
- Material : Granite/Marble/Porcelain Tile













Dia	Spindle Thread	Type	Material	Part no
5mm				D-61064
6mm				D-61070
8mm				D-61086
10mm				D-61092
12mm				D-61101
14mm				D-44432
16mm				D-44448
20mm	M14	Dry	For Granite /	D-44454
22mm		,	Marble / Tile	D-44460
25mm				D-44476
27mm				D-44482
30mm				D-44498
32mm				D-44507
35mm				D-44513
38mm				D-44529
40mm				D-44535

## **Abrasive Wheel Label**



Lot number and validity: on washer (If it is not on washer, it will be on the label)

### Point 1: The icon indicates application of the wheel

	For metal	For INOX	For Masonry
Grinding			
Cutting			The state of the s
Cutting for portable cut-off		_	_
Cutting for power cutter		_	

			and the second second	
Doint 2: The co	dour indicator t	he material for wh	rich the whee	I can be used
PUIIIL ZI THE LU	nvui illuicaces c	HE IIIQLEIIQI IVI WI	nch the whee	II CAII DE USEU

I OIIIC ZI	Fount 2. The colour indicates the material for which the wheel can be used							
	For mo	For metal For INOX		For Masonry				
Colour	Blue	2	Oran	ge	C	ireen		
Label Design	Old label	New label	Old label	New label	Old label	New label		

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

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CUTTING (CONCRETE / METAL)

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JOBSITE TOOLS

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SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### Point 3: How to read the specs



### Wheel Type

T27: Depressed center - Grinding Wheel T42: Depressed center - Cutting Wheel

T41: Flat center - Cutting Wheel





### Aluminum Oxide Group (mainly for metal & INOX)

Brown Fused Aluminum: A The most common abrasive material for metal.



Single Aluminum Oxide: SA

Single crystal abrasive material with high tenacity. Higher durability and grinding/cutting performance than A.



White Aluminum Oxide: WA

High purity abrasive material, eliminated extraneous elements from A. Higher grinding and cutting performance than A.



Alumina Zirconium: Z Extremely sharp and hard abrasive material. Grinding/cutting performance than SA.









### Hardness of grinding wheel

Closer to A, soft grinding wheel Closer to Z, hard grinding wheel Soft grinding wheel ▶ Hard work piece Hard grinding wheel ▶ Soft work piece

Very Soft	Soft	Middle	Hard	Very Hard
A - G	Н - К	L-0	P - S	T - Z



### Type of Bond

BF: Reinforced resinoid bond V : Vitrified bond



Easy installing and removing the accessories in one step Improve your work efficiency and work environment!





- Abrasive Grinding and Thin Cutting wheel for X-Lock Grinders

- No burn mark and burr

1.2mm Thickness
(for thin
cutting wheels)

- Less Vibration





X-LOCK mechanism ensures that the accessory is properly mounted to the tool without a nut, flange or spanner and cannot be mounted incorrectly. 115mm and 125mm X-lock wheels are also compatible with conventional angle grinders

### **X-Lock Thin Cutting Wheels**

Size (mm)	Grit	Max. RPM	Unit per carton	Part No.
115×1.2×22.23	A60T Inox - Mild Steel	13,300	50	E-00387
125×1.2×22.23	A60T Inox - Mild Steel	12,250	50	E-00418

X-Lock Depressed Center Grinding Wheels

Size (mm)	Grit	Max. RPM	Unit per carton	Part No.
115×6.0×22.23	A36P - Metal	13,300	25	E-00365
125×6.0×22.23	A36P - Metal	12,250	25	E-00393

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

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MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

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TOOLS

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HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM









Size (mm)	Grit	Package type	Unit per carton	Max. RPM	Part No.
100 x1.0 x 16mm	Inox A60U		40	15,300	■ E-03028
115 x 1.0 x 22.23mm	Inox A60U		50	13,300	■ E-03034
125 x 1.0 x 22.23mm	Inox A60U	10pcs Shrink	50	12,250	■ E-03040
150 x 1.6 x 22.23mm	Inox A60U	Wrapped wheels	40	10,200	■ E-13742
180 x 1.6 x 22.23mm	Inox A60U		40	8,300	■ E-13758
230 x 1.9 x 22.23mm	Inox A60U		40	6,650	■ E-13764

## Flat Center Thin Cutting Wheels - B-series

Size (mm)	Grit	Package type	Unit per carton	Max. RPM	Part No.
100 x1.0x16mm	Inox A60T		40	15,300	B-12201
115x1.0x22.23mm	Inox A60T	10pcs Shrink Wrapped wheels	50	13,300	B-12217
150x1.6x22.23mm	Inox A60T		40	10,200	B-12251
180x1.6x22.23mm	Inox A60T		40	8,300	B-12267
230x1.9x22.23mm	Inox A60T		40	6,650	B-12273

### **Flat Center Thin Cutting Wheels - D-series**

### Application/ Recommended Use

- Higher cutting speeds, up to 2-3 times faster than 3mm thin wheels.
- Reduced wastage of work materials.
- No discoloration (rust) around stainless steel cutting edge.

Size (mm)		Grit	Max. RPM	Unit per carton	Part No.
100 x 1.0 x 16	Nutch	WA60T	15,280	100	D-18758
115 x 1.2 x 22.23	THE REAL PROPERTY.	WA60T	13,290	100	D-18764
125 x 1.2 x 22.23	25	WA60T	12,200	100	D-18770
180 x 2.0 x 22.23		WA36R	8,600	50	D-18786
230 x 2.0 x 22.23		WA36R	6,600	50	D-18792

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

### **Depressed Center Cutting Wheel (D-series)**

A30S: For Metal

Size (mm)		Grit	Max. RPM	Unit per carton	Part No.
100 x 3.0 x 16.00	MALIE		15,280	25	D-18552
115 x 3.0 x 22.23	TOTAL SERVICE		13,290	25	D-18568
125 x 3.0 x 22.23		A30S	12,200	25	D-18574
180 x 3.0 x 22.23			8,600	25	D-18580
230 x 3.0 x 22.23	all a		6,600	25	D-18596

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Depressed Center Cutting Wheel (A/B-series)**

A30T: For Metal

• For fast, clean cuts, notching and slotting

Size (mm)		Grit	Max. RPM	Unit per carton	Part No.
100 x 3.0 x 16.00			13,690	25	A-83587
115 x 3.0 x 22.23			13,290	40	A-83593
125 x 3.0 x 22.23	25		12,250	40	A-83602
150 x 3.0 x 22.23		A30T	10,190	15	B-05050
180 x 3.0 x 22.23	WILLIAM TO THE PARTY OF THE PAR		8,500	15	A-83618
230 x 3.0 x 22.23			6,650	15	B-62913

### **Depressed Center Grinding Wheel (D-series)**



A24R: For Metal

Size (mm)	Grit	Max. RPM	Unit per carton	Part No.
115 x 6.0 x 22.23	A24R	13,290	25	D-18459
125 x 6.0 x 22.23	A24R	12,250	25	D-18465

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Depressed Center Grinding Wheel (A-series)**

A36P: For metal

WA36N / WA36O : For stainless steel

• For metal polishing and general flat grinding

Size (mm)		Grit	Max. RPM	Unit per carton	Part No.
100 x 6.0 x 16.00		WA36N	13,690	25	A-80852
115 x 6.0 x 22.23		WA36N	13,300	25	A-80640
125 x 6.0 x 22.23	The Auto	WA36N	12,250	25	A-80656
180 x 6.0 x 22.23		WA360	8,500	10	A-80880
230 x 6.0 x 22.23	# F	WA36N	6,600	10	A-80896
100 x 6.0 x 16.00	<b>新</b>	A36P	13,690	25	A-80911
115 x 6.0 x 22.23		A36P	13,290	25	A-80927
125 x 6.0 x 22.23	MIII	A36P	12,250	25	A-80933
150 x 6.0 x 22.23		A36P	10,190	10	A-84981
180 x 6.0 x 22.23		A36P	8,500	10	A-80949
230 x 6.0 x 22.23		A36P	6,650	10	A-80955

### Abrasive cut-off wheel (for Portable Cut-off)

- 3mm thickness
- For all ferrous materials Steel, Cast iron and other hard metals



Size (mm)	Grit	Pc Per Pkg	Max. RPM	Part No.
305 x 3.0 x 25.4	A36P	25	4,500	A-87650-25
355 x 3.0 x 25.4	A36T	25	3,900	E-10540-25
355 x 3.0 x 25.4	A36P	25	3,900	A-87672-25
405 x 3.0 x 25.4	A36P	25	3,380	A-87694-25

### Abrasive cut-off wheel (For power cutter)

• Always ensure the max RPM of the wheel matches the power cutter



Size (mm)	Grit	Max. RPM	Pcs / Pkg	Part No.
230 x 3.0 x 22.23	Metal	6650 min <sup>-1</sup>	1	B-62913
300 x 3.5 x 20 mm	Metal	5100 min <sup>-1</sup>	1	B-70792
350 x 4.0 x 25.4 mm	Metal	5500 min <sup>-1</sup>	1	B-70839
350 x 4.0 x 25.4 mm	Stone	5500 min <sup>-1</sup>	1	B-70823
355 x 4.3 x 25.4 mm	Metal	5500 min <sup>-1</sup>	5pcs set	■ E-12790-5







AA: Recommended A: Acceptable

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **Material Chart**

Description of Grit Material	Aluminum oxide	Zirconia aluminum	Silicon carbide
Description of label color	Best for metal	Best for INOX and metal	Best for Masonry
Wood	А		
Plastic	А		
Metal	AA	AA	
No ferrous	А	А	
INOX STAPLESS NAMES OF THE PROPERTY OF THE PRO		AA	
Masonry			AA

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

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TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Flap Disc Series**

#### Material - Zirconia Aluminium:

For sanding and grinding metals and stainless steel. Sands flat, contoured or curved surfaces like a sanding disc.

5				Z		STAPILESS METAL INOX INOX INOX	OPTIONAL  Cu Ni Ms Zn
Grit	Dia. (mm)	Grain	Application	Backing tyoe	Backing Shape	Part No. P-Series	Part No. D-Series
Z 36							D-27420
Z 40							D-27436
Z 60	115 (4-1/2")						D-27442
Z 80	,						D-27458
Z 120							D-27464
Z 36		Zirconia Aluminium		S	Angled		D-27470
Z 40		lumi	Stainless Steel	Fiber Glass	An		D-27486
Z 60	125 (5")	nia A	nless	-iber			D-27492
Z 80	, ,	Zirco	Sta	A	1//		D-27501
Z 120							D-27517
Z 36							D-27523
Z 40						P-39182	D-27539
Z 60	180 (7")						D-27545
Z 80	,						D-27551
Z 120							D-27567

Material-Silicon Carbide: Effective for sanding brick, stone & concrete.

						BEST				
Grit	Dia. (mm)	Grain	Application	Backing tyoe	Backing Shape	Part No				
C 36						D-28020				
C 40						D-28036				
C 60	115					D-28042				
C 80						D-28058				
C 120										D-28064
C 36						D-28070				
C 40		oide		lass	Flat	D-28086				
C 60	125	Silicon Carbide	Masonry	Fiber Glass	<i>177</i>	D-28092				
C 80		licon	Ma	走		D-28101				
C 120		S				D-28117				
C 120	170					P-39350				
C 36						D-28123				
C 40						D-28139				
C 60	180					D-28145				
C 80							D-28151			
C 120						D-28167				

Material-Aluminium Oxide: For sanding metal, plastic, wood & steel.

Zirconia Aluminium: Suitable for grind	ling general steel, stainless steel	,
removing burrs and welding marks, cham	fering, removing rust and	
paint, etc.		
- AND STREET,	BEST	c

paint, etc.																																								
		Z		STAINLESS NOX MROSTA	OPTIONAL Cu Ni Ms Zn				B	EEST	OPTIONAL																													
Grit	Dia. (mm)	Grain Application	Backing tyoe	Backing Shape	Part No	Grit	Dia. (mm)	Grain Application	Backing tyoe	Backing Shape	PLASTIC WOOD Zn																													
Z40					D-74142		()	P G	ğ ğ	BB -K																														
Z60	100				D-74158	A 36					D-27028																													
Z80	100				D-74164	A 40					D-27034																													
Z120					D-74170	A 60	115				D-27040																													
Z40									D-74186	A 80					D-27056																									
Z60	115		Flat	Flat	D-74192	A 120					D-27062																													
Z80	115	E	/ gui		D-74201	A 36		xide	slass	-0	D-27078																													
Z120		niniu Steel	Back		D-74217	A 40		nium C Steel	Fiber Glass	Angled	D-27084																													
Z40		Alun	ilass I	lass l	Fibre Glass Backing / Flat	ilass I		D-74223	A 60	125	Aluminium Oxide Steel	iII	₹	D-27090																										
Z60	125	Zirconia Aluminium Stainless Steel	bre (																															D-74239	A 80		Alu		100	D-27109
Z80	125	Zirc	i <u>⊏</u>		D-74245	A 120				The same of the sa	D-27115																													
Z120					D-74251	A 36					D-27121																													
Z40					D-74267	A 40					D-27137																													
Z60	100				D-74273	A 60	180				D-27143																													
Z80	180				D-74289	A 80					D-27159																													
Z120					D-74295	A 120					D-27165																													

### **Industrial Flap Disc for Heavy Duty**



#### Material - Zirconia Aluminium:

For sanding and grinding metals and stainless steel. Sands flat, contoured or curved surfaces like a sanding disc.

High efficiency & Long life. Suitable for Industry use.

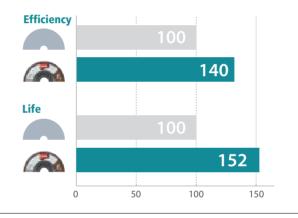
For Applications BETTER BEST Part No. Grit Z 40 B-55603 Fiber Glass Z 60 B-55619 115 Z 80 B-55625 (4-1/2")Z 120 B-55631

### **Feature**

- High efficiency.
- Long life.
- Suitable for industrial work site such as dockyard, metal working place and other heavy duty applications.
- High-speed Grinding with high-power grinder.
- Remove the rust and burrs.







DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Rubber Pad & Locknut for Angle Grinder**





			Rubber pac	d	Sandi	ng lock nut	Lock nut	wrench
Wheel szie	Spindle thread <sup>-</sup>	Size	Max. RPM	Part No.	Size	Part No.	Size	Part No.
9500N	M10 x 2.5	76mm	13700rpm	743009-6	30	224501-6	20	782401-1
115mm	M14 x 2 (DIN)	100mm	12000rpm	743036-3	48	224515-5	28/35	782412-6, 782424-9 / 782407-9, 782423-1
125mm	M14 x 2 (DIN)	115mm	12000rpm	743015-1	48	224515-5	28/35	782412-6, 782424-9 / 782407-9, 782423-1
150mm	M14 x 2 (DIN)	125mm	10950rpm	743016-9	48	224515-5	28/35	782412-6, 782424-9 / 782407-9, 782423-1
180 - 230mm	M14 x 2 (DIN)	170mm	8500rpm	743012-7	48	224515-5	28/35	782412-6 / 782407-9
180mm - 230mm	M16	170mm	8500rpm	743012-7	48	224523-6	28/35	782412-6 / 782407-9

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

### **Abrasive Disc**

For stone and plastics.



Outer Diameter (mm)	Grit	Pc Per Pkg	Max. RPM	Part No.
	C24	10	13,700	794065-9
	C30	10	13,700	794066-7
100	C50	10	13,700	794067-5
100	C80	10	13,700	794068-3
	C100	10	13,700	794227-9
	C120	10	13,700	794069-1
	C24	10	11,950	794104-5
	C30	10	11,950	794105-3
115	C50	10	11,950	794106-1
	C80	10	11,950	794107-9
	C120	10	11,950	794108-7
	C24	10	11,000	794096-8
	C30	10	11,000	794097-6
125	C50	10	11,000	794098-4
	C80	10	11,000	794099-2
	C120	10	11,000	794100-3

Outer Diameter (mm)	Grit	Pc Per Pkg	Max. RPM	Part No.
	C24	10	9,200	794070-6
	C30	10	9,200	794071-4
150	C50	10	9,200	794072-2
150	C80	10	9,200	794073-0
	C120	10	9,200	794074-8
	C16	10	7,600	794091-8
	C20	10	7,600	794092-6
	C24	10	7,600	794093-4
	C30	10	7,600	794218-0
180	C50	10	7,600	794094-2
100	C80	10	7,600	794095-0
	C100	10	7,600	794220-3
	C120	10	7,600	794221-1
For wood	, iron and ste	el		
	20	5	-	P-01074
178	50	5	-	P-01068
	80	5	-	P-01080

### **Safety Flanges**

Makita recommends the use of SAFETY FLANGES when using flat abrasive cutting wheels with large angle grinders. The safety flanges are larger in diameter compared to the standard flanges supplied with the machines. The larger diameter safety flanges offer greater support to the flat abrasive cutting wheels, thereby reducing the risks of wheel damage and ensuring operator safety.

We strongly recommend to use these flanges with the Thin Metal Cutting Wheels of sizes 180mm and 230mm

#### **Main Benefits:**

- Drastically reduces wheel breakage
- Straight line cutting due to less flexing
- Cuts a narrow groove due to blades stability
- ✓ Less wheel vibration operator comfort
- Less vibration reduces machine wear
- A: Outer Flange (Use with Lock nut 224543-0) B: Inner Flange

Spindle Thread

M14 X 2 (DIN)



Inner Flange

For`Grinder size

180, 230mm



Outer Flange

Inner Flange

1		E.	
	C		
1		3	

Туре	Part No.	
Outer Flange	224256-3	

224257-1

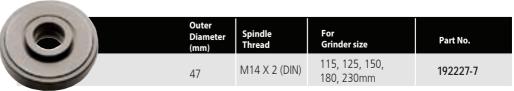
### **Super Flanges**

**Outer Diameter** 

78

For Depressed Center Wheel & Diamond Wheel

Use of the Super Flange makes it easy to remove the Grinding Wheel etc. after grinding operations. The lock nut can be removed with only about one third of the force required to remove a conventional inner flange. The method of installation and use are the same as for the usual inner flange.



SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

### **Safety Guidelines: Abrasive Wheels**

### Do's

Always handle and store all wheels in a very careful manner





- Visually check all wheels for damage or cracks before mounting and using them
- Allow newly mounted wheel to run for 1-min. in a protected area before use



- Always use a machine safety guard and back-up pad if required
- Use mounting flanges that are clean, flat of equal size and proper type
- Use safety flanges when using flat abrasive cutting wheels of 180 / 230mm diameter

2 Make sure machine speed does not exceed the RPM marked on the wheel



Always wear eye protection, protective clothing, safety gloves, and dust mask.



Prevent the dust from scattering by using dust extractors on the grinders to protect operators from respiratory diseases DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **Dont's**



Do not use wheels that have been subjected to excessive humidity, moisture or temperature



Do not exceed the maximum operating speed marked on wheels



Do not stand directly in front of wheel when machine is started

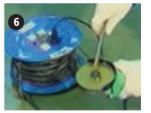
Do not grind or cut without proper protective equipment



Do not use wheels that have been dropped or appear to have been damaged



Do not force a wheel onto the machine or alter the hole size. Do not tighten the mounting nut excessively



Do not grind or cut material for which the wheel is not designed.

Do not use grinding wheel for cutting or notching

CONCRETE DRILLING / DEMOLITION

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JOBSITE TOOLS

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### Wire brush for angle grinder with X-lock - Crimped

• Can be used for heavy duty cleaning of large metal surfaces, rust and paint removal, removal of weld scale and corrosion, surface preparation for painting and welding, auto body finish and repair.

- 0.3mm crimped steel wire
- Suitable for polishing corners.

For Model: A: for 100, 115, 125mm angle grinders (X-LOCK)

Outer Diameter (mm)	Туре	Max. RPM	Part No.
75	А	12,500	D-73396



**X**LOCK

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- For heavy duty professional use
- Strong brushes with the highest safety working standards
- Heavy duty cleaning of large metal surfaces
- Ideal to remove slags rust paint and hard incrustations/layers.
- Knot cup (0.5mm Steel)
- 0.3mm crimped steel wire
- •Suitable for polishingcpinpoint corners

For Model A: for 115, 125mm Angle grinders (X-LOCK)

Outer Diameter (mm)	Type	Max. RPM	Part No.
115	А	12,500	D-73405



**X**LOCK

### **Wire Cup Brush - Crimped Wire D- Series**

- Ideal for flat surfaces, edges, light rust removal.
- 0.3mm crimped steel wire

A: for 100mm angle grinder B: for 115, 125, 150mm angle grinder C: for 180mm, 230mm angle grinder



Outer Diameter (mm)	Spindle Thread	Type	Max. RPM	Part No.
60	M10 x 1.5	А	12,500	D-24066
60	M14 x 2	В	12,500	D-24072
75	M10 x 1.5	А	12,500	D-24088
75	M14 x 2	В	12,500	D-24094
75	M10 x 1.5	А	12,500	794162-1
110	M16 x 2	C	9,000	794325-9

### Wire Cup Brush - Twisted (Knotted wire)

- Can be used for heavy duty cleaning of large metal surfaces, rust and paint removal, removal of weld scale and corrosion, surface preparation for painting and welding, auto body finish and repair.
- 0.3mm crimped steel wire

For Model:

A: M10: for 100mm angle grinder

**B**: M14: for 115, 125, 150mm angle grinder

Outer Diameter (mm)	Spindle Thread	Туре	Max. RPM	Part No.
60	M10 x 1.5	А	12,500	D-24103
60	M14 x 2	В	12,500	D-24119
75	M10 x 1.5	А	12,500	D-24125
75	M14 x 2	В	12,500	D-24131

### Wire Cup Brush - Twisted with metal cover (Knotted wire)

- Can be used for heavy duty cleaning of large metal surfaces, rust and paint removal, removal of weld scale and corrosion, surface preparation for painting and welding, auto body finish and repair.
- 0.3mm crimped steel wire

For Model:

A: M10: for 100mm angle grinder

**B**: M14: for 115, 125, 150mm angle grinder

0	Outer Diameter (mm)	Spindle Thread	Туре	Max. RPM	Part No.
	60	M10 x 1.5	А	12,500	D-24147
	60	M14 x 2	В	12,500	D-24153

### Wire Cup Brush (Crimped Cup) T-series

• For heavy duty professional use

 Suitable for wood, paint, rust removal & many other applications.

• 0.5mm knotted steel wire For Model: **A:** 115, 125mm **B:** 180mm **C:** 180, 230mm

Outer Diameter (mm)	Spindle Thread	Туре	Max. RPM	Part No.
100	M14 -5/8"-11	В	8,500	T-02004
120	M14 -5/8"-11	C	8,500	T-02010

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

### Wire Cup Brush (Twisted) P-series

• For heavy duty professional use

• Strong brushes with the highest safety working standards

• Heavy duty cleaning of large metal surfaces

• Ideal to remove slags rust paint and hard incrustations/layers.

• Knot cup (0.5mm Steel) For Model: **A:** 115, 125mm





Outer Diameter (mm)	Spindle Thread	Туре	Max. RPM	Part No.
75	M14-5/8"-11	А	12,500	P-04488
85	M14-5/8"-11	В	8,500	P-04472

CUTTING (CONCRETE / METAL)

·

GRINDING

SANDING / POLISHING

### **Wire Bevel Cup Brush (Twisted) P-series**

• For heavy duty professional use

• Strong brushes with the highest safety working standards

• Heavy duty cleaning of large metal surfaces

• Ideal to remove slags rust paint and hard incrustations/layers.

• Knot cup (0.5mm Steel)

For Model: **A**: 115, 125mm



Outer Diameter (mm)	Spindle Thread	Type	Max. RPM	Part No.
95	M14-5/8"-11	-	12,500	P-04494

## **Mounted Flap Wheel**

Grinding and finishing for various materials and applications

Ideal accessory for hard-to-access areas such as the internal of irregular shape.

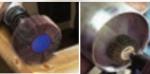
**Application for various materials** 

surfaces of pipes, cylinders, moulds, curved surfaces and parts
Suitable for Die Grinders GD0810C and GD0811C or with the die
grinders which has lesser RPM than the mounted flap wheels

Suitable for Driver Drill and Percussion Driver Drill with aluminium gear housing (Cannot be used with a drill that uses resin housing)

Dia	Length	Shank	Grit	RPM	Pcs /Pkg	Part no			
			A40	15,300	14	D-75219			
50mm	30mm	6mm	A60	15,300	14	D-75225			
	30111111	3011111	A80	15,300	14	D-75231			
			A120	15,300	14	D-75247			
	60mm 30mm					A40	12,750	10	D-75253
60mm		6mm	A60	12,750	10	D-75269			
OOMMIN			A80	12,750	10	D-75275			
			A120	12,750	10	D-75281			





WOOD

PIPE





**PVC** 

90° ANGLE CURVED SURFACE

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

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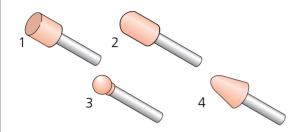
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Wheel point for Die Grinders**

For model: 906H, GD0600, GD0602, GD0800C, GD0810C, DGD800, GD0603

### Abrasive material

A: To grind mild steel, carbon steel, etc. WA: To grind hardened and special steels.



No.	Wheel Dia.(mm)	Shank Size(mm)	Abrasive Material	Pc/Pkg	Part No.
1	5	3	А	10	794050-2
1	6	3	А	10	794051-0
1	8	3	А	10	794052-8
1	10	3	А	10	794053-6
2	5	3	WA	10	794054-4
2	6	3	WA	10	794055-2
2	8	3	WA	10	794056-0
2	10	3	WA	10	794057-8
3	5	3	А	10	A-23450
3	10	3	А	10	794059-4
1	19	6	WA	1	741614-3
1	19	1/4"	WA	1	741617-7
4	19	6	WA	1	741615-1
4	19	1/4"	WA	1	741616-9

### **Collet Cone for Die Grinders**



For Model	Size	Part No.
903	3mm	763610-1
	1/8"	763626-6
906, 906H,	3mm	763627-4
GD0600, GD0601, GD0603	6mm	763620-8
GD0003	1/4"	763625-8
GD0602, DGD800	6mm	763670-3
	3mm	193011-3
	6mm	193012-1
GD0800C, GD0810C	1/4"	193143-6
	8mm	192988-9
	1/8"	193144-4

### **Collet nut**

For Model	Part No.
906, 906H	763240-8
GD0600, GD0601	763664-8
GD0603	763236-9
GD0602	763668-0
GD0800C,GD0810C	763645-2

## **Dressing Stone**



Thickness mm	Size	Part No.
20.0	180x70mm	794060-9
20.0	150x70mm	794061-7

### **Tungsten Carbide Burrs** for Die Grinders

- i) Clean the burrs on Inox / Metal pipe
- ii) Wipe the welding line between steel plate
- iii) Remove the scar of iron pipe inner side
- iv) Deburr of aluminium product



- Available in different shapes and sizes

- Comes in a pack of 10pcs
- Used on die grinder max speed less than 33,000rpm
- Standard cut burrs quickly remove stock
- Can be used on different metal such as steel, inox





Suitable for Die Grinders models: GD0800C, GD0801C, GD0600, GD0602 Not suitable for 906, 906H, GD0810C / GD0811C

Size	Head Shape	pc /Pkg	Part no
12x25x6mm		10	B-62402-10
12x25x6mm		10	B-62418-10
12x25x6mm		10	B-62424-10
12x28x6mm		10	B-62430-10
12x25x6mm		10	B-62446-10

### **Grinding Wheel for Straight Grinder**

A: Metal



For Model	Size (mm) Dia x Thick x Bore	Grit	Max. RPM	Part No.
9105	125 x 19x12.7	A24P	5,090	741015-5
GS5000	125 x 20x12.7	A24P	5,660	B-33990
933000		A36P	5,660	B-34001
GS6000	150 v 50v12 7	/ ·= ·· - / - · · ·	B-34017	
030000	150 x 50x12.7	A36P	5,660	B-34023

### **Grinding Wheel for Bench Grinder**

A: To grind mild steel, carbon steel, etc. GC: Fine Aluminum, Copper, Brass WA: Metal, Stainless Steel



For Model	Size (mm)	Grit	Max. RPM	Part No.
		A36M	4,250	B-51904
GB602	150 x 16	A60M	4,250	B-51910
		GC120H	4,250	B-51932
	•	WA60K		B-51926
9306S	150 x 6.4	A60M	4,250	A-47195
		A36P		B-51948
	205 x 19	A60P	3,720	B-51954
GB801		GC120H	3,720	B-51976
		WA60K		B-51960
GB600	150 x 19	A36Q	4,200	(GB)6005R
Ороло	150 X 19	A60P	4,200	(GB)6005L
GB601	150 x 25.4	A36Q	4,200	(GB)6105R
10000	150 X 25.4	A60P	4,200	(GB)6105L
GB800	205 x 25.4	A36Q	3,700	(GB)8005R
GDOOO	203 X 23.4	A60P	3,700	(GB)8005L

### Eye shield for bench grinders

For Model	Part No.
GB800	(GB)8050

CONCRETE DRILLING / DEMOLITION

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NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

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JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Dust Cover Attachment**





Suitable for	Туре	Part No.
GA7020, GA7021,GA9020, GA7030/S, GA7040S,GA9030/S, GA9040S	А	194289-1
GA4050/R, GA4550/R, GA5050/R	В	199514-5
PC5010C		198719-4

### **Dust Bag Assembly**

For Concrete planer

- 4	-	
	Trakita.	
100		7
-		

Suitable for	Part No.
PC5000C, PC5001C	122853-8

### **Dust collecting wheel guard for Diamond Cup Wheel**

		Suitable For		Part No.
Α 🧀	В	115, 125mm Angle Grinders with single notche on bearing box & PC5010C	Α	195237-3
43		115, 125mm XGT Angle Grinders and GA4550/R, GA5050/R	Α	191F81-2
1		180mm, 230mm Angle Grinders with tripple notches	В	■ 191X44-6
		Brush Set for diamond cup wheel (For 115	mm , 125n	nm Grinders): <b>196880-1</b>

**Dust collecting wheel guard** 

	Suitable For	Part No.
	N9500N, 9500NB	<b>192212-0</b> to be used with rubber sleeve 192202-3
	100mm Grinders	192475-8
-	115, 125mm Grinders with single notch on bearing box	196846-1
	115, 125mm Grinders with tripple notches on bearing box & PC5010C	196845-3
	115, 125mm XGT Grinders, GA4550/R, GA5050/R	191G06-2
	115, 125mm X-Lock Grinders	191G05-4
	180mm Grinders	194303-3

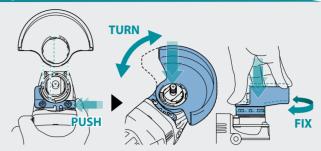
### **Dust Collecting Wheel guard**



Suitable For	Part No.
DGA900 and 230mm angle grinders with twin notches on bearing box	198380-7
GA037G and 180mm angle grinders with tripple notches on bearing box	198514-2
GA038G and 230mm angle grinders with tripple notches on bearing box	198440-5

### New tool-less wheel cover (Slide lever style)

For fast and easy angle adjustment and installation / removal of wheel cover (Currently available for XGT and X-Lock Grinders)



**Wheel guard** 



uitable For	For Model	Bear Type	Туре	Part No.
	N9500N	В		154755-0
	9520B			165171-1
100mm	9553HN, 9556HN, 9556HP	В		125266-2 / 122B50-8
Grinders	GA4030, GA4034, GA4040 GA4040C 9553HN, 9556HN, 9556HP	Α		125885-4
	9563C, 9563HZ			135109-0
	GA4050/R		New Tool Less	347478-9
	9521NB			165053-7
	9564H, 9564C, 9564CV, 9564P,	В		125267-0
115mm Grinders	9554HN, 9557HN, 9557HP	В	Tool Less	135107-4
	GA4530 GA4534 GA4540 GA4540C, 9554HN, 9557HN, 9557HP, 9561CR, 9564H, 9564P, 9564PC, DGA452, DGA454, DGA455, DGA456, DGA458	Α		123098-1
		Α	Tool Less	123144-0
	X-LOCK		New Tool Less	162707-7
	GA004G / 12G / 22G / 28G - XGT, GA4550/R		New Tool Less	347479-7
	9522NB, 9015B			125097-9
125mm	9555HN, 9558HN, 9558HP, 9565HZ, 9562CR, 9565CV/CVL			125268-8
Grinders	GA5010 GA5020 GA5030, GA5040, GA5040C	Α		122887-1
	9555HN, 9558HN, 9558HP, 9558NB, 9562CR, 9565C, 9565CLR, 9565CV 9565CVL 9565H 9565P	Α		123099-9
			Tool Less	135242-8
	X-LOCK		New Tool Less	162708-5
	GA005G / 13G / 23G / 29G - XGT, GA5050/R		New Tool Less	347480-2
450	GA6010	С		135192-7
150mm Grinders	GA036G, GA035G		New Tool Less	347776-1
180mm Grinders	9607HB, GA7001			164825-7
	DGA700, GA7020, GA7030, GA7040S, GA7050, GA7063, GA7064, GA7080, GA7070	Α		122889-7
	GA037G		New Tool Less	127713-9
	9609HB			164814-2
230mm	DGA900 GA9020, GA9030, GA9040S, GA9050, GA9063, GA9064, GA9070, GA9080	Α		122891-0
Grinders	GA038G		New Tool Less	127714-7

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

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CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

CONCRETE DRILLING / DEMOLITION

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JOBSITE TOOLS

SPECIALTY TOOLS **Grip** 





Suitable for	Standard Grip	Rubberized Grip	Anti Vibration Grip
100, 115, 125mm Grinders, GA035G, GA036G	153489-2	158237-4	194514-0
GA4030, GA4034, GA4530, GA4534, GA5010, GA5011, GA6010	153504-2	158237-4	194514-0
9005B, 9005N. N9500N, 9015B, GA7001	152492-0		
GA7050, GA7050R, 9067, GA7020, GA9050, GA9050R, 9069, GA9020	152539-0		162264-5
GA9062, GA7062, GA9063, GA7063, DGA700, DGA900	143846-6		162264-5
GA9030, GA9040S, GA7030, GA7040S, GA0037G, GA0038G	-		162264-5
9005B	273503-9		

### **Lock nut wrench**

• Used with Grinders / Concrete Planers, Wall Chaser



For Model	Size	Part No.
100mm Grinders	20	782420-7
100mm Grinders / PC1100	20	782401-1
115 / 125 / 150mm Grinders	35	782423-1
150 / 180 / 230mm Grinders	35	782407-9
DIN / OLD Type	28	782412-6
PC5000C / PC5001C	35	782426-5

### Wrench

• Used with Die Grinders, Straight Grinders, Cutters, Wall Chaser



For model	Size	Туре	Part No.
	10		781036-5
906 / 906H	17	А	781037-3
GD0600 / GD0602	13		781039-9
GD0800C / GD08010C	13		781203-2

### **Lock nut release socket**

• Used with Grinders

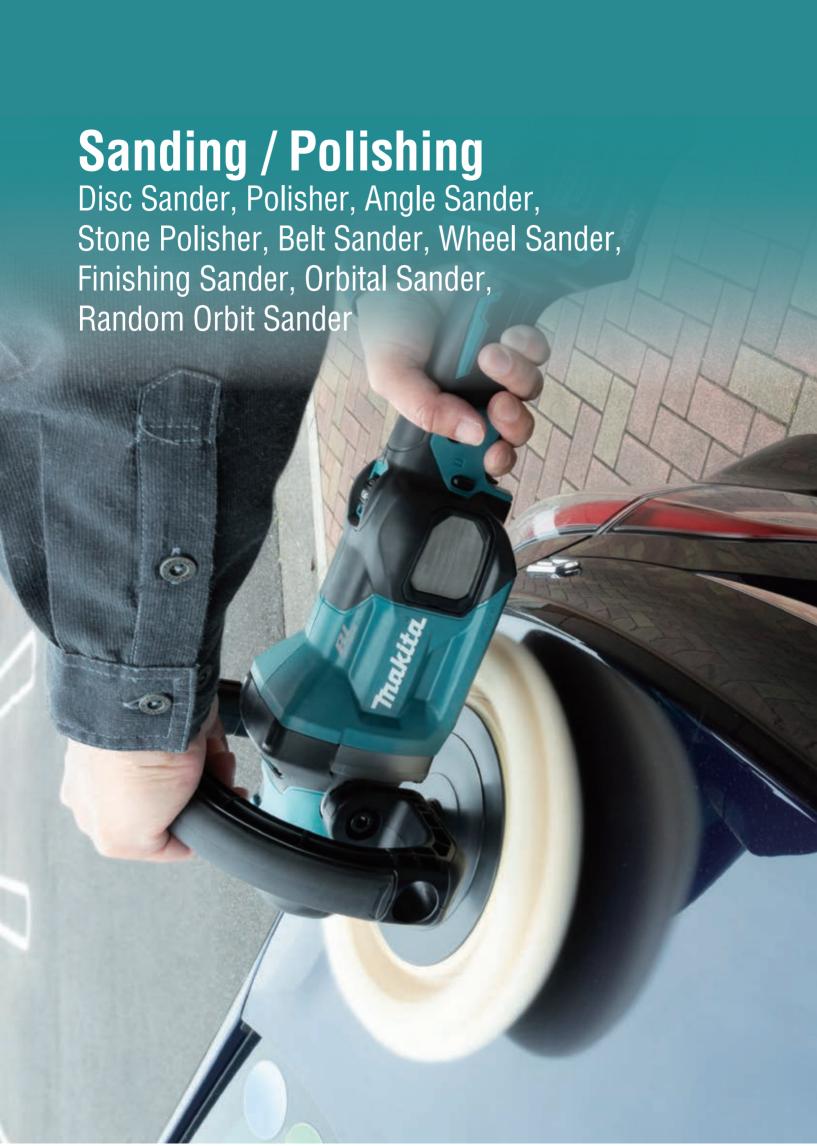


(Square drive :12.7mm)



For Model	Size	Part No.
180 / 230mm Grinders	28	194305-9

HAND TOOLS / COMBINATION SET



## Cordless lineup to cover all polishing applications

DRILLING /

**PV001G: 180 mm 40V MAX XGT** 

DPO600: 150 mm **18V LXT** 

**DPV300:80 mm** 18V I YT

PV301D: 80 mm **12V MAX CXT** 

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

40V MAX | **₹** 

## **PV001G** 180 mm **Cordless Polisher**





#### Ideal for car painting business

- PV001G has a wider constant-speed range than the competing model
- Maintain high rotation speed even under loaded condition by providing even polishing finish.
- · Variable speed control dial with indication of max rotation speed
- Higher max rotation speed: For scratch removal with polishing compound
- · Lower max rotation speed: For polishing curved portions or narrow spaces, or for finish polishina



Capacity	Pad: 180mm
No Load Speed (RPM)	0 - 2,200
Dimensions (L x W x H)	496 x 198 x 196 mm
Net weight	2.3 kg (without battery)

Standard Equipment: Loop Handle, Hex Wrench

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
PV001G M1 INCLUDES 1 BATTERY / 1 CHARGER / / CARRY CASE	PV001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / (CARRYING CASE)

**DPV300** 80-50mm

18V | /LXT

#### Cordless Sander Polishei





## Compact design for comfortable use in narrow work spaces

- Large capacity of 80mm for polishing and 50mm for sanding in compact size body
- 2 speed selection Polishing: 0 2800 and Sanding: 0 9500
- Elastomer bumper on gear housing for work piece protection
- Dust cover minimizes the ingress of wool dust when buffing with a wool pad
- Lock-on switch reduces hand fatigue in long continuous operation
- Trigger lock minimizes accidental start-up during transportation



Pad / Disc Diameter	Twist-On / Twist-Off Style: 50 mm (2")
	Hook & Loop Style: 80 mm (3-1/8")
Backing Pad Diameter	Twist-On / Twist-Off Style: 46 mm (1-13/16")
	Hook & Loop Style: 75 mm (2-15/16")
No Load Speed (RPM)	Polishing: 0 - 2,800 / Sanding: 0 - 9,500
Continuous Use (min.)	w/ BL1850B: 34mins
Head Length	127 mm (5")
Dimensions (L x W x H)	160 x 79 x 256 mm
Net weight	1.6 ka

Standard Equipment: Side Grip

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DPV300 RTJ 2 BATTERIES / 1 CHARGER / CARRY CASE	DPV300 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRYCASE)

#### **DPO600** 150 mm

18V | /LXT

#### Cordless Random Orbit Polisher





#### High power similar to AC tool achieved by High power **Brushless Motor**

• Selectable two rotation mode: normal mode for rough polishing & finishing mode for fine polishing

## **Rough Polishing** Forcible rotation mode Orbital action with forced rotation of the pad for rough polishing such as scratch removal.



**Fine Polishing** Free rotation mode Orbital action with free rotation of the pad for fine polishing

Pad Size	150 mm (6")
Orbits Per Minute (OPM)	Normal mode: 0 - 6,800 / Finishing mode: 0 - 5,300
Strokes Per Minute (SPM)	Normal mode: 0 - 13,600 / Finishing mode: 0 - 10,600
No Load Speed (RPM)	Normal mode: 0 - 780 / Finishing mode: 0 - 610
Orbit Diameter	5.5 mm (7/32")
Dimensions (L x W x H)	530x123x128 mm
Net weight	3.6 kg

Standard Equipment: Rubber pad, grip

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DPO600 RTE 2 BATTERIES / 1 CHARGER / TOOL BAG	DPO600 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR TOOL BAG )

## **PV301D**

12V MAX | (CXT

#### **Cordless Sander Polisher**





### Compact design for comfortable use in narrow work spaces

- Large capacity of 80mm for polishing and 50mm for sanding in compact size body
- 2 speed selection Polishing: 0 2800 and Sanding: 0 9500
- Elastomer bumper on gear housing for work piece protection
- Dust cover minimizes the ingress of wool dust when buffing with a wool pad
- Lock-on switch reduces hand fatigue in long continuous operation
- Trigger lock minimizes accidental start-up during transportation

## SE VO STATE OF THE NEW PARTY OF THE NEW

Pad / Disc Diameter	Twist-On / Twist-Off Style: 50 mm (2")
	Hook & Loop Style: 80 mm (3-1/8")
Backing Pad Diameter	Twist-On / Twist-Off Style: 46 mm (1-13/16")
	Hook & Loop Style: 75 mm (2-15/16")
No Load Speed (RPM)	Polishing: 0 - 2,800 / Sanding: 0 - 9,500
Continuous Use (min.)	w/ BL1041B: 18mins
Head Length	127 mm (5")
Dimensions (L x W x H)	137 x 67 x 231 mm
Net weight	1.2 kg (with 4.0Ah battery)

Standard Equipment: Side Grip

AVAILABLE VARIANTS	
"Z" Version	
PV301D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYCASE)	

## PO6000C 150 mm (6")



#### Random Orbit Polisher





#### Selectable two rotation mode: Random orbit with forced rotation mode for rough polishing & Random orbit mode for fine polishing

- Random orbit with forced rotation mode is orbital action with forced rotation of the pad for rough polishing such as surface treatment
- Random orbit mode is orbital action with free rotation of the pad for fine polishing
- Setting up RPM in the full speed is easy by a variable speed dial



Continuous rating input	900W
Pad Size	150 mm (6")
Orbits Per Minute (OPM)	0 - 6,800
Strokes Per Minute (SPM)	0 - 13,600
No Load Speed (RPM)	0 - 780
Orbit Diameter	5.5 mm (7/32")
Vibration Level	Polishing: 7.0 m/s <sup>2</sup>
Sound Pressure Level	83 dB(A)
Sound Power Level	94 dB(A)
Dimensions (L x W x H)	451x148x126 mm (17-3/4"x5-7/8"x5")
Net weight	2.8 kg (6.2 lbs)
Power supply cord	4.0 m (13.1 ft)

Standard Equipment: Side grip, Hex Wrench

#### 9237CB 180mm (7")



#### **Polisher**





## Loop handle with rubberized soft grip.

- Variable speed control by dial Rotation speed is adjustable to application.
- Vent dust cover of screw-down type prevents ingress of wool fibers.
- Elastomer bumper on gear housing protects a precious surface, such as that of car body, from damage and scratches

## 

Continuous rating input	1,200W
Capacity	Wool Pad: 180 mm (7")
	Wool Bonnet: 180 mm (7")
No Load Speed (RPM)	0 - 3,200
Vibration Level	2.5 m/s² or less
Sound Pressure Level	83 dB(A)
Sound Power Level	94 dB(A)
Dimensions (L x W x H)	431x198x187 mm (17"x7-3/4"x7-3/8")
Net weight	3.4 kg (7.5 lbs.)
Power supply cord	2.5 m (8.2 ft)

Standard Equipment: Loop handle, Hex wrench

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

JOBSITE TOOLS

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## PV7000C 180mm (7")



### **Polisher**





## Compact body with low center of gravity for absolutely controlled operation and reduced fatigue

- Electronic control for consistent speed
- 2 speed plus variable speed control for a wide range of polishing works
- Pre-setting speed control dial
- Durable cord guard
- Quick-flip speed change for compounding and polishing

## 

Standard Equipment: Wrench, Side Grip

Continuous rating Input	900W
Capacity	Abrasive disc : 180mm (7")
	Pad : 170mm (6-11/16")
No load speed	600-2,000rpm
Overall length	210mm (8-1/4")
Net weight	2.1kg (4.6lbs)
Power supply cord	2.5m (8.2ft)

## 9218PB 180mm (7")







### Better polishing action for a wide range of applications

• Easy handling to reduced operator fatigue

Capacity	Wool bonnet : 180mm (7")
No load speed	2,000rpm
Overall length	235mm (9-1/4")
Net weight	2.7kg (5.9lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Lock Nut Wrench, Grip



	-AC
Angle Sander	
8	
Powerful 1,600W moto	or delivers outstanding performance
	t resistance to protect from overheating
3	ou to adjust maximum speed in 6 stages from 1,500
	ou to adjust maximum speed in 6 stages nom 1,500
to 4,000rpm	
<ul> <li>Variable speed trigger switch</li> </ul>	ch for controlled sanding.
	ator fatique in continuous use.
□ <b>№  </b>	
204 Million Continuous rating Input	1,600W
□ <b>№  </b>	1,600W Abrasive disc : 180mm (7")
Continuous rating Input	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7")
204 Million Continuous rating Input	1,600W Abrasive disc : 180mm (7")
Continuous rating Input Capacity No load speed	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm
Continuous rating Input Capacity No load speed	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm
Continuous rating Input Capacity  No load speed Dimensions	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm (17-7/8" x 6-11/16" x 5-3/8"))
Continuous rating Input Capacity  No load speed Dimensions  Net weight	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm (17-7/8" x 6-11/16" x 5-3/8")) 3.4kg (7.5lbs)
Continuous rating Input Capacity  No load speed Dimensions  Net weight	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm (17-7/8" x 6-11/16" x 5-3/8")) 3.4kg (7.5lbs)
Continuous rating Input Capacity  No load speed Dimensions  Net weight	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm (17-7/8" x 6-11/16" x 5-3/8")) 3.4kg (7.5lbs)
Continuous rating Input Capacity  No load speed Dimensions  Net weight	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm (17-7/8" x 6-11/16" x 5-3/8")) 3.4kg (7.5lbs)
Continuous rating Input Capacity  No load speed Dimensions  Net weight	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm (17-7/8" x 6-11/16" x 5-3/8")) 3.4kg (7.5lbs)
Continuous rating Input Capacity  No load speed Dimensions  Net weight	1,600W Abrasive disc : 180mm (7") Pad : 180mm (7") 0-4,000rpm 453mm x 170mm x 136mm (17-7/8" x 6-11/16" x 5-3/8")) 3.4kg (7.5lbs)

#### ROUTERS / PLANERS

#### NAILERS / STAPLERS

HEAT GUN /

## CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# SA7021 Angle Sander







## **Outstanding durability**

- Increased heat resistance.
- Superior anti-dust structure.
- Machined bevel gear for strength.
- Soft grip for more comfort and control.
- Gear housing can be positioned at every 90 degrees

1
204 8
 204

Continuous rating Input	2,200W
Capacity	Depressed center wheel : 180, 230mm (7, 9")
	Abrasive disc : 180mm (7")
No load speed	6,600rpm
Dimensions (L x W x H)	473 x 105 x 140mm (18-5/8" x 4-1/8" x 5-1/2")
Net weight	5.0kg (11.1lbs)
Power supply cord	2.5m (8.2ft)
Standard Equipment: Lock Nut	Wrench, Grip







Improved cooling airflow

• Ergonomically designed handle with rubberized soft grip



Continuous rating Input	440W
Capacity	Abrasive disc :150mm (6")
	Pad : 120mm (4-3/4")
No load speed (rpm)	4,500
Dimensions (L x W x H)	200 x 74 x 181mm (7-7/8" x 2-15/16" x 7-1/8")
Net weight	1.2kg (2.6lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Hex Wrench, Grip

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

**9218SB** 180mm (7")

**Disc Sander** 





## Well-balanced body for fast and steady sanding

• Lock-on button for continuous use and reduced operator fatigue.



Continuous rating Input	570W
Capacity	Wire cup brush : 110mm (4-3/8")
	Abrasive disc : 180mm (7")
No load speed	4,500rpm
Overall length	225mm (8-7/8")
Net weight	2.9kg (6.3lbs)
Power supply cord	2.5m (8.2ft)

## **GV7000C** 180mm (7")

**Disc Sander** 





Compact body with low center of gravity for absolutely controlled operation and reduced fatigue

• Lock-on button for continuous use

• Variable speed control plus Electronic control

303 MM
--------

Continuous rating Input	900W
Capacity	Abrasive disc : 180mm (7")
•	Pad : 180mm (7")
No load speed	2,500-4,700rpm
Overall length	210mm (8-1/4")
Net weight	2.1kg (4.6lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Lock Nut Wrench, Grip

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

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MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

SPECIALTY TOOLS





#### High power BL motor provides excellent performance similar to corded tool

- Compact design with a short height
- Excellent performance as powerful as AC model gives high productivity.
- Adjustable sanding arm 160° for easy handling
- Lightweight and Connectable to vacuum cleaners



Belt Width	6 / 9 / 13 mm (1/4 / 3/8 / 1/2")
Belt Length	533 mm
Belt Speed	600 - 1,700 m/min
Vibration Level	2.5 m/s² or less
Sound Pressure Level	77 dB(A)
Dimensions (L x W x H)	500x96x116 mm
Net weight	2.1 kg

Standard

ons (L x W x H)	500x96x116 mm
ıht	2.1 kg
d Equipment: Grip	

AVAILABLE VARIANTS

"Z" VARIANT DBS180 Z

DES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

## 9031 30mm x 533mm (1-3/16"x 21")



## **Belt Sander**





#### Optimum for use in close quarters or on irregular shapes

- Belt speed can be adjusted for sanding a wide variety of materials
- Multi-position side handle for easy and comfortable operation.
- Lock-on button for continuous operation



Continuous rating Input	550W
Belt size	30 x 533mm (1-3/16"x 21")
Belt speed	200 - 1,000m / min. (656 - 3,280ft/ min)
Overall length	380mm (15")
Net weight	2.1kg (4.6lbs)
Power supply cord	2.5m (8.2ft)



## Max. sanding depth 110 mm

- Adjustable sanding arm pivots 100 degrees for hard to reach areas
- Electronic speed control dial for fine work
- Easily adjustable belt tracking with a turn of the knob
- Dust-free work with Makita dust collection system
- Optional 6mm and 13mm sanding bars for a wide range of sanding and filing jobs





HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING



Standard Equipment: Dust bag assembly

9920 76mm x 610mm (3"x 24")

capacity, low noise at only 85dB

• Electronic variable speed control feature

• Flush sanding possible

**□ ₩ K** 303 mi

Continuous rating Input

Belt size

Belt speed

Net weight

Overall length

Power supply cord

Standard Equipment: Dust bag assembly

Features auto-tracking belt system, high dust collecting

1,010W

. 76 x 610mm (3"x 24")

334mm (13-1/8")

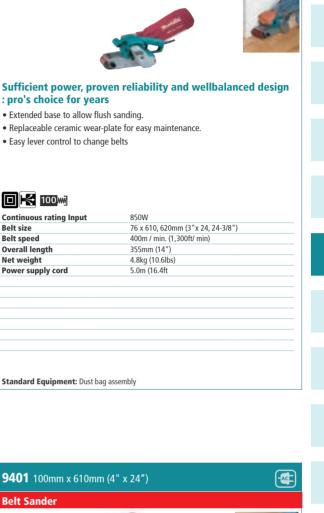
4.5kg (9.9lbs)

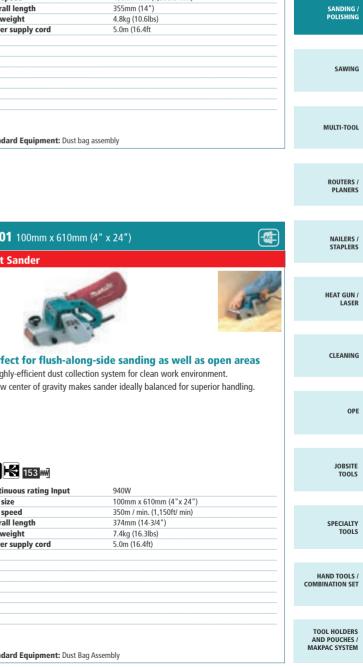
5.0m (16.4ft)

210 - 440m / min. (690 - 1,440ft/ min)

**Belt Sander** 







9401 100mm x 610mm (4" x 24") **Belt Sander** Perfect for flush-along-side sanding as well as open areas • Highly-efficient dust collection system for clean work environment. Low center of gravity makes sander ideally balanced for superior handling. **□ |** | 153 mi **Continuous rating Input** Belt size Belt speed Overall length Net weight Power supply cord Standard Equipment: Dust Bag Assembly

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

Belt Sander

9403 100mm x 610mm (4" x 24")



## Powerful 1,200W motor for high production use

- Quietest belt sander in its class (84dB).
- 500 m/min belt speed for fast material removal.
- Labyrinth construction seals motor and bearings from contamination.
- Dust bag swivels 360 degrees for convenience

**□** ★ 303 WW

Continuous rating Input	1,200W
Belt size	100mm x 610mm (4"x 24")
Belt speed	500m / min. (1,640ft/ min)
Overall length	353mm (13-7/8")
Net weight	5.7kg (12.6lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment:Dust Bag Assembly

**9404** 100mm x 610mm (4" x 24")



**Belt Sander** 





# Features auto-tracking belt system, high dust collecting capacity, low noise at only 85dB

- Unique design allows flush sanding to a wall with side of sander
- Electronic variable speed control feature

**□ ③ ★** 303 ww

Continuous rating Input	1,010W
Belt size	100 mm x 610mm (4"x 24")
Belt speed	210 - 440m / min.
	(660 - 1,440ft./ min)
Overall length	334mm (13-1/8")
Net weight	4.7 kg (10.6lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Dust Bag Assembly

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM Wheel Sander

9741



**Wheel Sander** 



#### Unique sanding solution for variety of materials

- Brings out beautiful wood grain with nylon brush wheel.
- For fast and efficient paint and rust removal with optional wheels.
- Well balanced design with a low center of gravity and large front loop handle for easy handling.
- Connects to a dust collector for cleaner operation



Continuous rating Input	860W
Wheel dia.	100 x 120mm (4 x 4-3/4")
No load speed	3,500rpm
Overall length	310mm (12-1/4")
Net weight	4.2kg (9.3lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Hex Wrenches

## **Random Orbit Sander / Finishing Sander**



## **DBO180** 125mm (5")

18V | **LXT** 

**Cordless Random Orbit Sander** 



## **Excellent performance with high orbital speed.**

- Compact design with a short height and a lower center of gravity easily handle.
- Excellent performance as powerful as AC model gives high productivity.
- Ergonomically best possible grip plus compact tool design.
- Connectable to Makita vacuum cleaners without adapter



Pad diameter	123mm (4-7/8")
Abrasive disc diameter	125mm (5")
Orbits per minute (opm)	7,000/ 9,500/ 11,000
Dimensions (L x W x H)	175x123x153mm (6-7/8"x4-7/8"x6")
Net weight	1.7kg (3.6lbs)

Standard Equipment: Dust bag or dust box

#### DBO180 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

## BO5030



#### Random Orbit Sander





## Powerful 300W motor and high durability

- Ergonomically designed rubberized top-cover and body provide more control and comfort
- Rubber switch cover prevents ingress of dust.
- Convenient pad brake for fast stop.

## 119 Mil

Continuous rating Input	300W
Pad diameter	123mm (4-7/8")
Abrasive disc diameter	125mm (5")
Orbits per minute (opm)	12,000
Dimensions	153 x 123 x 153mm
(L x W x H)	(6" x 4-7/8" x 6")
Net weight	1.3kg (2.9lbs)
Power supply cord	2.0m (6.6ft)

Standard Equipment: Dust Box

## BO5041

## **Random Orbit Sander**





Ergonomically designed body and rotatable front grip provides more control and comfort.

- High power motor.
- High durability by large size of ball bearing.
- Built-in dust extraction.
- High dust extraction rate.
- Speed control dial.



Continuous rating Input	300W
Pad diameter	123mm (4-7/8")
Abrasive disc diameter	125mm (5")
Orbits per minute (opm)	4,000-12,000
Dimensions	218 x 123 x 153mm
(L x W x H)	(8-5/8" x 4-7/8" x 6")
Net weight	1.4kg (3.1lbs)
Power supply cord	2.0m (6.6ft)

Standard Equipment: Dust Box

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

**Random Orbit Sander** 

BO6030





#### **Exceptionally low vibration, yet aggressive sanding**

- Through-the-pad dust collection system for a cleaner job site.
- Ergonomic handles for controlled operation.
- Pad control system prevents gouging.
- Variable speed control dial to match the sanding speed to the material.

Continuous rating input	310W
Pad diameter	150mm (6")
Abrasive disc diameter	150mm (6")
Orbits per min.	4,000-10,000 opm
Overall length	309mm (12-1/8")
Orbit diameter	3.0mm (1/8")
Net weight	2.4kg (5.2lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Hex Wrench, Dust Bag.



#### 150mm (6") random orbit sander with excellent operability

- Ergonomically designed palm grip with elastomer
- Toolless pad change; enables quick pad change to suit application.

#### 2 mode operation

BO6050J

**Random Orbit Sander** 

a) Traditional random orbit mode

For fine finish sanding and buffing

b) The alternative roto-orbit mode

Ideal for stock removal, coarse sanding and polishing



Continuous rating input	750W
Pad diameter	150mm (6")
Abrasive disc diameter	150mm (6")
Orbits per minute (opm)	1,600 - 6,800
Sanding strokes per minute (spm)	3,200 - 13,600
Pad speed in Roto-orbit mode (rpm)	140 - 600
Orbit diameter	5.5mm (7/32")
Dimensions (L x W x H)	330x155x145mm (13"x6-1/8"x5-3/4")
Net weight	2.6kg (5.7lbs)
Power supply cord	2.5m (8.2ft)

**Standard Equipment:** Abrasive disc, Dust nozzle, Side grip, Pad protector, Makpac case

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

HAND TOOLS / COMBINATION SET

**DBO482** 1/4 Sheet

**Cordless Finishing Sander** 



### Low vibration & high power

- 14,000 OPM for fast and smooth finish sanding
- Speed control by push button
- Easy-to-operate paper clamp
- Compatible with Triangle plate and Rectangle plate (optional)

Pad Size 112 x 102 mm (4-3/8 x 4") Rectangular: 114 x 140 mm (4-1/2 x 5-1/2") Abrasive Paper Size Orbits Per Minute (OPM) 14.000 Dimensions (L x W x H) 156 x 112 x 151 mm Net weight 1.0 kg (without battery)

Standard Equipment: Dust bag

5.0Ah DBO482 Z DBO482 RTJ 2 BATTERIES / 1 CHARGER IN MAKPAC (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE) **DBO380** 1/3 Sheet

**Cordless Finishing Sander** 





18V | **/L/X7** 

-AC

## **BL** motor delivers high work efficiency

- Both motor and battery are located above the sanding face to suppress fluttering of the base, enabling to provide an evenly finished surface
- Front grip is detachable without tools for corner sanding Speed control by push
- 185 x 92mm pad size with spring loaded paper clamp
- 2.0mm orbit diameter for efficient removal of work piece material
- Connectable to Makita vacuum cleaners

A ABV BL XPT

Pad Size	93 x 185 mm (3-5/8 x 7-1/4")
Abrasive Paper Size	Rectangular: 93 x 228 mm (3-5/8 x 9")
Orbits Per Minute (OPM)	4,000, 8,000, 12,000
Dimensions (L x W x H)	336 x 92 x 169 mm
Net weight	1.5 kg (without battery)

Standard Equipment: Dust bag, Battery Protector

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DBO380 RTJ 2 BATTERIES / 1 CHARGER / MAKPAC CASE	DBO380 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )	

## **DBO381** 1/3 Sheet

#### 18V | **/LXT**/

#### **Cordless Finishing Sander (with AWS)**





## **BL** motor delivers high work efficiency

- Both motor and battery are located above the sanding face to suppress fluttering of the base, enabling to provide an evenly finished surface
- Front grip is detachable without tools for corner sanding Speed control by push button
- 185 x 92mm pad size with spring loaded paper clamp
- 2.0mm orbit diameter for efficient removal of work piece material
- Auto-start Wireless System (AWS) bluetooth connection with compatible vacuum

	BL XPT AWS
--	------------

Pad Size	93 x 185 mm (3-5/8 x 7-1/4")
Abrasive Paper Size	Rectangular: 93 x 228 mm (3-5/8 x 9")
Orbits Per Minute (OPM)	4,000, 8,000, 12,000
Dimensions (L x W x H)	336 x 92 x 169 mm
Net weight	1.5 kg (without battery)
	, , , , , , , , , , , , , , , , , , ,

Standard Equipment: Dust bag, Battery Protector

AVAILABLE VARIANTS		
5.0Ah		"Z" VARIANT
DBO381 RTJU 2 BATTERIES / 1 CHA CHIP / MAKPAC CAS	ARGER / BULETOOTH	DBO381 ZU TOOL ONLY WITH BULETOOTH CHIP (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

## BO3700

#### **Finishing Sander**





#### MIVING

## Features efficient through-the pad dust collection system

- Ergonomically designed tool-top, comfortable control even with one-hand.
- Large levers for quick and easy changing of paper.
- Large trigger switch for easy operation.

## **□** ★ 64 wi

Continuous rating Input	180W
Pad size	93mm x 185 mm
	(3-5/8" x 7-1/4")
Abrasive paper size	93mm x 228mm
	(3-5/8" x 9")
Orbits per min.	10,000 opm
Overall length	254mm (10")
Net weight	1.4kg (3.1lbs)
Power supply cord	2.0m (6.6ft)

Standard Equipment: Dust Box

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

## BO3710



## **Finishing Sander**





# Ergonomic tool body fits user's hand perfectly, providing sure grip and easy handling whether in single- or double-handed operation

- Durable aluminium foot with dust protection
- Powerful heavy-duty motor featuring increased power input obtained by redesigned cooling system
- Easy-to-operate paper clamp with large clamp lever ensures quick and easy paper replacement



Continuous rating Input	190W
Pad size	92 x 185mm (3-5/8" x 7-1/4")
Abrasive paper size	93 x 228mm (3-5/8" x 9")
Orbits per minute (opm)	11,000
Dimensions	253 x 92 x 153mm
(L x W x H)	(10" x 3-5/8" x 6")
Net weight	1.6kg (3.5lbs)
Power supply cord	2.0m (6.6ft)
Standard Equipment: Dust Box	

BO4900



1/2 Sheet 330 W Finishing Sander

• Through-the-Pad Dust Collection System

4-1/2" x 11" half sheet abrasive paper

• Large trigger switch for easier operation



• Uses commonly available 115 mm x 232 mm hook-and-loop or

• Minimized vibration and contoured grips for added comfort



HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALT

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

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Continuous rating Input	330W
Pad size	115mm x 229 mm (4-1/2" x 9")
Abrasive paper size	115mm x 232mm (4-1/2" x 9-1/8")
Orbits per min.	10,000 opm
Overall length	289mm (11-3/8")
Net weight	2.7kg (6.0lbs)
Power supply cord	2.5m (8.2ft)

• Efficient through-the-pad dust collection system for a cleaner work environment

Standard Equipment: Dust Bag

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

> SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM BO4901



#### **Finishing Sander**





#### 1/2 Sheet 330 W Finishing Sander Minimized vibration for reduced operator fatigue

- Minimized vibration level for reduced operator fatigue
- Ergonomic handles for absolutely controlled operation
- Large clamp lever for easy install / removal of paper
- Through-the-pad dust collection with Makita vacuum cleaner
- Efficient through-the-pad dust collection system for a cleaner work environment

	K	<u> </u>	419	ww
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Continuous rating Input	330W
Pad size	115mm x 229 mm (4-1/2" x 9")
Abrasive paper size	115mm x 280mm (4-1/2" x 11")
Orbits per min.	10,000 opm
Overall length	289mm (11-3/8")
Net weight	2.7kg (6.0lbs)
Power supply cord	2.5m (8.2ft)

#### 9046



### **Orbital Sander**





## Powerful 600W performer for professional's needs

• Accepts standard abrasive paper; as well as hook & loop abrasive paper.



Continuous rating input	600W
Pad dia.	115 mm x 229 mm (4-1/2" x 9")
Abrasive paper size	115 mm x 280 mm (4-1/2" x 11")
Orbits per min.	6,000 opm
Overall length	283 mm (11-1/8")
Orbit diameter	5 mm (3/16")
Net weight	3.1 kg (6.8 lbs)
Power supply cord	2.5 m (8.2 ft)

Standard Equipment: Dust Bag.

## BO4556 (

## Finishing Sander





## Powerful 200W motor, low vibration, low noise

- Powerful 200W motor.
- Easy installation/removal of paper with rolled clamper's edges.
- Rubber switch cover prevents ingress of dust.
- Ergonomically contoured grip with non-skid elastomer covered surface.
- Durable aluminum foot with dust protection





Standard Equipment: Dust Bag.

## BO4566



### Finishing Sander





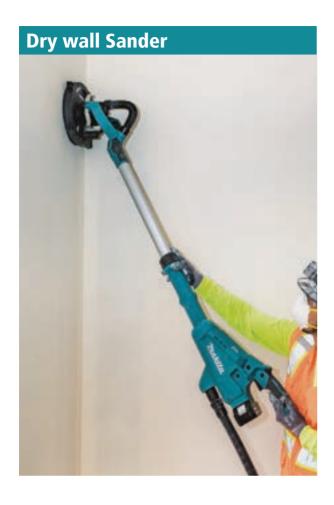
## Superb sanding of blinds, louvers and shutters

- Powerful motor.
- Ergonomically contoured grip with non-skid elastomer covered surface.
- Rubber switch cover prevents ingress of dust.
- Built-in dust extraction.
- Durable aluminum foot with dust protection

## **□ | € | |** 419 | | |

Continuous rating Input	200W
Pad size	100 x 164mm (3-15/16" x 6-1/2")
Abrasive paper size	102 x 166mm (4" x 6-1/2")
Orbits per minute (opm)	14,000
Dimensions	197 x 100 x 137mm
(L x W x H)	(7-3/4" x 3-15/16" x 5-3/8")
Net weight	1.2kg (2.6lbs)
Power supply cord	2.0m (6.6ft)

Standard Equipment: Dust Box.



**DSL800** 18V | /LX7

## **Cordless Drywall Sander**



Continuous runtime 35min

Speed adjusting dial: 3 Abrasive discs: #120 Battery: BL1850B

- Flush-to-wall edge sanding with linear brush

- Direct Drive Brushless motor for increased efficiency
- A vacuum hose runs throughout the interior of the tool with a dust port at the base of the tool for use with a dust extractor for dust free sanding
- Overload sensor is designed to alert when excessive load is applied and protect from damage due to overheat
- The adjustable extension pipe for sanding in confined spaces, such as closets, and extends from 1,100mm to 1,520mm" for reaching high walls and ceilings.

## 

Pad diameter	210 mm
Abrasive Disc Size	225 mm
No Load Speed (RPM)	1,000 - 1,800
Sound Pressure Level	75 dB(A)
Vibration Level	2.5 m/s <sup>2</sup> or less
Dimensions (L x W x H)	1,100-1,520x259x273 mm
Net weight	5.7 kg

Standard Equipment: Hex Wrench, Tool bag, Wireless Unit

AVAILABLE VARIANTS "Z" VARIANT

DSL800 ZU

RELESS UNIT (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

Pad diameter	210 mm
Abrasive Disc Size	225 mm
No Load Speed (RPM)	1,000 - 1,800
Sound Pressure Level	75 dB(A)
Vibration Level	2.5 m/s <sup>2</sup> or less
Dimensions (L x W x H)	1,100-1,520x259x273 mm
Net weight	5.7 kg

## **DSL801**

18V | /LXT

## Cordless Drywall Sander



## **Continuous runtime**

## 35min

Speed adjusting dial: 3 Abrasive discs: #120 Battery: BL1850B

- High Dust collection rate achieved with Round brush

- Direct Drive Brushless motor for increased efficiency
- A vacuum hose runs throughout the interior of the tool with a dust port at the base of the tool for use with a dust extractor for dust free sanding
- Overload sensor is designed to alert when excessive load is applied and protect from damage due to overheat
- The adjustable extension pipe for sanding in confined spaces, such as closets, and extends from 1,100mm to 1,520mm" for reaching high walls and ceilings.

## 

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Pad diameter	210 mm
Abrasive Disc Size	225 mm
No Load Speed (RPM)	1,000 - 1,800
Sound Pressure Level	75 dB(A)
Vibration Level	2.5 m/s <sup>2</sup> or less
Dimensions (L x W x H)	1,120 - 1,540 x 278 x 273 mm
Net weight	5.8 kg

Standard Equipment: Hex Wrench, Tool bag

AVAILABLE '	

"Z" VARIANT DSL801 Z

(DOES NOT INCLUDE BATTERY / CHARGER / WIRELESS UNIT OR CARRY CASE )

## Accessories for DSL800 / DSL801

Pad		
Туре	Part #	
Soft	199939-3	
Medium	199940-8	
Hard	199938-5	

Apra	isive Disc 225	mm
Grit	Pcs/Pkg	Part #
40	25	B-68389
80	25	B-68395
120	25	B-68404
180	25	B-68410
320	25	B-68426

## **Extension handle set (Optional)**

Extension handle allows for an additional 570mm longer reach for sanding high walls and ceilings. Part # 199937-7







Holder

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

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HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **Abrasive Belt for Belt Sander**

AA, WA: For wood, iron and steel CC: For stone and plastics

For Model: 9032, DBS180

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
C F22	AA40	A-34512	10
6mm x 533mm	AA60	A-34528	10
	AA80	A-34534	10
	AA100	A-34540	10
•	AA120	A-34556	10
0 F22	AA40	A-34447	10
9mm x 533mm	AA60	A-34453	10
	AA80	A-34469	10
	AA100	A-34475	10
	AA120	A-34481	10
13mm x 533mm	AA40	A-34562	10
וווווונככ א ווווווונו	AA60	A-34578	10
	AA80	A-34584	10
	A100	A-34590	10
	AA120	A-34609	10

For Model: 9030, 9031

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	AA40	P-36675	5
	AA60	P-36681	5
	AA80	P-36697	5
	AA100	P-36706	5
	AA120	P-36712	5
30mm x 533mm	AA150	P-36728	5
John X Josephini	AA240	P-36734	5
	CC40	A-23927	5
	CC60	A-23933	5
	CC80	A-23949	5
	CC120	A-23961	5
	CC240	A-23983	5

For Model: 9901

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	AA40	794119-2	10
76mm X 533mm	AA60	794120-7	10
	AA80	794121-5	10
	AA100	794122-3	10
	AA120	794123-1	10
	AA150	794125-7	10

For Model: 9910 (Belt Sander)

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	WA40	P-37091	5
76mm x 457mm	WA60	P-37100	5
70111111 X 457111111	WA80	P-37116	5
	WA100	P-37122	5
	WA120	P-37138	5
	WA150	P-37144	5
	WA240	P-37150	5

For Model: 9920, 9924DB (Belt Sander)

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	WA40	P-37312	5
	WA60	P-37328	5
76mm X 610mm	WA80	P-37334	5
	WA100	P-37340	5
	WA120	P-37356	5
	WA150	P-37362	5
	WA240	P-37378	5

For Model: 9401, 9403, 9404

1 01 1VIOUCI. 7401, 7403, 7404				
Belt Size (mm)	Grit	Part No.	Pcs per pkg.	
	WA40	794133-8	5	
	WA40	P-36887	5	
	WA60	P-36893	5	
100mm X 610mm	WA80	P-36902	5	
	WA100	P-36918	5	
6	WA120	P-36924	5	
	WA150	P-36930	5	
_	WA240	P-36946	5	

## **Abrasive Paper**

Grit: 40-60: Course | 80-120: Medium | 150-240: Fine

For Model: BO4510, BO4553, BO4556, DBO482

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	60	794195-6	6
	40	P-36398	10
1555	60	P-32904	10
	80	P-36407	10
	100	P-32910	10
114mm X 140mm	120	P-32926	10
114111111 🗡 140111111	150	P-32932	10
	180	P-36413	10
	240	P-36429	10

For Model: 9035, 9036, BO3710, BO3700

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	100	794157-4	10
	40	P-36136	10
	60	P-32948	10
02	80	P-36142	10
93mm X 228mm	100	P-32954	10
1	120	P-36158	10
	150	P-32960	10
	180	P-36164	10
	240	P-36170	10

For Model: BO4900, BO4901, 9046

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	100	794209-1	10
	40	P-36267	10
	60	P-32976	10
	80	P-36273	10
114 X 280	100	P-32982	10
	120	P-36289	10
	150	P-32998	10
	180	P-36295	10
	240	P-36304	10

For Model: BO4560

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	40	794494-6	10
07 V 160	60	794391-6	10
87mm X 160mm	80	794495-4	10
	100	794392-4	10
	120	794496-2	10
	150	794393-2	10
	.50		. 3

## **Abrasive Paper (Pre-Punched)**

For Model: 9035, 9036, BO3700, BO3710

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	40	P-31837	10
	60	P-31843	10
	80	P-31859	10
93mm X 230mm	100	P-31865	10
	120	P-36011	10
	150	P-36027	10
	180	P-36033	10
	240	P-36049	10

For Model: BO4900, BO4901, 9046

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	40	P-33009	10
	60	P-33015	10
115mm X 280mm	80	P-33021	10
113111111111111111111111111111111111111	100	P-33037	10
	120	P-33043	10
	150	P-33059	10
	180	P-33065	10
	240	P-33071	10

For Model: BO4563, BO4566

(For BO4566 the abrasive paper needs to be cut to 164mm length)

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	40	P-20644	10
	60	P-20650	10
	80	P-20666	10
	120	P-20688	10
	150	P-20694	10
	180	P-20703	10
100mm X 240mm	240	P-20719	10
	40	P-42868	10
	60	P-42874	10
	80	P-42880	10
	100	P-42896	10
	120	P-42905	10
	150	P-42911	10
	180	P-42927	10
	240	P-42933	10

## **Abrasive Paper (Pre-Punched, Hook & Loop)**

For Model: BO4510, BO4553, BO4556, DBO482

5: 1110 dd:: 20 10 10 10 10 10 10 10 10 10 10 10 10 10			
Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	A40	■ D-58665	10
	A60	■ D-58671	10
114x102	A80	■ D-58687	10
	A100	■ D-58693	10
	A120	■ D-58702	10
	A150	■ D-58718	10
• •	A180	■ D-58724	10
	A240	■ D-58730	10
	A320	■ D-58746	10

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

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NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

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TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## Abrasive Disc - Pre Punched, Hook & Loop

## Abrasive paper grit

- 40-60: Course
- 80-120: Medium
- 150-240: Fine

For Model: BO3700, BO3710 (Use with pad set 192983-9 For Model: DBO380 / DBO381 (Use with pad set 194930-6)

	Grit	Part No.	Pcs per pkg.
	40	P-31871	10
	60	P-31887	10
	80	P-31893	10
•	100	P-31902	10
	120	P-35891	10
	150	P-35900	10
93 x 185mm	180	P-35916	10
	240	P-35922	10

For Model: BO4900, BO4901, 9046 Use with pad set 193521-0

	Grit	Part No.	Pcs per pkg.
	80	A-14146	5
	100	A-14152	5
	120	A-14168	5
	180	A-14180	5
	240	A-14196	5
	40	P-33174	10
	60	P-33180	10
•	80	P-33196	10
	100	P-33205	10
15 x 232mm	120	P-33211	10
	150	P-33227	10
	180	P-33233	10
	240	P-33249	10

# **Abrasive Disc -** Pre-punched (9 hole) for dry wall sander DSL800, DSL801

- Made of high quality, durable rubber for long life.
- Hook and loop design for quick and easy abrasive paper changes.
- 40-60: Course
- 80-120: Medium
- 150-240: Fine

For Model: DSL800, DSL801

(Ceramic grain paper)

Pad Size (mm)	Grit	Part No.	Pcs per pkg.
	40	B-68389	25
	80	B-68395	25
	120	B-68404	25
255mm with	180	B-68410	25
9 holes	320	B-68426	25

## Abrasive Disc - Pre Punched, Hook & Loop

For Model: BO5030, BO5041, DBO180

Pad Size (mm)	Grit	Part No.	Pcs per pkg.
	40	P-43533	10
	60	P-43549	10
	80	P-43555	10
400	100	P-43561	10
	120	P-43577	10
	180	P-43583	10
125mm	240	P-43599	10
	320	P-43608	10
	400	P-43614	10

For model: BO6030, BO6050J

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	40	P-31918	10
	60	P-31924	10
	80	P-31930	10
	100	P-31946	10
	120	P-31952	10
	150	P-31968	10
	180	P-31974	10
	220	P-31980	10
150mm	240	P-31996	10
	320	P-32007	10
	400	P-32013	10

For wood / for model: BO6030, BO6050J

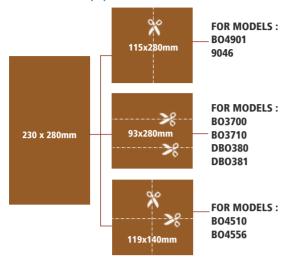
	Grit	Part No.	Pcs per pkg.
	40	B-51415	10
	60	B-51421	10
	80	B-51437	10
150mm with 15 holes	100	B-51443	10
	120	B-51459	10
	180	B-51465	10
	240	B-51471	10
	320	B-51487	10
	400	B-51493	10

For stripping the paint / for model: BO6030, BO6050J

11 5 1			
	Grit	Part No.	Pcs per pkg.
	40	B-51502	10
-	60	B-51518	10
	80	B-51524	10
2 6 9	100	B-51530	10
	120	B-51546	10
	180	B-51552	10
150mm with	240	B-51568	10
15 holes	320	B-51574	10
	400	B-51580	10
15 holes	320	B-51574	10

## Abrasive Paper 230mm x 280mm for Finishing Sander

How to cut abrasive paper



## Stearted Aluminium Oxide Abrasive paper 230x280mm

Application: Coating, (Paint & Varnish)
For Model: All Finishing Sander, Handuse

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	80	D-60698	100
	100	D-60707	100
	120	D-60713	100
	150	D-60729	100
	180	D-60735	100
	220	D-60741	100
	240	D-60757	100
230mm x 280mm	280	D-60763	100
	320	D-60779	100
	360	D-60785	100
	400	D-60791	100
	500	D-60800	100
	600	D-60816	100
	800	D-60822	100

## Aluminium Oxide Abrasive paper 230x280mm

Application: For wood

For Model: All Finishing Sander, Handsanding

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	40	D-52358	50
	60	D-52364	50
	80	D-52370	50
	100	D-52386	50
	120	D-52392	50
	150	D-52401	50
	180	D-52417	50
230mm x 280mm	240	D-52423	50
ESSITITI A ESSITITI	320	D-56895	50
	400	D-56904	50

## Aluminium Oxide Abrasive paper 230x280mm

Application: For metal

For Model: All Finishing Sander, Handsanding

36	D-56764	50
40	D-56770	50
60	D-56786	50
80	D-56792	50
100	D-56801	50
120	D-56817	50
150	D-56823	50
180	D-56839	50
240	D-56845	50
	40 60 80 100 120 150 180	40 D-56770 60 D-56786 80 D-56792 100 D-56801 120 D-56817 150 D-56823 180 D-56839

## Aluminium Oxide Abrasive paper 230x280mm

Application: For mortar

For Model: All Finishing Sander, Handsanding

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	60	D-56605	50
	80	D-56611	50
	100	D-56627	50
230mm x 280mm	120	D-56633	50
	150	D-56649	50
	180	D-56655	50
	240	D-56661	50

## Waterproof Silicon Carbide Abrasive paper 230x280mm

Application: For car body (Glass, Stone, Marbile, Granite) For Model: All Finishing Sander, Handuse

Belt Size (mm)	Grit	Part No.	Pcs per pkg.
	80	D-58942	50
	100	D-58958	50
	120	D-58964	50
•	180	D-58986	50
	220	D-58992	50
	280	D-59003	50
	320	D-59019	50
230mm x 280mm	400	D-59025	50
	800	D-59047	50
	1000	D-59053	50
	1200	D-56867	50
	1500	D-59069	50
	2000	D-59075	50

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

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JOBSITE TOOLS

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HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **Abrasive Disc 20pcs Set**





- Pre Punched
- Hook & Loop

For Model: BO5030, BO5041, DBO180

Pad Size (mm)	Grit	Pcs per pkg.	Part No.
	60	5	
125mm	120	5	D-77229
8 holes	240	5	D-11229
o noics	320	5	

For Model: BO6030, BO6050J

Pad Size (mm)	Grit	Pcs per pkg.	Part No.
	60	5	
150mm	120	5	D-77235
(15 holes)	240	5	D-11233
, ,	320	5	

## **Abrasive Disc for Disc Sander**



For model GV6000, GV6010 **CC**: For stone and plastics

Diameter (mm)	Grit	Part No.	Pcs per pkg.
150	CC50	794086-1	10
150	CC120	794090-0	10

## Pressure sensitive type

For model GV6000, GV6010

Disc type and use

WA: For wood, iron and steel



Diameter (mm)	Grit	Part No.	Pcs per pkg.
150	WA60	794274-0	10
150	WA100	794275-8	10
150	WA120	794276-6	10
150	WA150	794277-4	10
150	WA180	794278-2	10

## **PAD**

## Rubber pad for Abrasive Disc

A: For spindle thread 5/8"

B: For spindle thread M14 x 2(DIN), M16 x 2



Outer Diameter (mm)	Туре	Part No.
For Model: GV6010 (Pressur	e sensitive type)	
147	-	743033-9
For Model: 180mm Disc San	der, Polisher, Angl	e Sander
170	А	743012-7
For Model: 180mm Disc San	ider, Polisher	
170	В	743008-8

## **Pad Complete for Abrasive paper**



For use with Abrasive paper or clamping type paper

Model	Part No.
BO3700, BO3710, DBO380, DBO381, BO4560	140441-9
003700, 003710, 000300, 000301, 004300	194929-1
BO4560	150067-9
BO4900, BO4901	193523-6
DBO482	191Y25-6

For use with Hook & loop type paper



For Rectangle / Triangle paper

Model		Part No.
DBO482	Rectangle	191Y23-0
DBO482	Triangle	191Y22-2

## **Punch Plate**

 Allows for maximum collection of dust and debris from underneath the sander

For Model	Part No.
9036	163292-3
BO4901, 9046	192523-3
BO4556, DBO482	450066-4
BO3700	192989-7
DBO380, DBO381	194947-9
DBO482	450066-4

## **Sanding Lock Nut**

For Model: PV001G, 9207SPB, 9227C



Spindle Thread	Outer Dia (mm)	Part No.
M14 x 2DIN	48	224515-5

## Plastic Pad / Washer & **Hex Socket head Bolt**

For Model: GV6000, GV6010



Size	Part No.
Plastic pad 120	743025-8
Hex Socket head bolt M8 x 20	265812-0
Washer 10	253951-8

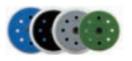
## Rubber pad (used with Pre-punched Abrasive Disc)

HG: Hard (For coarse grinding)

S: Soft (For general sanding)

SS: Super Soft (For fine sanding) M: Medium (For general sanding)

H: Hard (For coarse Sanding)



Outer Diameter (mm)	Туре	Part No.
For Model: DSL800, DSL801		
150	S	199939-3
150	M	199940-8
150	Н	199938-5
For Model: BO6050		
150	Н	197315-5
150	S	197314-7
150	SS	197316-3
For Model: BO6030, BO6040		
150	HG	196685-9
150	S	196684-1
150	SS	196686-7
For Model: BO5030, BO5041, BO	D5010, BO5020, BC	)5021, DBO180
125		743081-8

## **Backing Pad for polishers**

A: Use with Wool pad, Sleeve or Sponge pad

B: Use with Sanding pad



For Model	Pad size (mm)		Part No.
9227C/CB, 9237C,	165		743053-3
SA7000C, PV7000C	103		743052-5
PW5001C	100		743080-0
P06000C / DPO600	150		197929-0
DPV300, PV301D	75	for polishing pad	743125-4
DPV300, PV301D	50	for sanding pad	*743124-6

\*743126-2 is the adapter for 743124-6 to connect with sanding pad

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

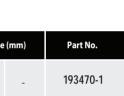
## **Sponge Pad (Hook & Loop type)**

A: Ideal for polishing applications

B: For applying wax, removing wax and polishing

c: For surface treatment

\* Use with Backing pad 743125-4



For Model	Туре	Size	(mm)	Part No.
9227C/CB, 9237C, SA7000C, PV7000C	А	190	-	193470-1
BO6030, BO6040, BO6050, DPO600, PO6000C	В	150	Yellow	197914-3
DPV300, PV301D	В	80	White	* 191N91-7
DPV300, PV301D	С	80	Yellow	* 191N90-9

# **Wool Pad (Hook & Loop type)**

• For high gloss polishing

A: Use with Backing pad 743125-4

B: Use with Backing pad and Sleeve 18 (262542-4)



For Model	Size (mm)	Туре	Part No.
DPV300, PV301D	80	Α	191N92-5
-	100		794173-6
BO5021, BO5041	140		794560-9
BO6030, BO6040, BO6050, P06000C / DPO600	150		199424-6
9207SPB, 9218PB, SA7000C, PV7000C, PV001G	180	В	*192629-7
9237CB, SA7000C, PV7000C, PV001G	180		P-45135 (thread type)

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
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## Felt Pad (Hook & Loop type)

• For removing wax



For Model	Size (mm)	Part No.
BO6030, BO6040, BO6050, DPO600, PO6000C	150	794618-4

## **Wire brush Wheel 120**

• For rust removal



For Model	Part No.
9741	794382-7

## **Fiber sanding disc**

• Used with DVP300, PV301D polishers for sanding work

Diameter: 50mm, Twist-on/twist-off type, 25pcs/set For Material: Metal / Stainless, Aluminium (Pad 743124-6 is required to use the disc)



For Model	Size (mm)	Part No.
A60	Grinding, Chamfer,	E-07412
A80	Deburring, Surface polishing	E-07428
A120	3. 1 3	E-07434
Z60	Grinding, Chamfer,	E-07440
Z80	Deburring	E-07456

## Slit Paper Wheel 120-140

• For rust & paint removal



For Model	Part No.
9741	794380-1

## **Nylon Brush Wheel 120**

• To enhance wood grain



For Model	Use	Part No.
	120-80 Coarse	794384-3
9741	120-100 Medium	794379-6
	120-240 Fine	794383-5

## **Surface conditioning disc**

• Used with DVP300, PV301D polishers for sanding work

Diameter: 50mm, Twist-on/twist-off type, 25pcs/set For Material: Metal / Stainless, Aluminium (Pad 743124-6 is required to use the disc)



For Model	Size (mm)		Part No.
Hard	Surface polishing,	Coarse	E-07462
Hard	Removing paint	Medium	E-07478
Hard	/rust	Fine	E-07484
Soft		Medium	E-07490
Soft	Surface polishing	Fine	E-07509
Soft		Very fine	E-07515

## **Ruber pad assembly**

- Application: Buffing
- Features: Mounts buffing pad to drill
- Allows drill to be used for buffing



Collet Size	Size	Part No.
6mm	98mm	123001-2

## **Cotton Buff Wheel 120**

For polishing



For Model	Part No.
9741	794381-9

## Foam polishing pad

- Application: Polishing, glass, metal, paint
- Used on cordless drills with shank for chuck.
- Foam polishing pad 125mm dia for applying wax and polishing compounds



Size	Part No.
125mm dia.	794159-0

## **Diamond Polishing Pad (100mm)**

• For Model: PW5000C, PW5001C (Hook & loop type )



Color	Grit	Max. RPM	Part No.
Blue	50	4,500	D-15584
Yellow	100	4,500	D-15590
Orange	200	4,500	D-15609
Red	400	4,500	D-15615
Dark Green	800	4,500	D-15621
Light Green	1500	4,500	D-15637
Brown	3000	4,500	D-15643
Green	Buff (Finishing)	4,500	D-15659
1 pc. of each poli	shing pad - 8 pcs set.	4,500	D-15805

## **Sanding Shoe Assembly**

• Allows use of Belt Sander's linear motion and speed control for fine finishing.

For Model	Part No.
9404	193072-3

## **Clamp Complete**

 Provides a secure holding for the sander and a steady work-base for the operator



For Model	Part No.
9910	192694-6

## Step

• Mounts sander upside down for easier finishing of smaller pieces



For Model	Part No.
9401	342332-2

## **Sanding Arm Assembly**



			6mm	9mm	13mm
For Model	Size (mm)	Size (mm)		Part No.	
9032,	6	-		125157-7	
DBS180	9	А		125158-5	
<i>DDJ</i> 100	13	-		125159-3	

## **Carbon Plate**

• Used with Abrasive Belt WA/AA type and Cork Rubber Plate.



For Model	Part No.
9401	423029-3
9403	421648-9
9404	423317-8
9920	423316-0
9920	193198-1

## **Cork Rubber Plate**

• Used with Abrasive Belt WA/AA type and Carbon Plate



For Model	Part No.
9401, 9403	421093-8
9404	423314-4
9920	423313-6

## **Steel Plate**

• Used with: Abrasive Belt CC type Type A: Includes Cork Rubber Plate.



For Model	Type	Part No.
9401	-	342328-3
9403	А	150980-1
9404	А	151751-9
9900B	-	342466-1
9924DB	-	341705-6

## **Stand Set**



For Model	Part No.
9032, DBS180	193618-5

## **Belt Sander Stand**



For Model	Part No.
9404, 9902, 9903, 9920	193055-3
9900B, 9924DB	STEX122299

DRILLING

CONCRETE DRILLING / DEMOLITION

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TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

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SPECIALTY TOOLS

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## **Dust bag assembly**

For All Finishing Sanders and Orbit Sanders (except for BO6050J)

	Part No.
Photography	152456-4
Thakita	151780-2
745	140115-2
-	135222-4



(Plastic)

(Plastic)

135327-0 Used with —— Nonwoven fabric dust bag

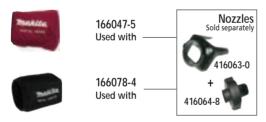


Nonwoven fabric bag 195134-3 (5pcs set) Sold separately

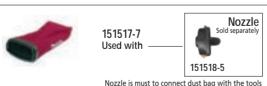




Sold separately



Nozzles are must to connect dust bag with the tools





## **Dust bag assembly**

For Belt Sanders



For Model	Part No.
9032	122297-2
9924DB	122296-4
9903, 9404, 9920	122591-2
9403	122562-9
9910	122548-3

## **Grip/Loop Handle**





Grip		
For Model	Туре	Part No.
Disc Sander		
GV6000, GV6010, GV7000C	Grip	152491-2
Polisher and Sander-Polisher		
9218PB, 927SPB	Grip	152492-0
Polisher		
PV7000C	Grip	273649-1
PV001G	Grip	158237-4
PV001G	Loop Handle	413F67-9
Sander-polisher		
9227C	Grip	153489-2
9227C	Loop Handle	416256-9
9227CB	Loop Handle	416348-4
Angle Sander		
SA7000C, SA7021	Grip	152539-0

## **Lock Nut Wrench**

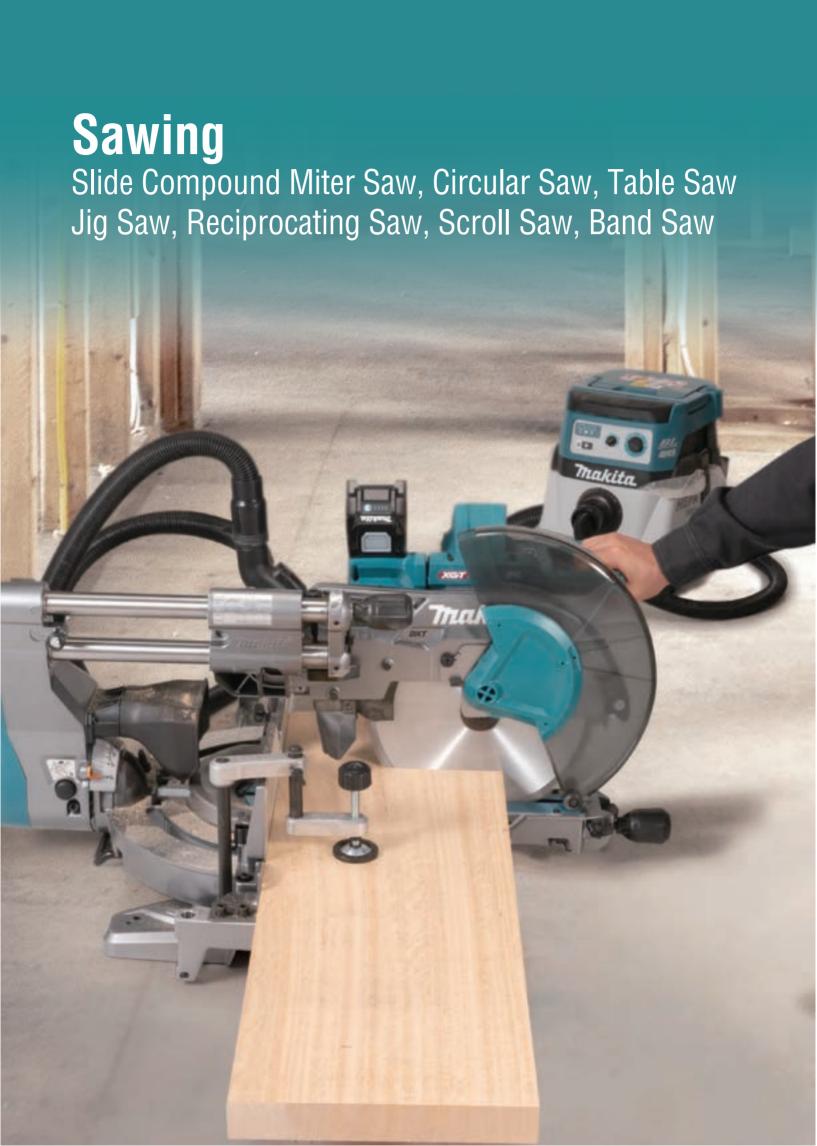


For Model	Size	Part No.
9218SB/9218PB/GV7000C	28	782423-1
SA7000C/SA7021	35	782407-9
9207SPB	28	782412-6

## **Hex Wrench**



For Model	Size	Part No.
BO6040/BO6030/GV6010	5	783203-8
9227C/9741	6	783204-6





CONCRETE DRILLING / DEMOLITION

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NAILERS / STAPLERS

> HEAT GUN / LASER

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JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



## Our Range of Slide Compound Miter Saw / Miter Saw

	355mm	305mm	260mm	255mm	216mm	190mm	165mm
XGT		• LS003G 40V MAX	• LS004G 40V MAX		•LS002G 40V MAX		
LVT		•DSL211	• DSL111			• DLS714 18VX2 LXT	• DI CCOO
LXT		18VX2 LXT	18VX2 LXT			• DLS713 18V LXT	• DLS600 18V LXT
	LH1201FL 1,650W	• LS1219L 1,800W	•LS1019L 1,510W	•LS1018LN 1,430W	• LS0815FL 1,400W	• LS7014 1,010W	
				•LS1040			
AC	• LS1440 1,380W		• LH1040 1,650W	1650W			
				• MLS100N 1,500W			
• Slide C	● Slide Compound Miter Saw				liter Saw		

**LS003G** 305mm

40V MAX | **₹**₹

40V MAX | **₹**₹

#### **Cordless Slide Compound Miter Saw**



#### Equipped with a brushless motor that provides consistently smooth cutting

- Rail-forward design: allows the rear of the machine to be placed close to the wall
- One-touch sliding lock
- Large turn base
- Positive stop function can be disabled simply by depressing a lever
- Easy locking and release of bevel angle
- Switch to start up dust extractor (via bluetooth technology)
- LED lamp casts a shadow of the saw blade onto the workpiece as an exact cutting line

Blade Diameter	305 mm
Hole Diameter	25.4, 30 mm
Miter Angle	60° L 60° R
Bevel Angle	48° L 48° R
Max Cutting Capacity	0° Miter: 107 x 363 mm / 45° Miter, L/R: 107 x 255 mm
No Load Speed (RPM)	3,600
Dimensions (L x W x H)	898 x 690 x 725 mm
Net weight	28.9 kg (WITHOUT BATTERY)

Equipped with a brushless motor that provides consistently

• Rail-forward design: allows the rear of the machine to be placed close to the wall

• Positive stop function can be disabled simply by depressing a lever

• Switch to start up dust extractor (via bluetooth technology)

• LED lamp casts a shadow of the saw blade onto the workpiece

AWS DXT

4,800

Standard Equipment: Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench

25.4, 30 mm 60 / 60° L 60, 60° R

48 / 48° L 48, 48° R

. 702 x 551 x 557 mm

AVAILABLE VARIANTS

15.2 kg (without battery)

0° Miter: 70 x 312 mm / 45° Miter, L/R: 70 x 220 mm

Standard Equipment: Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench

	AV	AILABLE \	VARIAN

Cordless Slide Compound Miter Saw

#### LS003G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

**LS002G** 216mm

smooth cutting

**Blade Diameter Hole Diameter** 

Max Cutting Capacity No Load Speed (RPM)

Dimensions (L x W x H)

Miter Angle

Bevel Angle

Net weight

• One-touch sliding lock , Large turn base

• Easy locking and release of bevel angle

## **LS004G** 260mm

40V MAX | **₹**₹

#### **Cordless Slide Compound Miter Saw**



#### Equipped with a brushless motor that provides consistently smooth cutting

- Rail-forward design: allows the rear of the machine to be placed close to the wall
- One-touch sliding lock
- Large turn base
- Positive stop function can be disabled simply by depressing a lever
- Easy locking and release of bevel angle
- Switch to start up dust extractor (via bluetooth technology)
- LED lamp casts a shadow of the saw blade onto the workpiece as an exact cutting line

	40Vmax BL AWS DXT
Blade Diameter	260 mm
Hole Diameter	25.4, 30 mm
Miter Angle	60° L 60° R
Bevel Angle	48° L 48° R
Max Cutting Capacity	0° Miter: 91 x 279 mm / 45° Miter, L/R: 91 x 197 mm
No Load Speed (RPM)	3,600
Dimensions (L x W x H)	805 x 644 x 660 mm
Net weight	25.1 kg (WITHOUT BATTERY)
•	

Standard Equipment: Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench

#### AVAILABLE VARIANTS

#### LS004G 7

(DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

DLS211 305 mm

18Vx2

## Cordless Slide Compound Miter Saw



## **Powerful / Efficient**

• Combination of Brushless motor, Twin battery system and Miter saw innovation makes the machine more powerful and efficient as similar as corded slide compound miter saw.

# OM 5 ANS

Blade Diameter	305 mm (12")
Miter Angle	60° L / 60° R
Bevel Angle	48° L / 48° R
Max Cutting Capacity	90° Miter: 107 x 363 mm
	90° Miter: 92 x 382 mm
	45° Miter, L/R: 107 x 255 mm
	45° Miter, L/R: 92 x 268 mm
No Load Speed (RPM)	4,400
Vibration Level	2.5 m/s <sup>2</sup> or less
Dimensions (L x W x H)	898x690x725 mm
Net weight	28.9 kg

Standard Equipment: Triangular Rule, Vertical Vise, Hex Wrench

## AVAILABLE VARIANTS

## "Z" VARIANT

## DLS211 ZU

TOOL ONLY (WITH BLUETOOTH CHIP) (DOES NOT INCLUDE BATTERY / CHARGER)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## "Z" VARIANI

#### LS002G Z

(DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

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SAWING

MULTI-TOOL

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NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DLS111** 260 mm

18Vx2

## **Cordless Slide Compound Miter Saw**



#### Powerful / Efficient

• Combination of Brushless motor, Twin battery system and Miter saw innovation makes the machine more powerful and efficient as similar as corded slide compound miter saw.

GRAKE 45° 45° USIR	THE POOR SELL ADT DXT AWS		
Blade Diameter	260 mm		
Miter Angle	60° L / 60° R		
Bevel Angle	48° L / 48° R		
Max Cutting Capacity	90° Miter: 91 x 279 mm		
	90° Miter: 68 x 310 mm		
	45° Miter, L/R: 91 x 197 mm		
	45° Miter, L/R: 68 x 218 mm		
No Load Speed (RPM)	4,400		
Vibration Level	2.5 m/s <sup>2</sup> or less		
Dimensions (L x W x H)	805x644x660 mm		
Net weight	27.3 kg		
Standard Equipment: Triangular Rule, Vertical Vise, Hex Wrench			

"Z" VARIANT

DLS111 ZU

TH BLUETOOTH CHIP) (DOES NOT INCLUDE BATTERY / CHARGER)

18V | <u>// X //</u> **DLS713** 190mm

## **Cordless Slide Compound Miter Saw**



#### **High Power but Compact**

- Double sliding mechanism.
- Soft elastomer carrying grip provides easy job site portability.





at u degrees: 52 x 300mm			
at 45 degrees: 25x 300mm			
190mm			
20mm			
2,200			
655 x 430 x 454mm			
12.7kg			
at 45 degrees: 25x : Blade diameter 190mm Bore 20mm No load speed (rpm) 2,200 Dimensions (L x W x H) 655 x 430 x 454mm			

Standard Equipment: Vertical Vise, Socket Wrench, Triangular Rule, Dust Bag, Holder set.

#### AVAILABLE VARIANTS

### "Z" VARIANT

#### DLS713 Z

OL ONLY DES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

#### **DLS714** 190mm

18Vx2

18V | **/LXT** 

## **Cordless Slide Compound Miter Saw**



#### High power delivered by Brushless motor, enables to cut as fast as AC slide compound miter saw.

- Automatic speed control; automatically changes the cutting speed according to load conditions for an optimum operation.
- Double sliding mechanism; Makita advantages obtained by using 4 short steel poles with 4 linear ball bearings
- Bevel angle: 45 degrees left to 5 degrees right

	SOU BL ADT
Max output	1,200W
Max cutting capacity	at 0 degrees : 52x300mm / at 45 de
	at 5 degrees right:40x300mm

wax output	1,20044			
Max cutting capacity	at 0 degrees: 52x300mm / at 45 degrees left:40x300mm			
	at 5 degrees right:40x300mm			
Blade diameter	190mm			
No load speed (rpm)	5,700			
Dimensions (L x W x H)	655x430x445mm			
Net weight	12.6kg			

Standard Equipment: Hex wrench

## "Z" VARIANT

## DLS714 Z

ITH CARRY CASE) (DOES NOT INCLUDE BATTERY / CHARGER)

## **DLS600** 165 mm

**Cordless Compound Miter Saw** 



#### High accuracy + Lightweight + Cordless

- Suitable for Cutting Baseboard and Ceiling Trim, etc.
- Compact and lightweight body provides excellent portability

	(max) 45 45 MASH ED	18
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Blade Diameter	165 mm
Miter Angle	52° L / 52° R
Bevel Angle	46° L / 46° R
Max Cutting Capacity	90° Miter: 46 x 92 mm
No Load Speed (RPM)	5,000
Dimensions (L x W x H)	340x400x440 mm
Net weight	6.6 kg

Standard Equipment: Vertical Vise, Hex Wrench, Triangular Rule

## AVAILABLE VARIANTS

"Z" VARIANT

DI \$600 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

## LS1219L 305mm



#### **Slide Compound Miter Saw**



#### Single sliding system enables smooth operation to produce superior cuts

- Large turn base supports workpiece securely for increased stability
- Integrated guide fences for increased rigidity and high cutting accuracy
- Increased dust extraction rate for a cleaner work environment
- Rail-forward design enables to be placed against a wall for maximizing work space
- Independent laser switch Laser marker



Continuous rating input	1,800W
Blade Diameter	305 mm
Bevel Angle	60° L / 60° R
Miter Angle	48° L / 48° R
Max Cutting Capacity	90°: 107 x 363 mm
(Bevel/Miter)	45°: 107 x 255 mm
No Load Speed (RPM)	3,200
Dimensions (L x W x H)	898x644x725 mm
Net weight	29.3 kg
Power supply cord	2.5 m

Standard Equipment: Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench

#### LS1019L 260 mm



#### **Slide Compound Miter Sa**



#### Single sliding system enables smooth operation to produce superior cuts

- Large turn base supports workpiece securely for increased stability
- Integrated guide fences for increased rigidity and high cutting accuracy
- · Increased dust extraction rate for a cleaner work environment
- Rail-forward design enables to be placed against a wall for maximizing work space
- Independent laser switch Laser marker



Continuous rating input	1,510W
Blade Diameter	260 mm
Bevel Angle	48° L / 48° R
Miter Angle	60° L / 60° R
Max Cutting Capacity (Bevel/Miter	r) 90°/45°LR: 68 / 218 mm
	90°/45°LR: 91 / 197 mm
No Load Speed (RPM)	3,200
Dimensions (L x W x H)	805x644x660 mm
Net weight	26.3 kg
Power supply cord	2.5 m

Standard Equipment: Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

MULTI-TOOL

ROUTERS / PLANERS

HEAT GUN /

NAILERS / STAPLERS

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### LS1018LN 255mm



## Slide Compound Miter Saw



## Bevel cutting 45 degrees left and right

- Ergonomically designed rubberized soft grip provides more control and comfort
- Laser marker for easy cut line alignment

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Continuous rating Input	1,430W		
Max cutting capacity	at 0 degrees : 91 x 305mm		
	at 45 degrees : 91 x 215mm		
Blade diameter	255 - 260mm		
Blade bore	15.88 / 30mm (Ring 16)		
No load speed (rpm)	4,300		
Dimensions (L x W x H)	536 x 825 x 633mm		
Net weight	19.9kg		
Power supply cord	2.5m		

**Standard Equipment:** Vertical Vise, Socket Wrench, Triangular Rule, Dust Bag, Holder Assembly

## **LS0815FL** 216mm



## Slide Compound Miter Sav



## High dust extraction for clean work environment

- Max cutting depth of 65mm at 90° and 50mm at 45° bevel left.
- Laser marker for easy cut line alignment.
- Easy bevel angle change from 45° to 48° left and from 0° (right angle) to 5° right with simple operation of a push-button.
- Miter range of 50° left and 60° right with positive stops at 0°, 15°, 22.5°, 31.6°, 45° left/right, 50° left and 60° right

## 

Continuous rating input	1,400W
Max cutting capacity	at 0 degrees : 65x305mm
	at 45 degrees : 50x305mm
Blade diameter	216mm
No load speed (rpm)	5,000
Dimensions (L x W x H)	755x450x488mm
Net weight	14.1kg
Power supply cord	2.5m

**Standard Equipment:** Socket wrench, Dust bag, Holder set, Vertical vise, Triangular rule

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

LS0714 190mm



**Slide Compound Miter Saw** 



Double sliding mechanism makes it lighter and more compact, requiring smaller work space, allowing quick storing and easy transport

- Max cutting capacity 300mm (width) (11-3/4").
- All the four rails ride on a linear ball bearings which creates dual sliding of saw head

	45° 5°	K	153	ww	
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Continuous rating Input	1,010W
Max cutting capacity	at 0 degrees : 52mm x 300mm (2-1/16" x 11-3/4")
	at 45 degrees : 52mm x 212mm (2-1/16" x 8-3/8")
Blade diameter	190mm (7-1/2")
Blade bore	20mm
No load speed	6,000rpm
Dimensions (L x W x H)	670mm x 430mm x 458mm (26-3/8" x 17" x 18")
Net weight	13.1kg (28.9lbs)
Power supply cord	2.5m (8.2ft)

**Standard Equipment:** Socket Wrench, Dust Bag, Holder Set, Vertical Vise, Triangular Rule

## LS1040 255mm



**Compound Miter Saw** 



#### **Robust construction for consistently accurate cuts**

- Bevel cuts to 45 degrees left
- Pivoting fence provide efficient support to stock



Continuous rating Input	1,650W				
Max cutting capacity	at 0 degrees : 90.5 x 95mm (3-9/16" x 3-3/4")				
	at 45 degrees : 90.5 x 67mm (3-9/16" x 2-5/8")				
Blade diameter	255 - 260mm (10"- 10-1/4")				
Blade bore	15.88 / 30mm (Ring 16)				
No load speed	4,600rpm				
Dimensions (L x W x H)	530 x 532 x 476mm (20-7/8" x 21" x 18-3/4")				
Net weight	12.4kg (27.3lbs)				
Power supply cord	2.5m (8.2ft)				

**Standard Equipment:** Socket Wrench, Dust Bag, Holders 2, Vertical Vise, Triangular Rule

NAILERS / STAPLERS

HEAT GUN /

CLEANING

JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM LS1440 355mm



Miter Saw



#### Clean miter cutting up to 45 degrees, right or left

- Self-aligning center plates on the guide fence for less splintering
- Large cutting capacity with 355mm (14") blade



Continuous rating Input	1,380W				
Max cutting capacity	at 0 degrees : 122 x 152mm (4-13/16" x 6")				
	at 45 degrees : 122 x 115mm (4-13/16" x 4-1/2")				
Blade diameter	355mm (14")				
Blade bore	25mm				
No load speed	3,200rpm				
Dimensions	596 x 530 x 435mm				
(L x W x H)	(23-1/2" x 20-7/8" x 17-1/8")				
Net weight	34.2kg (75.4lbs)				
Power supply cord	2.5m (8.2ft)				

Standard Equipment: Socket Wrench, Vise Assembly, Dust Bag, Holder Set

## MLS100N 255mm



**Miter Saw** 



#### Compact and robust construction for more accurate cuts

- Same performance, precision and durability as LS1040
- Bevel cuts to 45 degrees left



Continuous rating Input	1,500W
Max cutting capacity	at 0 degrees : 75 x 90mm
	at 45 degrees : 48 x 90mm
Blade diameter	255 mm
No load speed	4,200rpm
Dimensions (L x W x H)	610 x 485 x 515mm
Net weight	14.7kg
Power supply cord	2.5m (8.2ft)

Standard Equipment: Socket Wrench, Dust Bag, Holders 2, Vertical Vise, Triangular Rule

## LH1201FL 305mm



#### **Table Top Miter Saw**





### Max. cutting width up to 200mm

- Able to cut two layers of 192mm x thickness 23mm wood floorings in a single stroke
- Sturdy cast aluminum table
- · Laser marker allows for easy ink line alignment
- 4 LED job lights provides a clear view of ink line even in dark places when the tool is used as a miter saw



degrees : 95 x 155mm (3-3/4"x6-1/8") degrees : 64 x 155mm (2-1/2"x6-1/8") nm (12") o x 535 x 692mm (24" x 21" x 27-1/4")
nm (12") ) x 535 x 692mm (24" x 21" x 27-1/4")
) x 535 x 692mm (24" x 21" x 27-1/4")
c 535 x 692mm (24" x 21" x 27-1/4")
kg (45.6lbs)
(8.2ft)
-

Standard Equipment: Vertical vise, Dust bag, Guide rule, Ring, Triangular rule, Push stick, Blade cover, Socket wrench, Holder set

#### LH1040 260mm









#### Miter saw and table saw packed in one tool for great versatility

- Weighs only 14.3kg for easy transport to job sites.
- With sturdy cast aluminum table.
- Anti-restart switch protects user from accidental start.
- Powerful 1,650W motor allows easy rip cutting



2712 315mm

**Table Saw** 

Blade diameter

Net weight

No load speed (rpm)

Dimensions (L x W x H)

Power supply cord

**Bevel cutting capacity (degrees)** 

**Continuous rating Input** Max cutting capacity

Continuous rating Input	1,650W					
Max cutting capacity	at 0 degrees : 93 x 95mm (3-5/8" x 3-3/4")					
	at 45 degrees : 53 x 95mm (2-1/6" x 3-3/4")					
Table saw mode	40mm					
Blade diameter	260mm (10-1/4")					
Blade bore	15.88 / 30mm (Ring 16)					
No load speed	4,800rpm					
Dimensions (L x W x H)	530 x 476 x 535mm (20-7/8" x 18-3/4" x 21")					
Net weight	14.3kg (31.5lbs)					
Power supply cord	2.5m (8.2ft)					

Standard Equipment: Rip Fence, Set Plate, Holder, Blade Cover, Push Stick, Socket Wrench, Triangular Rule, Sub Plate Assembly, Dust Bag

315mm table saw with induction motor

• The table saw installs the connection for vacuum.

• The table saw has two wheel for transportation

220V: 2 000W / 127V: 1 760W

at 0 degrees: 85mm (3-3/8") at 45 degrees : 58mm (2-1/4")

1,670 x 700 x 810mm (65-3/4" x 27-1/2" x 32")

315mm (12-3/8")

52.9kg (116.6lbs)

3.0m (9.8ft)

50Hz: 2,950 60Hz: 3,400

0 - 45

Standard Equipment: Rip fence, Miter gauge, Wrenches, Push stick, Extension Table

• Left extension sub-table is provided.

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **LF1000** 260mm





#### Light weight motor enables quick conversion of table and mitersaw

- Tough motor ideal for cutting material with load, bevel cut (max. 45 degrees left), cutting thick material.
- Compact fold away legs allow easy transport to job site.
- Rigid cast aluminium table.

Flip Over Saw







Continuous rating Input	1,650W
Max cutting capacity	at 0 degrees : 20mm x 210mm
	(13/16" x 8-1/4)
	at 45 degrees : 50mm x 150mm (2" x 5-7/8")
Table saw mode	70mm
Blade diameter	260mm (10-1/4")
Blade bore	15.88 / 30mm (Ring 16)
No load speed	2,700rpm
Dimensions (L x W x H)	Miter saw : 660 x 650 x 800 (1,220)mm
	(26" x 25-1/2" x 31 (48)")
	Table saw : 660 x 650 x 845 (1,060)mm
	(26" x 25-1/2" x 33-1/4 (41-3/4)")
Net weight	36.0kg (79.4lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Rip Fence, Bevel Guide, Push Stick, Blade Guard, Dust Cover, Dust Bag,

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL



MLT100N 260mm



### Sliding left extension sub-table is provided

- Right and rear extension table enables greater cutting capacity.
- Safety guard is installable and removable without tool.
- On-tool storage for accessories is provided.

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	1,50000
Capacity	at 0 degrees : 91mm (3-9/16")
	at 45 degrees : 63mm (2-1/2")
Blade diameter	260mm
No load speed (rpm)	4,300
Dimensions (L x W x H)	726 x 984 x 333mm (28-1/2"x38-3/4"x13-1/8")
Net weight	34.1kg (75.2lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Rip Fence, Miter Gauge, Wrenches, Push Stick, Triangular Rule

## 2704N 255mm (10")



**Table Saw** 





#### Rigid, precision cutting, high spec table saw

- Machined saw table with high rigidity delivers accurate cutting work.
- Powerful motor enables ripping 4" x 8" wood with telescopic sub table.
- Rip fence with very smooth sliding movement with anti-lifting T-shaped rail.
- Side and rear extension tables available as option

## 153 MM

Continuous rating Input	1,650W
Capacity	at 90° degrees : 91mm
	at 45º degrees : 63mm
Blade diameter	255mm
Blade bore	15.88 / 25.4mm
No load speed	4,800rpm
Bevel cutting capacity (degrees)	-0.5 - 45.5
Dimensions (L x W x H)	665 x 766 x 344mm
Net weight	34.9kg
Power supply cord	2.5m

Standard Equipment: Rip Fence, Miter Gauge, Wrenches , Push Stick, Ring

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM 2703 255mm (10")

**Table Saw** 





#### Smooth precision cutting on a large table; 686 x 560mm (27" x 22")

- Riving knife moves together with saw blade.
- Powerful 1,650W motor.
- Lightweight (18kg) for easy transportation

## **□ 153** MM

Continuous rating Input	1,650W				
Max cutting capacity	at 0 degrees : 91mm (3-9/16")				
	at 45 degrees : 63mm (2-1/2")				
Blade diameter	255mm (10")				
Blade bore	15.88 / 30mm (Ring 16)				
No load speed (rpm)	4,600rpm				
Dimensions (L x W x H)	686 x 560 x 308mm (27" x 22" x 12-1/8")				
Net weight	18.0kg (39.6 lbs)				
Power supply cord	2.5m (8.2ft)				

Standard Equipment: Rip Fence, Miter Gauge, Offset Wrench, Wrench, Holder Cap Opener

## LB1200F







-AC

#### **High efficiency**

- Job light is convenient in dark place
- Easy to replace bandsaw blade by one touch lever
- Dust box is provided
- Easy to move with casters



Continuous rating Input	900W
Capacity	Thickness of cut: 165mm (6-1/2")
	Throat : 305mm (12")
Blade speed	Hi : (50Hz)800 (60Hz)1,000m
	((50Hz)2,624 (60Hz) 3,280ft) / min
	Lo : (50Hz)400 (60Hz)500m
	((50Hz)1,312 (60Hz) 1,640ft) / min
Dimensions	615 x 775 x 1,600mm
(L x W x H)	(24-1/4" x 30-1/2" x 63")
Net weight	81.2kg (179.0lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Rip Fence, Angle Rule, Push Stick, Hex Wrench



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

MULTI-TOOL

CIRCULAR	SAW RANGE							ROUTERS / PLANERS
	415mm	355mm	260-270mm	235mm	185 -190mm	165mm	85mm	
XGT			HS011G 40V MAX (Bore size: 25mm)	HS009G	HS004G 40V MAX (Bore size: 20mm) RS001G (185mm)	HS012G 40V MAX (Bore size: 20mm)		NAILERS / STAPLERS
			RSOO2G (260mm) 40V MAX (REAR HANDLE) (Bore size: 25mm)	(Bore size: 25mm)	40V MAX (REAR HANDLE) (Bore size: 20mm)	40V MAX (PLUNGE CUT) (Bore size: 20mm)		HEAT GUN / LASER
					DUCZOS	DHS660		
LXT				DHS900	DHS783 18V X 2 LXT (Bore size: 20mm)	DHS661 DHS680		CLEANING
LAI				18V X 2 LXT	DRS780 (185mm)	18V LXT (Bore size: 20mm)		
				(Bore size: 25mm)	18V LXT (REAR HANDLE) (Bore size: 20mm)	DSP600 DSP601		OPE
					(Bore Size: Zomm)	18V X 2 LXT (PLUNGE CUT)		
						(Bore size: 20mm)		JOBSITE TOOLS
CXT							HS301D 12V MAX CXT (Bore size: 15mm)	10013
					HS7010		(	SPECIALTY TOOLS
n.C					1,600W (Bore size: 20mm)	SP6000		
AC	5402 1,750W	5143R 2,200W	HS0600 2,000W	N5900B 2,000W (Bore size: 30mm)	5007N (185mm) 1,800W (Bore size: 20mm)	(PLUNGE CUT) (Bore size: 20mm)		HAND TOOLS / COMBINATION SET
	(Bore size: 25mm)	(Bore size: 30mm)	(Bore size: 25mm)	(DOTE SIZE, DOTTIN)	5800NB (180mm)			
					900W (Bore size: 20mm)			TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

DRILLING /

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **HS011G** 260-270mm

40V MAX | **₹**₹

#### 40V MAX XGT - Cordless Circular Saw



BLADE POSITION RIGHT HAND

• Max cutting depth: 101mm

- With a maximum bevel capacity of 1° left and 60° right, positive stops at 22.5°
- Work amount: Approx 40 cuts (Material: 90mm x 10v00mm Oak wood with fully charged 5.0Ah XGT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design

COMPATIBLE WITH GUIDE RAIL
WITHOUT AN ADAPTER

Blade Diameter	260 - 270 mm
Bore Diameter	25mm / 25.4mm
Max Cutting Capacity	0°: 97 - 101 mm / 45°: 68 - 71 mm
No Load Speed (RPM)	3,500
Dimensions (L x W x H)	453 x 196 x 336 mm
Net weight	4.8 kg (without battery)

Standard Equipment: Sub Base, Hex Wrench

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
HS011G T2 INCLUDES 2 BATTERIES / 1 CHARGER / / MAKPAC CONNECTOR CASE	HS011G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / / CARRYING CASE)	

#### **HS009G** 235mm

40V MAX | **₹**₹

#### Cordless Circular Saw



**BLADE POSITION** 

- · Max cutting depth: 85mm
- With a maximum bevel capacity of 1° left and 60° right, positive stops at 22.5°
- Work amount: Approx 120 cuts (Material: 80mm x 300mm Oak wood with fully charged 5.0Ah XGT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design

	EL XPT AWS	COMPATIBLE WITH GUIDE RAIL WITHOUT AN ADAPTER
Blade Diameter	235 mm	
Bore Diameter	20mm	
Max Cutting Capacity	0°: 85 mm / 45°: 6	1 mm / 60°: 44 mm
at t to topped	4.000	

nm No Load Speed (RPM) 413 x 196 x 316 mm Dimensions (L x W x H) Net weight 4.3 kg (without battery)

Standard Equipment: Sub Base, Hex Wrench

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
HS009G T2 INCLUDES 2 BATTERIES / 1 CHARGER / / MAKPAC CONNECTOR CASE	HS009G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / / CARRYING CASE)

40V MAX | X

## **HS004G** 185-190mm Cordless Circular Say



**BLADE POSITION** 

- Max cutting depth: 62.5mm
- With a maximum bevel capacity of 0°- 48°, positive stops at 22.5° and 45°.
- Work amount : Approx 145 cuts (Material: 60mm x 300mm Melapi with fully charged 4.0Ah XGT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance
- ADT indicator lamp: Blinks green to indicate that the tool is overloaded

COMPATIBLE WITH GUIDE RAIL WITHOUT AN ADAPTER

Blade Diameter	190 / 185 mm
Bore Diameter	20mm
Max Cutting Capacity	0°: 62.5 / 60 mm
	45°: 44.5 / 43 mm
	48°: 42 / 41 mm
No Load Speed (RPM)	6,000
Dimensions (L x W x H)	337x210x290 mm
Not woight	2 / kg (without battory)

Standard Equipment: Hex Wrench, Guide Rule

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
HS004G M2 INCLUDES 2 BATTERIES / 1 CHARGER / BLUETOOTH CHIP / MAKPAC CONNECTOR CASE	HS004G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

## **HS012G** 165mm

Cordless Circular Say

40V MAX | (XS)



BLADE POSITION LEFT HAND

- Max cutting depth: 57mm
- With a maximum bevel capacity of 0-50°, positive stops at 22.5° and 45°.
- Work amount : Approx 110 cuts (Material: 50mm x 300mm Melapi with fully charged 2.5Ah XGT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design
- · Compatible with guide rail using an adapter

## A MED AOVER BA XPT AWS

Blade Diameter	165 mm
Bore Diameter	20 mm
Max Cutting Capacity	0°: 57 mm
	45°: 41 mm
No Load Speed (RPM)	5,200
Dimensions (L x W x H)	298 x 157 x 246 mm
Net weight	2.48 kg (without battery)

Standard Equipment: Guide rule, Dust nozzle, Hex wrench (Optional: Bluetooth chip)

AVAILABLE VARIANTS	
2.5Ah	"Z" VARIANT
HS012G D2 INCLUDES 2 BATTERIES / 1 CHARGER / / MAKPAC CONNECTOR CASE	HS012G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / / CARRYING CASE)

**DHS900** 235 mm

18V+18V | **LXT** 

#### Lithium-ion Cordless Circular Saw

BLADE POSITION
RIGHT HAND

- Max cutting depth: 85mm
- With a max bevel capacity of 0-50°, positive stops at 22.5° and 45°.
- Work amount : Approx 110 cuts (Material: 80mm x 300mm Oak wood with fully charged 5.0Ah x 2 LXT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design.
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance
- ADT indicator lamp: Blinks green to indicate that the tool is overloaded

(nam) (a) (D) (A) (MATERIAL POLICE	COMPATIBLE WITH GUIDE RAIL WITHOUT AN ADAPTER
Blade Diameter	235 mm
Bore Diameter	30mm
Max Cutting Capacity	90°: 85 mm   45°: 61 mm   60°: 44 mm
No Load Speed (RPM)	4,500
Vibration Level	2.5 m/s <sup>2</sup>
Sound Pressure / Power Level	93 dB(A) / 104 dB(A)
Dimensions (L x W x H)	413x196x316 mm
Net weight	4.6 kg (without battery)
Standard Equipment: Hex Wrench	

5.0Ah

5.0Ah	"Z" VARIANT
DHS900 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER / MAKPAC CONNECTOR CASE (DOES NOT INCLUDE BLUETOOTH CHIP)	DHS900 ZU TOOL + BLUETOOTH ONLY (DOES NOT INCLUDE BATTERY / CHARGER / MAKPAC CASE) DHS900 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH
	TOOL ONLY

DHS783 185-190mm

18V+18V | /LXT

BLADE POSITION
RIGHT HAND CONCRETE
DRILLING /
DEMOLITION

MIXING / STIRRING

DRILLING / FIXING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

STAPLERS

HEAT GUN /

NAILERS /

18V | **ZXT** 

**BLADE POSITION** 

**RIGHT HAND** 

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### 18V + 18V LXT - Lithium-ion Cordless Circular Saw



• Max cutting depth: 62.5mm

- With a max bevel capacity of 48°, positive stops at 45°
- Work amount: Approx 140 cuts (Material: 50mm x 300mm melapi with fully charged 5.0Ah x 2 LXT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design.
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance
- ADT indicator lamp: Blinks green to indicate that the tool is overloaded

	COMPATIBLE WITH GUIDE RAIL WITHOUT AN ADAPTER	
Blade Diameter	190 / 185 mm	
Bore Diameter	20mm	
Max Cutting Capacity	90°: 62.5 / 60 mm   45°: 44.5 / 43 mm   48°: 42 / 41 mm	
No Load Speed (RPM)	6,000	
Vibration Level	2.5 m/s² or less	
Dimensions (L x W x H)	348x210x290 mm	
Net weight	3.8 kg (without battery)	

Standard Equipment: Hex Wrench

5.0Ah	"Z" VARIANT
DHS783 T2JU INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER / MAKPAC CONNECTOR CASE + BLUETOOTH CHIP	DHS783 ZU TOOL ONLY + BLUETOOTH CHIP (DOES NOT INCLUDE BATTERY / CHARGER + MAKPAC CASE)

## **DHS661** 165 mm

18V | <u>LXT</u>

#### **Cordless Circular Saw**



BLADE POSITION RIGHT HAND

- Max cutting depth: 57mm
- With a max bevel capacity of 50°
- Work amount: Approx 200 cuts (Material: 38mm x 89mm SPF2 x 10 with fully charged 5.0Ah LXT battery)
- Aluminum base plate, Magnesium blade guard, and plastic blade cover
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance
- ADT indicator lamp: Blinks green to indicate that the tool is overloaded

	(RACE) (A) ED	(18V BL XPT ADT AWS)
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Blade Diameter	165 mm
Hole Diameter	20 mm
Max Cutting Capacity	90°: 57 mm / 45°: 41 mm / 50°: 37 mm
No Load Speed (RPM)	5,000
Vibration Level	Cutting Wood: 2.5 m/s <sup>2</sup> or less
Sound Pressure / Power Level	93 dB(A) / 104 dB(A)
Dimensions (L x W x H)	270x186x250 mm
Net weight	2.5 kg (without battery)

Standard Equipment: Hex wrench, Rip fence, Dust nozzle.

5.0Ah	"Z" VARIANT
DHS661 RTJU INCLUDES 2 BATTERIES / 1 CHARGER / BLUETOOTH CHIP / MAKPAC CASE	DHS661 ZJU TOOL WITH BLUETOOTH CHIP & MAKPAC CASE (DOES NOT INCLUDE BATTERY / CHARGER)

**DHS660** 165 mm

Cordless Circular Saw



Max cutting depth: 57mm

- With a max bevel capacity of 50°
- Work amount: Approx 200 cuts (Material: 38mm x 89mm SPF2 x 10 with fully charged 5.0Ah LXT battery)
- Aluminum base plate, Magnesium blade guard, and plastic blade cover
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance
- ADT indicator lamp: Blinks green to indicate that the tool is overloaded

(CAX) (SET START) ED	(18V SL. XPTADT
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Blade Diameter	165 mm
Hole Diameter	20 mm
Max Cutting Capacity	90°: 57 mm / 45°: 41 mm / 50°: 37 mm
No Load Speed (RPM)	5,000
Vibration Level	Cutting Wood: 2.5 m/s <sup>2</sup> or less
Sound Pressure / Power Level	93 dB(A) / 104 dB(A)
Dimensions (L x W x H)	270x186x250 mm
Net weight	2.5 kg (without battery)

Standard Equipment: Hex wrench, Rip fence, Dust nozzle.

5.0Ah	"Z" VARIANT
DHS660 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHS660 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DHS680** 165mm

18V | /LXT

#### **Cordless Circular Saw**



BLADE POSITION LEFT HAND

Max cutting depth: 57mm

- With a max bevel capacity of 50°
- Work amount: Approx 125 cuts (Material: 38mm x 235mm SPF2 x 10 with fully charged 3.0Ah LXT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design.
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance
- ADT indicator lamp: Blinks green to indicate that the tool is overloaded

© MK ID (18V Sh. XPT ADT

Max cutting capacity	at 0 degrees : 57mm   at 45 degrees : 41mm   at 50 degrees : 37mm
Blade diameter	165mm
Bore diameter	20mm
No load speed (rpm)	5,000
Dimensions (L x W x H)	350x170x238mm
Net weight	2.62kg

Standard Equipment: Hex wrench, Rip fence, Dust nozzle.

**5402** 415mm

**Circular Saw** 

153 ww

The biggest portable ever

• Yet, surprisingly light at 14kg (30.8lbs) for easy wood cutting

• Cuts 157mm (6-3/16") at 90 degrees and 106mm (4-3/16") at 45 degrees

AVAILABLE VARIANTS		
	3.0Ah	"Z" VARIANT
DHS680 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHS680 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DHS680 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

## **HS301D** 85mm

12V MAX | (CXT)

#### **Cordless Circular Saw**



BLADE POSITION RIGHT HAND

## **Compact and Handy**

- Max cutting depth: 25.5mm
- With a max bevel capacity of 45°
- Work amount: Approx 125 cuts (Material: 12mm x 300mm plywood with fully charged 2.0Ah CXT battery)



Max cutting capacity	at 0 degrees : 25.5mm   at 45 degrees : 16.5mm
Blade diameter	85mm
Bore diameter	15mm
No load speed (rpm)	1,500
Dimensions (L x W x H)	313x170x155mm
Net weight	1.6kg

Standard Equipment: Hex wrench, Dust nozzle

4.0Ah	2.0Ah	"Z" Version
	HS301D WAE INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	HS301D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

## **5143R** 355mm

**BLADE POSITION** 

RIGHT HAND





BLADE POSITION

-AC

### 355 mm SJS Circular Saw, Electric Brake, Soft Start

- Equipped with SJS (Super Joint System)
- More efficient chip/sawdust ejection
- With anti kickback riving knife
- Two parallel gauge can fix material securely
- Safety cover with roller makes feeding of material smooth and prevents score on surface of material
- Flat-end motor housing for easy blade changes



Continuous rating input	2,200W
Blade Diameter	355 mm (14")
Max Cutting Capacity	90°: 130 mm
	45°: 90 mm
No Load Speed (RPM)	2,700
Overall Length	607 mm
Net weight	12.5 kg
Power supply cord	5.0 m

Standard Equipment: Hex Wrench, Rip Fence (Guide Rule)

Continuous rating Input	1,750W
Capacity	at 0 degrees : 157mm
	at 45 degrees : 106mm
Blade diameter	415mm
Blade bore	25mm
No load speed	2,200rpm
Overall length	615mm
Net weight	13.6kg
Power supply cord	5.0m

Standard Equipment: Wrench, Hex Wrench, Rip Fence (Guide Rule)

## **HS0600** 260mm / 270mm



#### **Circular Saw**



**BLADE POSITION** 

#### Enables single-pass cutting of 89 mm 4x materials

- Enables single-pass cutting of 89 mm 4x materials
- Large cutting capacity 97 mm at 90° with 260 mm blade, 101 mm at 90° with 270 mm blade and bevel capacity (0°-50°)
- Magnesium components create a lightweight saw that is well balanced and job site tough
- Fine parallel adjustment of the base plate to the saw blade
- Compatible with optional guide rail for increased maneuverability



Continuous rating input	2,000W	
Blade Diameter	260 / 270 mm	
Max Cutting Capacity	0°: 97 / 101 mm	
	45°: 68 / 71 mm	
	50°: 61 / 63 mm	
No Load Speed (RPM)	4,300	
Vibration Level	Cutting Wood: 2.5 m/s² or less	
Sound Pressure Level	94 dB(A)	
Sound Power Level	105 dB(A)	
Dimensions (L x W x H)	418x273x324 mm	
Net weight	6.9 kg	
Power supply cord	2.5 m	

Standard Equipment: Rip Fence (Guide Rule), Hex Wrench

## **N5900B** 235mm







BLADE POSITION

## Provides enough power to rip through most matererials

- Sturdy steel safety cover with industrial durabilty
- High rigidity of rugged steel base provides stability
- Flat-end motor housing for easy blade changes



Continuous rating Input	220V: 2,000W / 127V: 1,650W	
Capacity	at 0 degrees : 85mm	
	at 45 degrees : 60mm	
	at 50 degrees : 53mm	
Blade diameter	235mm	
Blade bore	30 mm	
No load speed	4,100rpm	
Overall length	380mm	
Net weight	7.2kg	
Power supply cord	2 5m	

Standard Equipment: Guide Rule, Wrench 13

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

**BLADE POSITION** 

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## HS7010 185mm



## **Circular Saw**



**BLADE POSITION** 

#### **High Power and Increased Motor-Burnout Resistance**

- Faster cutting
- High Motor durability
- Powerful 1,600 W motor delivers 5,500 RPM for increased performance and job site durability



Continuous rating input	1,600W	
Blade Diameter	185 / 190 mm	
Max Cutting Capacity	0°: 65 / 67 mm	
	45°: 44 / 45 mm	
No Load Speed (RPM)	5,500	
Dimensions (L x W x H)	300x240x261 mm	
Net weight	4.0 kg	
Power supply cord	2.5 m	

Standard Equipment: Rip Fence (Guide Rule), Hex Wrench, Dust Nozzle

**5007N** 185mm



**Designed for all-round easier operation** 

- Powerful 1,800W motor for heavy duty applications.
- Large wrap-around aluminum base and superb cross cut or rip sawing actions
- Rubberized soft grip provides more comfort and control

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K	154	lwii

Continuous rating Input	1,800W
Capacity	at 0 degrees : 63.5mm
	at 45 degrees : 45mm
	at 56 degrees : 35mm
Blade diameter	185mm
Blade bore	20mm
No load speed (rpm)	5,800
Overall length	317mm
Net weight	5.2kg
Power supply cord	2.5m

Standard Equipment: `Hex Wrench, Guide Rule

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **5800NB** 180mm



**Circular Saw** 



BLADE POSITION RIGHT HAND

#### One of our best-selling portable circular saws

Double insulation structure



Continuous rating Input	900W
Capacity	at 0 degrees : 64mm (2-1/2")
	at 45 degrees : 43mm (1-11/16")
Blade diameter	180mm (7-1/8")
Blade bore	20mm
No load speed	4,500rpm
Overall length	272mm (10-3/4")
Net weight	3.5kg (7.7lbs)
Power supply cord	5.0m (16.4ft)

Standard Equipment: Socket Wrench, Rip Fence (Guide Rule)

**RS002G** 260mm







BLADE POSITION LEFT HAND

# Cuts 4X the material in a single pass with a large cutting capacity 95mm

- With a max bevel capacity of 56°, positive stops at 22.5° and 45°.
- Work amount : Approx 80 cuts (Material: 90mm x 300mm Melapi with fully charged 5.0Ah XGT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design.

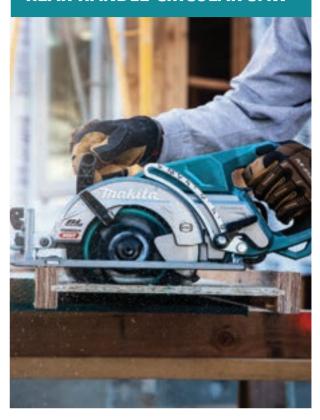
MANUEL XPT AWS

CHUV max ASIA XPT AWS	
Blade Diameter	260 mm
Bore diameter	25mm
Max Cutting Capacity	90°: 95 mm   45°: 70 mm
	56°: 54.5 mm
No Load Speed (RPM)	4,000
Vibration Level	2.5m/s <sup>2</sup> or less
Sound Pressure Level / Sound Power Level	96 dB(A) / 107dB(A)
Dimensions (L x W x H)	489 x 193 x 309 mm
Net weight	5.0kg (without battery)

Standard Equipment: Offset Wrench

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
RS002G T1 INCLUDES 1 BATTERY / 1 CHARGER / / MAKPAC CONNECTOR CASE	RS002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / / CARRYING CASE)

## **REAR HANDLE CIRCULAR SAW**



**RS001G** 185mm

40V MAX | (XS)

## Cordless Rear Handle Circular Sav



BLADE POSITION LEFT HAND

# Cuts 3X the material in a single pass with a large cutting capacity 65mm

- With a max bevel capacity of 53°, positive stops at 22.5° and 45°.
- Work amount: Approx 165 cuts (Material: 60mm x 300mm Melapi with fully charged 5.0Ah XGT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design.
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance

40Vmax EL XPT ADT

THE AUTHOR OF THE PARTY OF THE	
Blade Diameter	185 mm
Bore diameter	20mm
Max Cutting Capacity	90°: 65 mm   45°: 45 mm
	53°: 38 mm
No Load Speed (RPM)	6,400
Vibration Level	2.5 m/s <sup>2</sup> or less
Sound Pressure Level / Sound Power Level	92 dB(A) / 103 dB(A)
Dimensions (L x W x H)	446 x 196 x 270 mm
Net weight	4.3 kg (without battery)

Standard Equipment: Offset Wrench

AVAILABLE VARIANTS	
5.0Ah "Z" VARIANT	
RSOO1G T1 INCLUDES 1 BATTERY / 1 CHARGER / / MAKPAC CONNECTOR CASE	RSOO1G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / / CARRYING CASE)

**DRS780** 185mm

18V | **LXT** 

### **Cordless Rear Handle Saw**



BLADE POSITION LEFT HAND

# Cuts 3X the material in a single pass with a large cutting capacity 65mm

- With a max bevel capacity of 53°, positive stops at 22.5° and 45°.
- Work amount: Approx 160 cuts (Material: 50mm x 300mm Melapi with fully charged 5.0Ah x2 LXT battery)
- Die-cast magnesium base, blade guard, and blade cover provide a lightweight and durable design.
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance

# MAN SHE XPT ADT

Blade Diameter	185 mm	
Max Cutting Capacity	90°: 65 mm	
	45°: 45 mm	
	53°: 38 mm	
No Load Speed (RPM)	5,100	
Dimensions (L x W x H)	446x196x270mm	
Net weight	5.6 kg	

Standard Equipment: Offset Wrench

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"Z" VARIANT

DRS780 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

**SP001G** 165mm

40V MAX | • 💢

# **Cordless Plunge Cut Circular Saw**





# High power for fast and accurate cutting and ripping

- With cutting speeds 10% faster than the 18Vx2 equivalent and 40% faster than the AC equivalent.
- $\bullet$  Large cutting capacity 56 mm at 90°and bevel capacity (-1° 48°) with a positive stop at 22.5°
- Compatible with optional guide rail system for ultra precise straight cutting
- Dual front and rear bevel lock provide additional rigidity for accurate bevel cuts
- Depth stopper for splinter-free cutting enables to easily cut a preliminary groove at a depth of 2 mm
- Easy to set depth adjustment with large scale
- Magnesium components deliver a well balanced and lightweight saw

CONTROL OF SAME	40Vmax el xpt aws
Wheel Diameter	165 mm (6.1/2")

Wheel Diameter	165 mm (6-1/2")
Bore Diameter	20 mm (13/16")
Bevel Capacity	-1 - 48°
Max Cutting Capacity	0°: 56 mm / 45°: 40 mm / 48°: 38 mm
No Load Speed (RPM)	2,500 - 4,900
Dimensions (L x W x H)	347 x 221 x 271 mm
Net weight	3.7 kg (without battery)

Standard Equipment: Hex Wrench

AVAILABLE VARIANTS

"Z" VARIAN

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

# **PLUNGE CUT CIRCULAR SAW**



DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DSP601** 165mm

**Cordless Plunge Cut Circular Saw** 





18Vx2 /LXT

# Precision accurate cutting delivers a splinter-free mirror finish

- Up to 40% Faster Cutting than Corded Model SP6000
- $\bullet$  Large cutting capacity  $5\bar{6}$  mm at 90°and bevel capacity (-1° 48°) with a positive stop at 22.5°
- Compatible with optional guide rail system for ultra precise straight cutting
   Dual front and rear bevel lock provide additional rigidity for accurate bevel cuts
- Duan front and fear bever fock provide additional rigidity for accurate bever cuts
   Depth stopper for splinter-free cutting enables to easily cut a preliminary groove at a depth of 2 mm
- Easy to set depth adjustment with large scale
- Magnesium components deliver a well balanced and lightweight saw

™#™≯36V UHUUHOU <b>BLXPTA</b> WS

Wheel Diameter	165 mm	
Bore Diameter	90°: 56 mm	
Bevel Capacity	45°: 40 mm	
Max Cutting Capacity	48°: 38 mm	
No Load Speed (RPM)	2,500 - 6,300	
Dimensions (L x W x H)	346x241x272 mm	
Net weight	3.7 kg (without battery)	

Standard Equipment: Hex Wrench

AVAILABLE VARIANT

### DSP601

(DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

DRILLING /

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **DSP600** 165mm

18Vx2 /LXT

# Cordless Plunge Cut Circular Saw



1.4 m: 194368-5 3.0 m: 194367-7

### Precision accurate cutting delivers a splinter-free mirror finish

- Up to 40% Faster Cutting than Corded Model SP6000
- Large cutting capacity 56 mm at 90° and bevel capacity (-1° 48°) with a positive stop at 22.5
- Compatible with optional guide rail system for ultra precise straight cutting
- Dual front and rear bevel lock provide additional rigidity for accurate bevel cuts
- Depth stopper for splinter-free cutting enables to easily cut a preliminary groove at a depth of 2 mm
- Easy to set depth adjustment with large scale
- · Magnesium components deliver a well balanced and lightweight saw



Wheel Diameter	165 mm	
Bore Diameter	90°: 56 mm	
Bevel Capacity	45°: 40 mm	
Max Cutting Capacity	48°: 38 mm	
No Load Speed (RPM)	2,500 - 6,300	
Dimensions (L x W x H)	346x241x272 mm	
Net weight	3.7 kg (without battery)	

Standard Equipment: Hex Wrench

### AVAILABLE VARIANTS

DSP600 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / BLUETOOTH CHIP / CARRYING CASE)

ROUTERS / PLANERS

# **JIGSAW**



# **SP6000** 165mm



### **Plunge Cut Circular Saw**





1.4 m: 194368-5

3.0 m: **194367-7** 

### High accurate, clean cutting

- Large cutting capacity 56 mm at 90°and bevel capacity (-1° 48°) with a positive stop at 22.5°
- Depth stopper for splinter-free cutting enables to easily cut a preliminary groove at a depth of 2mm
- Compatible with optional guide rail system for ultra precise straight cutting
- Dual front and rear bevel lock provide additional rigidity for accurate bevel cuts
- Easy to set depth adjustment with large scale
- Magnesium components deliver a well balanced and lightweight saw



Continuous rating Input	1,300W
Capacity	at 0 degrees : 56mm (2-3/16")
	at 45 degrees : 40mm (1-9/16")
	at 48 degrees : 38mm (1-1/2")
Blade diameter	165mm (6-1/2")
Blade bore	20mm
No load speed (rpm)	2,000 - 5,200
Dimensions (L x W x H)	341 x 225 x 250mm (13-3/8" x 8-7/8" x 9-7/8")
Net weight	4.4kg (9.7lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Hex Wrench, Guide Rule

# JV001G





### Cordless Jig Saw





# High accuracy / efficiency, 3 Orbital Settings + Straight Cutting

- More efficient than equivalent AC & LXT models, allowing for smooth and efficient cutting of 48mm thick MDF
- · Higher user-friendliness has been achieved by adding light reduction function, redesigning tool body shape and moreNew Soft no-load with disabling function
- Easy, precise alignment of blade with pencil line at cut starting point
- If the tool detects no-load motor rotation during intermittent operation such as precision cut-out, it switches automatically back to Soft no-load mode
- Less wobbling Improved stability during cutting due to a wider base plate
- Toolless blade clamp (with a blade holder which allows for one-hand blade change)

WON A CAN TO THE REPROSE

	NOLOAD	
Capacity	Wood: 135 mm	
	Steel: 10 mm	
	Aluminum: 20 mm	
Length of stroke	26 mm	
Strokes per minute (spm)	800 - 3,500	
Bevel range	0 - 45°	
Dimensions (L x W x H)	269 x 84 x 189 mm	
Net weight	1.9 kg (without battery)	

Standard Equipment: Cover Plate, Anti-Splintering Device, Hex Wrench.

AVAILABLE VARIANTS	
4.0Ah	"Z" VARIANT
JV001G M2 INCLUDES 2 BATTERIES / 1 CHARGER // MAKPAC CASE	JV001 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

### 18V | /LXT **DJV184**

### **Cordless Jig Saw**



### **3 Orbital Settings Plus Straight Cutting**

- Soft no-load speed mode (with disabling function) reduce vibration and aligns blade with the cutting line easily
- Anti-malfunction switch
- · Compact and Lightweight
- Toolless blade clamp

SO CONTROLLED ( SOUTH NOLLAD NOLLAD		
Capacity	Wood: 135 mm	
	Steel: 10 mm	
	Aluminium: 20 mm	
Length of Stroke	23 mm	
Strokes Per Minute (SPM)	0 - 3,000	
Dimensions (L x W x H)	259 x 78 x 205 mm	
Net weight	1.8 kg (without battery)	

Standard Equipment: Cover Plate, Hex Wrench.

AVAILABLE VARIANTS	
3.0Ah	"Z" VARIANT
DJV184 RFJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DJV184 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

### **DJV180** 18V | **LXT**

### **Cordless Jig Saw**



# High accuracy and high efficiency.

- Low vibration and low noise.
- Toolless push-in lock system enables extremely quick blade changes.
- Rubber Dust Seal at Rod and Retainer shuts out dust.
- Large trigger switch is easy to operate with gloved hand.
- Ergonomically designed handle with rubberized soft grip provides more control and comfort.

	<b>18</b> 7 440 MW
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Capacity	Wood: 135mm (5-5/16")
	Steel : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute (spm)	0-2,600
Dimensions (L x W x H)	257x73x208mm (10-1/8"x2-7/8"x8-3/16")
Net weight	2.8kg (6.1lbs)

Standard Equipment: Cover Plate, Anti-Splintering Device, Hex Wrench.

AVAILABLE VARIANTS
"Z" VARIANT
DJV180 Z TOOL ONLY [OOS NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

### JV103D 12V MAX | CXT

# **Cordless Jig Saw**



# Top handle model most often used for single hand operation

- Faster Cutting and Longer Runtime
- Disabling soft no-load rotation function in operator's preference
- Soft no-load rotation reduces vibration and aligns blade with the cutting line easily
- Toolless blade clamp for easy blade change
- Independent dust nozzle can be attached for connection to Makita vacuum cleaner and doesn't require to be removed even when bevel cutting

SOFT (12/max CXT BL

Capacity	Wood / Aluminum / Mild Steel: 90 / 20 / 10 mm
Length of stroke	23 mm
Strokes per minute (spm)	800 - 3,000
Dimensions (L x W x H)	237x76x206 mm
Net weight	1.9 kg

Standard Equipment: Hex Wrench, Dust Nozzle, Dust Cover, Cover Plate

2.0Ah	"Z" Version
JV103D SA1J INCLUDES 1 BATTERY / 1 CHARGER / MAKPACK CONNECTOR CASE	JV103D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

# 12V MAX | (CXT) JV102D (Barrel handle)

# **Cordless Jig Saw**



### The barrel grip with raised front pommel which allows two-handed control of the machine

- · Faster Cutting and Longer Runtime
- Disabling soft no-load rotation function in operator's preference
- Soft no-load rotation reduces vibration and aligns blade with the cutting line easily
- Toolless blade clamp for easy blade change
- Independent dust nozzle can be attached for connection to Makita vacuum cleaner and doesn't require to be removed even when bevel cutting

SOF NO LOAD	T D
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Max cutting capacity	Wood / Aluminum / Mild Steel: 90 / 20 / 10 mm
Length of Stroke	23 mm
Strokes Per Minute (SPM)	800 - 3,000
Dimensions (L x W x H)	237x76x186 mm
Net weight	1.9 kg

Standard Equipment: Hex Wrench, Dust Nozzle, Dust Cover, Cover Plate

AVAILABLE VARIANTS	
2.0Ah	"Z" Version
JV102D SA1J INCLUDES 1 BATTERY / 1 CHARGER / MAKPACK CONNECTOR CASE	JV102D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

NAILERS /

HEAT GUN /

CLEANING

OPE

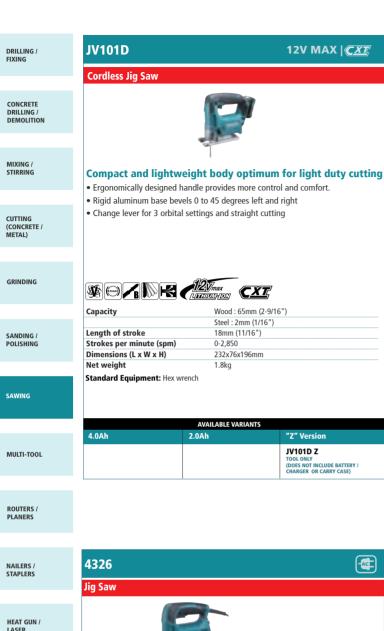
JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET







Specifications:-	64 M
Continuous rating Input	450W
Capacity	In wood at 0 degrees : 65mm (2-9/16")
	In steel at 90 degrees : 6mm (1/4")
Length of stroke	18mm (11/16")
Strokes per minute (spm)	3,100
Dimensions (L x W x H)	224 x 77 x 197mm (8-7/8" x 3" x 7-3/4")
Net weight	1.8kg (4.0lbs)
Power supply cord	2.0m (6.6ft)



DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

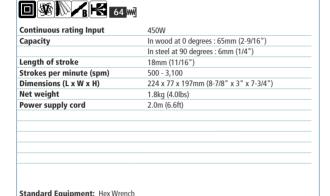
SANDING /
POLISHING

MULTI-TOOL

# -AG 4329 Jig Saw

### Light duty model with continuous input 450W

- 3 orbital settings plus straight cutting
- Variable speed control dial (500-3,100 SPM) enables user to match the speed to the application for optimal cutting performance in a variety of materials.
- Through-the-body dust port provides optimal dust management with use of clear dust cover and vacuum.
- Bevel cuts to 45° right or left and positive stop at 90° for solid cutting performance

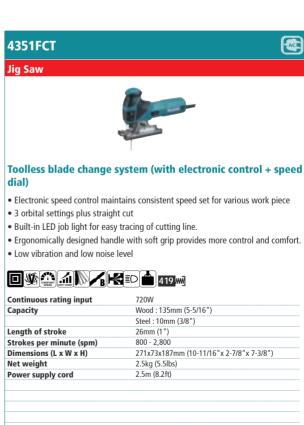






· Built-in LED job light for easy tracing of cutting line

Continuous rating Input	720W
Capacity	In wood at 90 degrees : 135mm (5-5/16")
	In steel at 90 degrees : 10mm (3/8")
Length of stroke	26mm (1")
Strokes per minute	800 - 2,800 spm
Dimensions (L x W x H)	236 x 73 x 207mm (9-1/4" x 2-7/8" x 8-1/8")
Net weight	2.4kg (5.3lbs)
Power supply cord	2.5m (8.2ft



Standard Equipment: Hex wrench, Cover plate, Anti-splintering device

ROUTERS / PLANERS NAILERS / HEAT GUN / CLEANING OPE JOBSITE TOOLS SPECIALTY TOOLS HAND TOOLS /
COMBINATION SET TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



# JR002G 40V MAX | **₹**₹

# **Cordless Reciprocating Saw**



### Achieves high operation efficiency similar or superior to AC models

- Horizontal crank type system
- Counterweight mechanism drastically reduces vibration under loaded.
   Extra-Low Vibration achieved with AVT technology
- Orbital mechanism for high speed wood cutting
- Anti-drop mechanism for shoe minimizes drop of shoe
- Shoe can be removed simply by operating a lever and a button.
- Tool-less shoe adjustment
- Variable speed control by dial enables user to adjust the max cutting strokes

MAN IN ED 40VM	SE XPT AVT
Length of Stroke	32 mm
Strokes Per Minute (SPM)	0 - 3,000
Capacity	Pipe / Wood: 130 / 255 mm
Dimensions (L x W x H)	424 x 97 x 217 mm
Net weight	3.9kg (without battery)

AVAILABLE VARIANTS		
	4.0Ah	"Z" VARIANT
	JR002G M2 INCLUDES 2 BATTERIES / 1 CHARGER / / PLASTIC CASE	JR002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)

### 40V MAX | (XS) **JR001G**

# **Cordless Reciprocating Saw**





### Lightweight, Powerful, Durable and Built to perform

- Smooth cutting with vertical crank system
- Rubber joint structure
- Blade ejection lever is located on the housing side for increased operability



Length of Stroke	32 mm
Strokes Per Minute (SPM)	High / Low: 0 - 3,000 / 0 - 2,300
Capacity	Pipe : 130 mm / Wood: 255 mm
Dimensions (L x W x H)	472x88x239 mm (with 4.0Ah battery)
Net weight	3.5kg (without battery)

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
JR001G M2 INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CASE	JR001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

# **DJR360** 18Vx2 /LXT

# **Cordless Reciprocating Saw**



# Higher durability thanks to more durable mechanism to hold slider & more rigid shoe

- Our most powerful cordless recipro saw yet: Amazing work amount & efficiency
- Higher cutting speed and modified stroke length providehigher cutting efficiency.
- Newly designed vertical crank mechanism minimizes blade deflection and reduces vibration to machine.
- Two 18V LXT Li-Ion batteries deliver the power and run time for corded demands.



Capacity	Pipe : 130mm
	Wood: 255mm
Length of stroke	32mm
Strokes per minute (spm)	Hi : 0-3,000
	Lo : 0-2,300
Dimensions (L x W x H)	448x115x242mm
Net weight	4.0kg

"Z" VARIANT	
DJR360 Z TOOL ONLY (WITH CARRY CASE) (DOES NOT INCLUDE BATTERY / CHARGER)	

18V | /LXT **DJR187** 

### **Cordless Reciprocating Saw**



### High efficiency and More work amount by Brushless DC motor

- Newly designed vertical crank mechanism
- i) Minimizes blade deflection from aiming point especially in metal cutting ii) Reduces vibration of horizontal direction
- Electric 2 speed for wood / metal cutting
- Easy handling by redesigned blade clamp
- Ergonomically designed handle for better operation in every applications



Capacity	Pipe: 130mm
	Wood : 255mm
Length of stroke	32mm
Strokes per minute (spm)	Hi: 0-3,000 / Lo: 0-2,300
Dimensions (L x W x H)	439x83x230mm
Net weight	3.0kg (without battery)

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DJR187 RTE INCLUDES 2 BATTERIES / 1 CHARGER / PLASTIC CARRYING CASE	DJR187 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

**DJR189** 18V | /LXT

### **Cordless Reciprocating Saw**



# Powerful machine in Lightweight / compact design

- Loop shaped handle to enhance housing rigidity and improve cutting efficiency.
- The handle can be gripped one handed and is positioned to allow firm transmission of force to the workpiece.
- A counterweight mechanism designed to reduce tool vibration and lower operator fatique.



Capacity	Pipe: 130 mm
	Wood: 255 mm
Length of stroke	22mm
Strokes per minute (SPM)	0 - 3,100
Dimensions (L x W x H)	366 x 81 x 154mm
Net weight	1.8 kg (without battery)

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DJR189 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CASE	DJR189 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

18V | **ZXT DJR185** 

# **Cordless Reciprocating Saw**



# Two switch levers are available with variable speed control.

- Compact and lightweight handy body.
- Blade clamp compatible with both Recipro and Jig saw blades.
- LED job light with pre-glow function.



Capacity	Pipe : 50mm
	Wood : 50mm
Length of stroke	13mm
Strokes per minute (spm)	0-3,000
Dimensions (L x W x H)	392x81x209mm (15-1/2"x3-3/16"x8-1/4")
Net weight	1.6ka

Standard Equipment: Hex wrench

JR105D	12V MAX   <u>C<i>XT</i></u>
Cordless Reciprocating Saw	



# Two switches (Trigger switch and Paddle switch) in different positions allow various grip positions for easier operation using either trigger.

- Screw-down type blade clamp compatible with both Recipro saw / Jig saw blades
- Best possible ergonomic handle with soft grip fits your hand perfectly to provide maximum comfort and control.
- Battery protection circuit is activated on high battery temperature to protect the battery from damages due to over-discharge, high temperature or overload current.

|--|

Capacity	Pipe : 50mm
	Wood: 50mm
Length of stroke	13mm`
Strokes per minute (spm)	0-3,300
Dimensions (L x W x H)	376x66x186mm
Net weight	1.3kg

Standard Equipment: Hex wrench

AVAILABLE VARIANTS	
2.0Ah	"Z" Version
JR105D WAE INCLUDES 2 BATTERIES / 1 CHARGER / CARRYING CASE	JR105D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# AVAILABLE VARIANTS

"Z"	VARIANT

# **DJR185 Z**

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

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### JR3051T



### Recipro Saw. Orbital



### High power, more compact and high durability

- Delivers superior power and performance with less vibration
- · Smooth Cutting in wood and metal applications
- Increased durability achieved by changing the slider holding mechanism
- Dust proof design 2 : Ring, and rubber seal protect gear housing against dust
- Tool-less blade change system
- Push the red button to adjust shoe positions

303 MM

Continuous rating input	1,2000
Capacity	Pipe : 130 mm (3-1/2")
	Wood: 255 mm (10")
Length of Stroke	30 mm (1-3/16")
Strokes Per Minute (SPM)	0 - 3,000
Dimensions (L x W x H)	447x97x176 mm
Net weight	3.3 kg
Power supply cord	2.5 m

# JR3061T



### Recipro Saw. Orbital



# Vertical Crank Mechanism that minimizes blade deflection from the aiming point especially while cutting metal

- Compact, light in weight and has a high cutting efficiency
- Highly durable machine that is achieved by changing the slider receiving mechanism
- Tool-less blade change and Tool-less shoe adjustment





Continuous rating input	1,250W
Length of Stroke	32 mm
Strokes Per Minute (SPM)	0 - 3,000
Capacity	Pipe : 130 mm
	Wood: 255 mm
Vibration Level	Cutting Boards: 18.5 m/s
	Cutting Wooden Beams: 16.5 m/s
Sound Pressure Level	88 dB(A)
Sound Power Level	99 dB(A)
Dimensions (L x W x H)	487x95x177 mm
Net weight	3.8 kg
Power supply cord	2.5 m

# **JR3070CT**



# Recipro Saw, Orbital



# **Extra-low vibration and extra power**

- Feel its comfort with this machine featuring AVT ; counter weight mechanism which helps to reduce vibration
- Makita's top-end powerful recipro saw
- Preset dial for speed control for optimal stroke speed for application





Continuous rating Input	1,510W
Capacity	In pipe : 130mm (5-1/8")
	In wood : 255mm (10")
Length of stroke	32mm (1-1/4")
Strokes per min (spm)	0-2,800
Dimensions (L x W x H)	485 x 99 x 181mm (19-1/8" x 3-7/8" x 7-1/8")
Net weight	4.6kg (10.0lbs)
Power supply cord	2.5m (8.2ft)

**SJ401** 



# **Scroll Saw**





# Bevel cuts up to 45 degrees to the left and 15 degrees to the

- Tool-free blade change system
- Quick adjustment of blade tension thanks to blade tension lever
- Sturdy cast iron base for stability and less-vibration cutting



Continuous rating Input	50W
Capacity	Thickness of cut : 50mm (2")
	Throat : 406mm (16")
Length of stroke	18mm (11/16")
Strokes per min.	400-1,600 spm
Overall length	600mm (23-5/8")
Net weight	14.1kg (31lbs)

Standard Equipment: Saw Blades 6, Hex Wrench, Blade Change Rod



DC0181 18V | **LXT Cordless Cut-Out Tool** 

Higher performance & easier operation than corded tools

- High power Cuts a layer of two drywalls. ( t=12.5mm )
- High power delivered by BL motor
- Compact, Lightweight and Less vibration
- Lightweight for reduced operator fatigue

MAN XP	T
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Collet Capacity	3 mm, 6 mm or 3.18 mm(1/8"), 6.35 mm(1/4")
No Load Speed (RPM)	32,000
Circumference of Grip Portion	210 mm (8-1/4")
Vibration Level	Rotation w/o Load: 2.5 m/s² or less
Sound Pressure Level	78 dB(A)
Dimensions (L x W x H)	311x79x117 mm
Net weight	1.7kg

Standard Equipment: Wrench

**SD100D** 

AVAILABLE VARIANTS		ARIANTS
	5.0Ah	"Z" VARIANT
	DCO181 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DCO181 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

**DSD180** 18V | <u>LXT</u>

**Cordless Drywall Cutter** 



### Suitable for straight cut in overhead application

- Smooth and powerful cutting at the high rotational speed
- Cutting depth can be adjusted to drywall thickness. • V-notch in base plate helps easy tracing of cutting line.
- Blade cover protects drywall surfaces from damage/ scratches.

Strokes Per Minute (SPM)
Length of Stroke

Strokes Per Minute (SPM)	0- 6,000
Length of Stroke	6 mm
Capacity	Drywall: 30mm
	Wood: 15 mm
Max Output	340W
Vibration Level	Cutting Drywall (thickness 30mm): 2.5 m/s <sup>2</sup>
Sound Pressure Level	79 dB(A)
Dimensions (L x W x H)	263x79x291mm
Net weight	1.9kg

Standard Equipment: Base cover, Hex Wrench

AVAILABLE VARIANTS

"Z" VARIANT

DSD180 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

**Cordless Drywall Cutter** 



12V MAX | **CXT** 

# **Excellent tool balance allows easy overhead application**

- Ideal for cutting holes in drywalls when setting ceiling lights, air vents etc.
- More suitable for straight cuts compared with general cut-out tools
- Dust box designed to catch dust in overhead applications for comfortable work



Strokes Per Minute (SPM)	0 - 6,000
Length of stroke	6 mm (1/4")
Capacity	Drywall: 30 mm
	Wood: 15 mm
Dimensions (L x W x H)	239x79x266 mm
Net weight	1.6 kg

Standard Equipment: Base Cover, Hex Wrench

AVAILABLE VARIANTS

SD100D ZJ
TOOL WITH CARRYCASE (DOES NOT INCLUDE BATTERY / CHARGER)

**Accessories** 



Suitable for Models	For Material	Part No
DSD180, SD100D	Dry wall	B-49703
DSD180, SD100D	Wood	B-49719

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

# DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

JOBSITE TOOLS

OPE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Carbide-tipped saw blade Tooth shape



Added flat teeth to ATB for easy straight cutting



Alternate top bevel (ATB) with a larger top bevel angle



Alternate top alternate face Enables to cut wood fiber sharply.



Added flat teeth to ATAF for easy straight cutting.

MATAFR: Modified ATAFR for less cutting resistance.













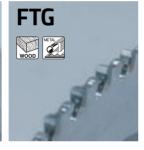


Alternate top bevel

For wood and aluminum.



Tooth front and top shapes symmetric V groove having features of ATB and FTG.



Flat teeth, allows easy straight cutting and tips are rarely chipped. For cutting wood along the grain and cutting thin metal.



arranged alternatively and they divide debris by three. Allows easy straight cutting and tips are rarely chipped.



Trapezoidal and flat teeth are | Flat teeth with alternating bevel Less cutting resistance than flat teeth. Tips are rarely chipped



Contrast to MTCG, asymmetric two bevels on a tooth top producing sharp edges Allows easy bite to materials.











# Technical term



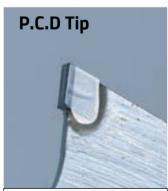
Vibration dampening system Resinbond filled laser cut body slots for smoother and quieter cuts.



PTFE (polytetrafluoroethylene) coating plate to reduce pitch build-up and to lower resistance.



Inserted tooth design will greatly increases the body-to-tip braze area for greater support and tip strength.



PCD (Poly-Crystalline Diamond) tips has extreme hardness and wear resistance. PCD tipped saw blade is the best choice for long lasting performance when cutting fiber cement board.



# **Efficut saw blade for Circular Saw**

Blade Dia (mm)	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	No. of teeth	Hook Angle (deg)	Tooth Shape	Application	Part No.
165	20	1.4	1	25	23	ATAFR	Wood	B-63018
165	20	1.45	1	56	23	ATAFR	Wood/MDF	B-57364
185	20	1.45	1	24	23	ATAFR	Wood	B-62022
185	20	1.45	1	45	23	ATAFR	Wood	B-68616
190	20	1.45	1	24	23	ATAFR	Wood	B-64200
190	20	1.45	1	45	23	ATAFR	Wood	B-68644
235	25	2.2	1.5	24	20	ATBR	Wood	■ E-01959
235	30	2.2	1.5	24	20	ATAFR	Wood	E-01909
260	25	2.15	1.5	24	23	ATAFR	Wood	E-07733
270	25.4	2.15	1.5	24	20	ATAFR	Wood	E-12974

# Efficut saw blade for Plunge Cut Circular Saw

Blade Dia (mm)	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	No. of teeth	Hook Angle (deg)	Tooth Shape	Application	Part No.
165	20	1.4	1	56	23	ATAFR	Wood / MDF	B-57364

# **Efficut saw blade for Slide Compound Miter Saw**

Blade Dia (mm)	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	No. of teeth	Hook Angle (deg)	Tooth Shape	Application	Part No.
165	20	1.85	1.35	60	10	ATAFR	Wood	B-69892
216	25.4	2	1.5	45	10	ATBR	Wood	E-07010
216	25.4	2	1.5	60	10	ATBR	Wood	E-08969
216	25.4	2	1.5	80	10	ATBR	Wood	E-08975
260	30	2.15	1.65	45	18	ATAFR	Wood	B-64624
260	30	2.15	1.65	60	10	ATAFR	Wood	B-67234
260	30	2.15	1.65	80	10	ATAFR	Wood	B-67240
305	30	2.15	1.65	60	10	ATAFR	Wood	B-67256
305	30	2.15	1.65	80	10	ATAFR	Wood	B-67262
305	30	2.15	1.65	100	10	ATAFR	Wood	B-67278



Blade Dia (mm)	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	No. of teeth	Hook Angle (deg)	Tooth Shape	Application	For models	Part No.
185	20	1.5	1	40	15	ATAFR	Composite deck	Circular saw	E-11972
260	30	2.15	1.7	75	8	ATAFR	Composite deck	Slide Compound Miter Saw	E-11988

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION



MIXING / STIRRING

# **Efficut saw blade for Steel Rod Cutter**

CUTTING (CONCRETE / METAL)

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	Hook Angle (deg)	No. of teeth	Tooth shape	Material	Part No.
110	DSC251	34	1.5	1.1	0	24	SMTCG	Metal	E-11097

GRINDING

# **Efficut saw blade for Metal Cutter**

SANDING / POLISHING

SAWING

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	Hook Angle (deg)	No. of teeth	Tooth shape	Material	Part No.
150	DCS553	20	1.1	0.95	0	33	SMTCG	Metal	B-69440
150	DCS553	20	1.1	0.95	0	48	SMTCG	Metal & SUS	B-69456
185	CC002G	20	1.4	1.2	0	45	SMTCG	Metal	E-12918
185	CC002G	20	1.4	1.2	0	60	SMTCG	Metal & SUS	E-12924

MULTI-TOOL

# **Efficut saw blade for Metal Cutting Saw**

ROUTERS / PLANERS

NAILERS / STAPLERS

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate (mm)	Hook Angle (deg)	No. of teeth	Tooth shape	Material	Part No.
305	LC1230	25.4	2.0	1.75	-2	63	SMTCG	Metal	E-12083
305	LC1230	25.4	2.0	1.75	-3	96	SMTCG	Metal, SUS	■ E-19788

HEAT GUN / LASER

CLEANING

OPE

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JOBSITE

HAND TOOLS / COMBINATION SET Efficut saw blade for Circular / Compound Miter Saw - Aluminium

Blade Dia (mm)	(Bore) Hole dia. (mm)	Standard Ring	(Kerf) Tip Thickness (mm)	Plate (mm)	Hook Angle (deg)	No. of teeth	Tooth shape	Material	Used with	Part No.
165	20	-	1.5	1.15	-3	54	SMTCG	Aluminium	Circular Saw / Compound Miter Saw	■ E-16760
185	30	-	1.7	1.35	0	60	SMTCG	Aluminium	Circular Saw	■ E-16813
190	30	20mm ring	1.7	1.35	0	60	SMTCG	Aluminium	Circular Saw / Slide Compound Miter Saw	■ E-16863
216	30	-	1.85	1.5	0	63	SMTCG	Aluminium	Slide Compound Miter Saw	■ E-16916
305	25.4	-	2.0	1.65	-3	81	SMTCG	Aluminium	Slide Compound Miter Saw	E-13281
305	25.4	_	2.0	1.65	-3	96	SMTCG	Aluminium	Slide Compound Miter Saw	E-13340

# **Plunge Cut Saw Blades**

Blades Designed specifically for Plunge Type Saws. Available for cutting both wood and aluminium, they are especially designed for a smooth clean cut. Plunge saw blades comes with a patented technology dampening vibration. The low vibration blades run truer with less wobble easily plunging into material with little effort.



Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Plate (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Application	Part No.
165	SP001G, DSP600, DSP601, SP6000	20	-	1.85	1.25	8	48	ATB	Wood	B-56166
165	SP001G, DSP600, DSP601, SP6000	20	-	2.2	1.6	8	48	ATB	Wood	B-09298
165	SP001G, DSP600, DSP601, SP6000	20	-	2.0	1.4	5	60	TCG	MDF	B-56677
165	SP001G, DSP600, DSP601, SP6000	20	-	2.0	1.4	-3	56	TCG	Aluminum	B-56655
165	SP001G, DSP600, DSP601, SP6000	20	-	2.4	1.7	-3	56	TCG	Aluminum	B-09307
165	SP001G, DSP600, DSP601, SP6000	20	-	2.0	1.4	5	48	TCG	CORIAN®	B-56683

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

MULTI-TOOL

ROUTERS /

NAILERS / STAPLERS

HEAT GUN /

CLEANING

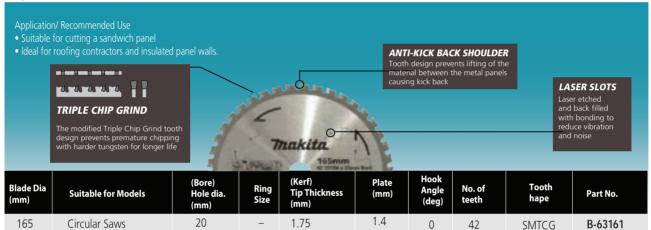
OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS MAKPAC SYSTEM

# Specialized Circular Saw Blade for Sandwich Panel



# **Circular Saw Blade (Standard Range)**

Application/ Recommended Use

• Cross and rip cutting, Wood, Joinery, Carpentry & Cabinet making.

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth hape	Application	Part No.
165	HS012G, DHS660, DHS661, DHS680	20	-	2.0	18	40	ATB	Wood	D-03349
185	HS004G, RS001G, DHS783, DRS780, HS7010, 5007N	30	16, 20	2.0	20	16	ATB	Wood	D-03903
185	HS004G, RS001G, DHS783, DRS780, HS7010, 5007N	30	16, 20	2.0	20	20	ATB	Wood	D-09634
185	HS004G, RS001G, DHS783, DRS780, HS7010, 5007N	30	16, 20	2.0	18	40	ATB	Wood	D-03919
195	HS004G, RS001G, DHS783, DRS780, HS7010, 5007N	25.4	-	2.0	10	80	ATB	Wood	D-16396
235	HS009G, DHS900, N5900B	30	25, 25.4	2.4	20	20	ATB	Wood	D-03925
235	HS009G, DHS900, N5900B	30	25	2.4	18	48	ATB	Wood	D-03931
235	HS009G, DHS900, N5900B	30	25	2.4	15	60	ATB	Wood	D-09640

DRILLING / FIXING

# Circular Saw Blade (Mid Range)

Application/ Recommended Use

• Cross and rip cutting, Wood, Joinery, Carpentry & Cabinet making.

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

Gilliabilia

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Application	Part No.
85	HS301D	15	_	1.0	10	20	ATB	Wood	792623-5
160	HS012G, DHS680, DHS660, DHS661, DHS680	20	-	1.6	18	40	ATAF	Wood	A-80612
160	HS012G, DHS680, DHS660, DHS661, DHS680	20	16	2.8	-5	42	TCG	Wood / Metal	A-02624
165	HS012G, DHS680, DHS660, DHS661, DHS680	20	_	2.0	20	10	FTG	Wood	B-02917
185	HS004G, RS001G, DHS783, DRS780, HS7010, 5007N	30	20	2.0	25	16	ATB	Wood / Nail	A-86050 (Tip Embedded)
190	HS004G, DHS783, HS7010, 5007N	20	-	2.0	20	24	ATAF	Wood	A-87507
235	HS009G, DHS900, N5900B	25	-	2.3	20	20	ATB	Wood	A-89947
235	HS009G, DHS900, N5900B	25	-	2.1	15	40	-	Wood	A-88618
270	HS011G, DHS900, HS0600, RS002G, 5201N	30	25	2.6	15	60	-	Wood	B-01579
335	5103N	30	25	3.0	20	60	ATB	Wood	B-04248
355	5143R	30	-	3.0	20	60	ATAF	Wood	A-80014
415	5402	25	_	2.6	20	60	ATB	Wood	792118-8

# Slide Compound / Miter Saw Blade



Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape		Part No.
165	DSL600	20	-	1.9	10	64	ATAF	Wood	B-56487
165	DSL600	20	-	1.8	5	60	TCG	Aluminium	B-56530
190	DLS713, DLS714, LS0714	20		2.0	10	72	ATAF	Wood	A-86359
216	LS002G, LS0815FL	30	-	2.4	5	48	ATB	Wood	B-39506
216	LS002G, LS0815FL	30	-	2.2	-5	30	TCG	Aluminium	B-09628
255	LS004G, DL5111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	5	32	ATAF	Wood	A-80961 (Tip Embedded)
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	5	40	ATB	Wood	B-03545
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	5	60	ATB	Wood	B-03486
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	5	60	ATAF	Wood	B-11019
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	5	70	ATAF	Wood	B-04597
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	5	80	ATB	Wood	B-03551
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	5	100	ATB	Wood	B-03567
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	25	2.6	15	60	-	Wood	B-01563
305	LS003G, DLS211, LS1219L, LH1201FL	25.4	Use with Ring 257060-5	2.3	5	60	ATAF	Wood	B-02808
305	LS003G, DLS211, LS1219L, LH1201FL	30	15.88	2.3	5	60	ATB	Wood	B-03589
305	LS003G, DLS211, LS1219L, LH1201FL	30	15.88	2.3	5	80	ATB	Wood	B-03595
305	LS003G, DLS211, LS1219L, LH1201FL	30	15.88	2.3	5	100	ATB	Wood	B-03604
355	LS1440	25	-	3.0	20	60	ATB	Wood	A-02618
355	L51440	30	-	3.0	5	80	ATB	Wood	B-04282
380	-	25	-	3.0	10	100	-	Wood	A-01943

# **Table Saw Blade**

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape		Part No.
210	2702 (Not suitable for 2703/2704)	30	25.4	1.9	25	18	ATB	Wood	A-81767 (Tip Embedded)
255	2703, 2704	25.4	-	2.3	20	24	ATB	Wood	B-05000
260	MLT100	30	-	1.8	15	40	-	Wood	<b>D-74077</b> (JM00000385)
315	2712	30	-	2.8	9	40	-	Wood	JM27170005

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Thin Kerf Saw Blade

- Fast Cut / Fine Finish
- Thin kerf for less waste and reduced feed pressure.
- Application: Cross and rip cutting. Wood. Joinery, Carpentry & Cabinet making.

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Part No.
160	HS012G, DHS680, DHS660, DHS661, DHS680	20	-	1.6	18	40	ATAF	A-80612
185	HS004G, RS001G, DHS783, DRS780, HS7010, 5007N	20	-	1.6	18	40	-	A-80628

# **Specialized Blade for Construction Embedded tip for wood with nails (For Construction)**

- Can easily cut through wood embedded with nails and screws
- Extremely tough and hard wearing
- Extended service life and productivity

								-
Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate Thickness (mm)	Hook Angle (deg)	No. of teeth	Pcs/ Pkg	Part No.
235	HS009G, DHS900, N5900B	30	2.6	1.6	20	16	1	B-27274

# 'M' Force Blade (Advanced Tooth Design)

A revolutionary advanced tooth design that sets a new bench mark for blade technology.

The dual bevelled tooth face has sharper cutting edges and the "M" shape is like doubling the tooth count per blade. A greater wear area and more cutting surfaces means the MForce blade will last up to 2 x longer than traditional blades. A narrow kerf and plate reduces friction allowing for a lighter feed pressure, protecting the motor of your saw.



- Ideal for straight cutting.
- Longer lasting.
- Tooth Type/Set: M Force Blades



### Cleaner

'M' shaped 24 tooth has 2 cutting tips that work like a 48 tooth blade!



Faster Bevel tooth face creates sharper edges for an aggressive cut!



Lasts longer Greater wear area and more cutting tips increase the life of the blade by 2x!

# Application/ Recommended Use

Wood, Non Ferrous material, Plastics, Aluminum, Insulation material, etc.

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Part No.
185	HS004G, RS001G, DHS783,	30	16, 20	2.0	15	16	M-FORCE	A-89648
185	DRS780, HS7010, 5007N	30	16, 20	2.0	15	24	M-FORCE	A-89654
235	HS009G, DHS900, N9500B	30	15.88 / 25	2.3	15	20	M-FORCE	B-04117
235	n3003G, Dn3300, N3300b	30	15.88 / 25	2.3	15	40	M-FORCE	B-04123

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

# Specialized for Cutting (MDF) Medium Density Fiber board

• Specially suited for medium density fibre Boards (MDF) Type A: Suitable for Circular Saw Type B: Suitable for Slide Compound Saw / Miter Saw

Blade Dia (mm)	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Туре	Part No.
185	30	16, 20	2.4	12	60	TCG	А	D-17902
235	30	25	2.8	12	80	TCG	А	D-17918
254	30	15.88	3.2	10	100	TCG	В	D-19071
305	30	15.88	3.2	10	120	TCG	В	D-19087

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

**Specilalized Saw Blades for Aluminium** 

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Part No.
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	-5	80	-	B-04151
260	LS004G, DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	15.88	2.3	-5	100	-	B-04167
305	LS003G, DLS211, LS1219L, LH1201FL	30	15.88	2.3	-5	100	-	B-04189
355	LS1440	30	25	3.0	-5	120	-	B-12522

# **Universal Saw Blade for Cutting Wood and Metal**

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	Ring Size	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Part No.
210	For Circular saw	30	25	2.8	-5	54	-	A-02646
255	DLS111, LS1019L, LS1018L, LS1040, LH1040, LF1000, MLS100	30	25	3.2	-5	80	TCG	A-02668

ROUTERS / PLANERS

NAILERS / STAPLERS

MULTI-TOOL

Combination Saw Blade (H.S.S)

Application/ Recommended Use: For rip and cross-cut work. Has fewer teeth than cross cut blade for faster cutting.

Blade Dia (mm)	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	No. of Teeth	Part No.
110	20	0.9	50	792010-8
185	20	1.25	50	792495-8
255	25	1.45	52	792423-3
260	25	1.25	52	792083-1

CLEANING

OPE

HEAT GUN /

# Cross Cut Saw Blade (H.S.S)

Application/ Recommended Use: For smoother cross-grain cuts in wood. Make smoother cuts than combination blade. Type A: Miter saw blade for Wood

Blade Dia (mm)	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	No. of Teeth	Туре	Part No.
110	20	-	60	-	792012-4
415	25	-	100	_	792115-4

Tou

SPECIALTY TOOLS

Ring (for 5/8" = 15.88 mm spindle)

(101 3/6 = 13.00 111111 Spiriu	ie)			
Outer Dia (mm)	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Pcs / Pkg	Part No.
25	15.88	4.0	1	257022-3
25.4	15.88	4.0	1	257060-5
30	15.88	3.0	10	A-87270
30	25.4		1	■ B-21060
30	20		1	■ B-21026

JOBSITE TOOLS

HAND TOOLS / COMBINATION SET

# **Other Specialized Blades**

# For Metal Cutter

A: Cermet tip type (Ceramic / Metal), Long Life

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Material / Application	Туре	Part No.
136	DCS550	20	1.5	0	30	MTCG	Mild steel (1 - 3mm)	-	B-07319
150	DCS553	20	1.5	0	32	MTCG	Mild steel (1 - 3mm)	-	B-46296
150	DCS553	20	1.1	0	60	SMTCG	Stainless/Mild steel (2 mm)	Laser Slit	B-47014
150	DCS553	20	1.1	0	32	TCG	Thick Steel (2 - 12mm)	Laser Slit	■ E-02923
185	4131	20	1.9	0	36	ATB	Mild steel (2 - 6mm)	А	B-04628
185	4131	20	2.0	0	48	MTCG	Thin mild steel (2 - 4mm)	-	A-83967
185	4131	20	1.7	-10	70	FTG	Corrugated thin plate (Less than 2mm)	-	A-86446

# For Portable Cut-Off

Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Hook Angle (deg)	No. of teeth	Tooth Shape	Material / Application	Type	Part No.
305	LC1230	25.4	2.4	0	60	TCG	For cutting mild steel	Laser slit	A-86723
305	LC1230	25.4	2.4	0	78	MTCG	For thinner mild steel	-	A-87127
305	LC1230	25.4	2.3	0	76	-	For stainless steel	-	A-87579
305	LC1230	25.4	2.1	0	60	TCG	For mild steel	-	A-87242

# For for 4100NH Cutter

Model 4100NH is a powerful cutter machine for cutting in stone, masonry, tile, concrete.

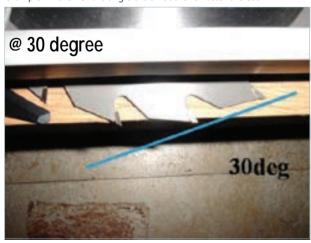
Now Makita developed new T.C.T wood cutting saw blade for cutter 4100NH which make this machine more versatile.



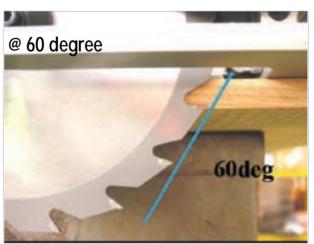
Blade Dia (mm)	Suitable for Models	(Bore) Hole dia. (mm)	(Kerf) Tip Thickness (mm)	Plate Thickness (mm)	No. of teeth	Tooth Shape	Part No.
100	4100NH	20	1.6	1.0	30	-	B-39475

# **Saw Blade Depth Adjustment**

Saw blade depth adjustment is critical for good performance and operator safety. i.e reduce the risk of limb injury while holding the work piece for example. The lower the angle the smoother & faster the cut



Two cutting tips are engaged in a "shaving" position allowing the tooth to cut at a 30 degree angle



Only one cutting tip is engaged in a "chopping" position forcing the tooth to cut at a 60 degree angle.

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

TOOLS

SPECIALT

HAND TOOLS /
COMBINATION SET

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

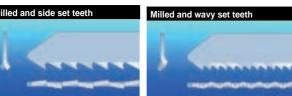
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SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

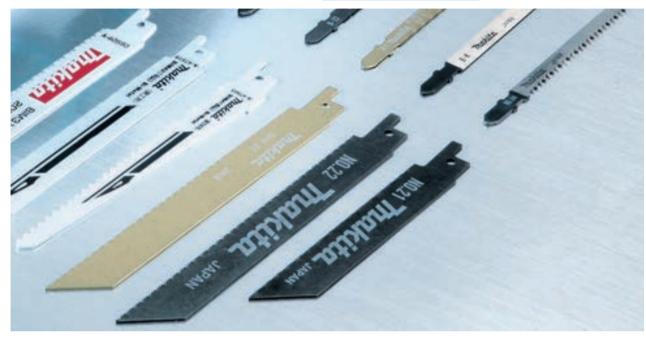
# Milled and side set teeth

**Jig Saw Blade Teeth Type** 









# **Teeth manufacture**



# Milled teeth

- Low cost type of manufacturing
- For general cutting
- Soft to hard materials
- Long blade life

### **Ground teeth**

- Costly type of manufacturing
- Very sharp
- Accurate, clean cut
- Soft to medium hard materials

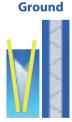
# **Production method**

Side set: Each individual tooth is alternately bend to the left and to the right. Raker setting example: right, left, straight, etc.

Wavy set: Row of teeth receives a wave shape Ground: Blade body tapers to the rear (conical)







# Jig Saw Blade material

Most of our jigsaw blades are manufactured using top quality Japanese steel and are available to cover a very broad spectrum of applications in wood and metal.

- HCS (High Carbon Steel): For cutting softer materials such as wood or plastics.
- HSS (High Speed Steel): For cutting harder materials such as metals.
- BiM (Bi-metal, HCS base and HSS teeth): For cutting soft materials to hard materials such as wood, metal, plastics.
- TC (Tungsten Carbide): For cutting glass fiber reinforced plastic, cement-bonded fiberboards or plasterboard.



# Makita Type Jig Saw Blade for Metal For Model: 4300BA/BV, 4326M, 4327M METAL / BASIC 1 1-6 1-3 0.5-3 1-3 For mild steel, stainless steel. Also for corrugated & tough plastics. 60 24 HSS 5 A-85802 For mild steel 42 24 HSS 5 A-85905

SPECIALT

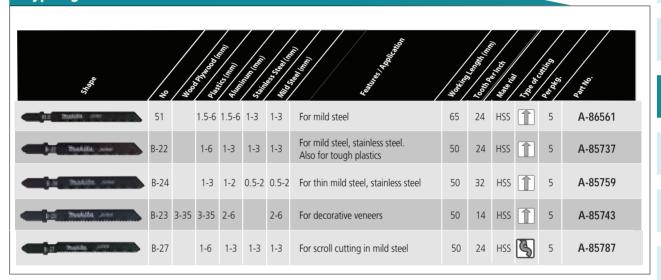
HAND TOOLS / COMBINATION SET

DRILLING / FIXING CONCRETE DRILLING / DEMOLITION MIXING / STIRRING CUTTING (CONCRETE / METAL) SANDING / POLISHING SAWING MULTI-TOOL ROUTERS / PLANERS NAILERS / STAPLERS HEAT GUN / LASER CLEANING OPE JOBSITE TOOLS SPECIALTY TOOLS HAND TOOLS / COMBINATION SET TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

B Type Jig Saw Bla	de (	Uni	versa	al Bla	ide)	for Wood 🔏						
<ul> <li>Fits Makita and most comr</li> <li>For Model: JV001G DJV180,</li> </ul>		-		JV102[	), JV10	3D, JV183D, DJR185, JR105D, 4326	5, 4327	, 432	29, 43	50CT/	FCT,	4351FCT, JR1000FT
				/ /		/// *					//	
			Plass:	dimina)	(um) s.s.	We have the state of the state	/	Tring tono.	1 / CB		o o corrière	, / /
Shape	/%		00 / 60 / 60 / 60 / 60 / 60 / 60 / 60 /	S' Alumin	Soin S	is die	Mo			in the state of th		on we
WOOD / BASIC												
		4-65				For general cutting of wood & plastic	70	8	HCS		5	A-85656
	B-15	3-35	3-35			Ideal for cutting thin materials	50	12	HCS		5	A-85678
	B-14	2-35	2-35			Ideal for cutting thin materials	50	18	HCS		5	A-85662
	B-18	2-35	2-35			Ideal for scroll cutting of wood & plastic	45	14	HCS		5	A-85709
WOOD / FAST												
	58	4-65	4-65			For fast cutting of wood & plastic	70	8	HCS		5	A-86577
	B-16	5-65	5-65			For fast cutting of wood & plastic	50	6	HCS		5	A-85684
	L-2	5-90	5-90			Ideal for fast cutting of thick materials	100	6	HCS		5	A-86309
	B-17	5-60	5-60			Ideal for scroll cutting of wood & plastic (Fast cutting)	70	6	HCS		5	A-85690
	B-8	4-65	4-65			Ideal for fast cutting of wood & plastic. Hook angle 2°	75	8	HCS		5	A-85232
WOOD / FINISH												
	59	4-65	4-65			For fast finish work in wood & plastic	75	8	HCS		5	A-86583
	B-10	3-65	3-65			For fast finish work especially in plywood	75	9	HCS		5	A-85628
	B-11	3-60	3-60			For fast finish work in wood & plastic	75	9	HCS		5	A-85634
	B-10S	3-50				Splinter-free cuts in wood requiring no sanding	65	13	HCS		5	792691-8
***************************************	B-12	5-65	5-65			For fast finish work in wood & plastic	75	6	HCS		5	A-85640
	L-1	5-90	5-90			For fast finish work in of wood & plastic	100	6	HCS		5	A-86290
13	B-29	2-35	2-35			Ideal for scroll cutting of wood & plastic (Finishing)	42	16	HCS	<b>S</b>	5	A-80400
	BR-13	5-65				Splinter-free cuts in wood requiring no sanding.	64	9	HCS		5	A-85793
HARDWOOD / DECORATIV	/E VE	NEER	!S			-						
	B-25	3-60	3-6		3-6	For hardwood, thick mild steel plate & tough plastic	75	9	HSS		5	A-85765
	B-26	3-60	3-10		3-10	For scroll cutting in hard woods & in tough plastic	70	9	HSS	<b>B</b>	5	A-85771
FINISH FOR DECORATIVE V	ENEE	RS										
	B-19	3-50	3-50			For tough plastic & decorative veneer finishing. (Splinter free downward cutting teeth)	65	12	HCS		5	A-85715
	B-28	2-50	2-50			For decorative veneers	63	16	HSS		5	A-80391



**B** Type Jig Saw Blade for Metal



**B Type Jig Saw Blade Universal Fitting (Specialized) PLASTIC** For plastics finish work and B-21 3-60 1-10 12 HSS 1 5 A-85721 tough plastics and aluminium **RUBBER** Ideal for cutting of paper, cork, 16 Polity over В-К 75 A-80416 THICK MATERIAL L-10 5-135 5-135 HCS S Ideal for cutting thick materials. A-86315 **FIBER GLASS** Ideal for cutting fiberglass, 6-80 НМ P-38766 reinforced plastic etc. Ideal for cutting fiberglass, 6 6-80 НМ P-38772 reinforced plastic etc.

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALTY

HAND TOOLS /
COMBINATION SET

DRILLING / FIXING

These blades are a 'Bayonet fit', and can be used with most models of jigsaws.

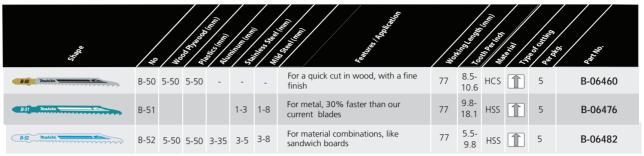
CONCRETE DRILLING /

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

**B Type Jig Saw Blade Universal Fitting - Super Express** 

• For Model: DJV180, JV100D, JV101D, JV102D, JV103D, JV183D, DJR185, JR105D, 4326, 4327, 4329, 4350CT/FCT, 4351FCT, JR1000FT



GRINDING

Jig Saw Blade assortment

These blades are a 'Bayonet fit', and can be used with most models of jigsaws.

For Model: DJV180, JV100D, JV101D, JV102D, JV103D, JV183D, DJR185, JR105D, 4326, 4327, 4329, 4350CT/FCT, 4351FCT, JR1000FT

Type		110		Application	Package	Part No.
M	No.1 No.2 N	o.3 No.8	105	-	5 different jig saw blades in one single pack	A-86882
<b>1</b>	B-10S B-13 B-	-16 B-22	B-23	-	5 different jig saw blades in one single pack	A-86898
1	B-50 B-51 B	-52		-	3 different jig saw blades in one single pack	B-06292
<b>/</b> 6	BR-13			Wood	100pcs in one single box	B-07777

SANDING / POLISHING

MULTI-TOOL

Jig Saw Blades (Standard Range) - D-series

4-50

4-50

The blades are with T-Shank and suitable for use with any Makita or other brand Jigsaw machines which have T shank connection.

			i i i i i i i i i i i i i i i i i i i
/	//	//	
		o o curi	<b>70.</b>
,	TO A	2° / 2°	Sating.
,		5	D-34877
	1	5	D-34883
	1	5	D-34908

TE N

NAILERS / STAPLERS

ROUTERS / PLANERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

4-50 Wood / Finish (Equivalent to B-10) 74 HCS 1 5 **D-44214 / D-72718** 9 **Sanding and Filing for Jig Saw** Overall Working Features / Length Shape Applications (mm) Part No. Length Recommended Use Pkg Sanding adapter 90 Wood 153 A-40967 (Use with Abrasive paper) 60 3 File (Flat Type) 153 Metal A-40951

Wood / Basic (Equivalent to B-13)

Wood / Fast (Equivalent to B-16)

Metal / Basic (Equivalent to B-22)

74 8 HCS

50

51 21 HSS

6 HCS

CARRY CASE / TOOL HOLDERS / POUCHES

r Wood	l					
No	Tee	th Per inch Overa Jeng	h mmi Application	Tooth	Material Per P	batt No.
No.23	9	165	For wood 5mm - 90mm	HCS	5	792148-9
No.3020	10	150	For wood, plywood 5mm - 90mm	HCS	5	A-02319
No.3023	10	250	For thick wood 5mm - 190mm	HCS	5	B-00767
No.23B	6	150	For fast finish work in wood 10mm - 90mm	HCS	5	792707-9
No.3019	4	150	For fast and rough cutting in thick wood: 20mm - 90mm	HCS	5	A-02303
No.3030	6	300	For roughing work in thick wood 10mm - 250mm	HCS	5	B-03030
	No.23 No.3020 No.3023 No.23B	No.23 9  No.3020 10  No.3023 10  No.23B 6  No.3019 4	No.23 9 165  No.3020 10 150  No.3023 10 250  No.3019 4 150	No.23         9         165         For wood 5mm - 90mm           No.3020         10         150         For wood, plywood 5mm - 90mm           No.3023         10         250         For thick wood 5mm - 190mm           No.23B         6         150         For fast finish work in wood 10mm - 90mm           No.3019         4         150         For fast and rough cutting in thick wood: 20mm - 90mm           No.3030         6         300         For roughing work in thick wood	No.23         9         165         For wood 5mm - 90mm         HCS           No.3020         10         150         For wood, plywood 5mm - 90mm         HCS           No.3023         10         250         For thick wood 5mm - 190mm         HCS           No.23B         6         150         For fast finish work in wood 10mm - 90mm         HCS           No.3019         4         150         For fast and rough cutting in thick wood: 20mm - 90mm         HCS           No.3030         6         300         For roughing work in thick wood         HCS	No.23         9         165         For wood 5mm - 90mm         HCS         5           No.3020         10         150         For wood, plywood 5mm - 90mm         HCS         5           No.3023         10         250         For thick wood 5mm - 190mm         HCS         5           No.23B         6         150         For fast finish work in wood 10mm - 90mm         HCS         5           No.3019         4         150         For fast and rough cutting in thick wood: 20mm - 90mm         HCS         5           No.3030         6         300         For roughing work in thick wood         HCS         5

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING
(CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

# **Reciprocating Saw Blade for Metal**

11/Pe	/	NO Teet	n per inch Ove	add mm	Tooth	Material Per	Part No.
un Thakila	No.21	24	125	For steel plate 1.5mm - 3.0mm For iron pipe 50mm dia. or less	HSS	5	792146-3
s: Thakita	No.22	18	165	For steel plate, aluminum 3.0mm - 5.0mm For iron pipe 90mm dia. or less	HSS	5	792147-1
== Teakita	No.24	24	165	For steel plate 1.5mm - 3.0mm For iron pipe 90mm dia. or less	HSS	5	792149-7

SAWING

MULTI-TOOL

ROUTERS / PLANERS

# Reciprocating Saw Blade for Wood / Metal (Heavy) (long life)

11/pe	Tee	th Perinch Over	all (mm) Ki	Application Application	Tooth	Material Per F	bauno.
Name of the last o	6-8	152	1.25	Wood with nails/metal, chipboards (10-100mm), plastics/Glass fibre reinforced plastics (10-100mm) wooden pallets	TC/HM	1	B-49834
	6-8	228	1.25	Wood with nails/metal, chipboards (10-175mm), plastics/Glass fibre reinforced plastics (10-175mm), wooden pallets	TC/HM	1	B-49840
-	6-8	305	1.25	Wood with nails/metal, chipboards (10-250mm), plastics/Glass fibre reinforced plastics (10-250mm), wooden pallets	TC/HM	1	B-49856

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

# **Reciprocating Saw Blade for Bi-Metal**

17/Pe	NO Teeth Pe	Overell internal Application	Tooth	Material Per	pkg. Part No.
A Company	10	OO For cuts in thick metal	Bi Metal	3	P-46981

JOBSITE TOOLS

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **Reciprocating Saw Blade for Insullation Material**

Specially designed knife shaped Reciprocating Saw Blades are suitable for cutting insulation materials such as Urethane or Glass Wool.

(1) Width of the blade

Blades are designed with more width for steady cutting (400mm)



(2) Shape of blade top.
The blade top is also ground to
do plunge cut by inserting the blade into the material.

(3) Knife shape blade.

Blade teeth are different from the regular Reciprosaw

Blade, its ground from both ends which are corrugated.

71/08	No This	kness Ove	rall (mm)	Minth Intal Application	Tooth	Material Per	pkg. Part No.
-	1.5	225	205	Insulation Material, Glass Wool, Stone Wool (10-175mm)	HCS	2	B-52118
-	1.5	300	280	Insulation Material, Glass Wool, Stone Wool (10-250mm)	HCS	2	B-52124
-	1.5	400	320	Insulation Material, Glass Wool, Stone Wool (10-300mm)	HCS	1	B-52130

# **Reciprocating Saw Blade Super Express (5pcs per pack)**

TYPE		NO Tee	th Per inch Over	day man Application	Tooth Mate	erial Per	bat No.
	No.21	7-18	152	Fast Cut for metal. (Iron/steel: 1.5 - 8.0mm, Plastic 5-77mm)	Bi-Metal	5	B-05038
.5 <del>-10</del> 11	No.22	6-11	152	Fast cuts in non-ferrous metal, aluminium, plastics and wood with nails, steel (Iron/steel: 5-8mm, Plastics: 5-77mm, Wood: 5-77mm)	Bi-Metal	5	B-05044
	No.24	6-10	203	For fast cuts in wood	HCS	5	B-05153

# Reciprocating Saw Blade Super Express (2pcs per pack)

1We	/\	10 Tee	th Per inch Ove	at Inni	Tooth Mat	erial Per	ha. Patr No.
	No.21	7-18	152	Fast Cut for metal. (Iron/steel: 1.5 - 8.0mm, Plastic 5-77mm)	Bi-Metal	2	B-05038-2
. N	No.22	6-11	152	Fast cuts in non-ferrous metal, aluminium, plastics and wood with nails, steel (Iron/steel: 5-8mm, Plastics: 5-77mm, Wood: 5-77mm)	Bi-Metal	2	B-05044-2
	No.24	6-10	203	For fast cuts in wood	HCS	2	B-05153-2

# **Reciprocating Saw Blade for Aerated concrete, Soft brick**

41be	188	th Per inch Overall length	nm) Workin	n mm Th	Application Application	Tooth Mat	erial Per	bat No.
-	2	400	375	1.5	Specially Suitable: Aerated Concrete, Fire-brick, Sand stone, Gypsum Suitable: Vertical Coring Brick, Solid Brick, Clinker, Mortar	TC/HM	2	■ B-63591
	2	455	420	1.5	Specially Suitable: Fire-brick, Sand stone, Gypsum Suitable: Aerated Concrete	TC/HM	1	B-10403

# **Scroll Saw Blade**

For Model	PC / Pkg	Part No.
SJ401 (Scroll saw blade)	1	(SJ)351011-000

Teeth Per Inch (TPI)

4

4

6

14

Application

Wood / Universal

Wood / Cross-cut

Wood / Curve-cut

Nonferrous metal

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

# **Band Saw Blades**

For Model: LB1200F

HCS

HCS

HCS

HCS

Blade type



Part No.

B-16673

B-16667

B-16689

B-16695

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

# **Portable Band Saw Blades**



Pcs per pakage

3

3

3

3



Part No.

792567-9

792560-3 792559-8 792558-0

B-30128 792557-2

792556-4 194692-6 ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Width x Length

13 X 2240mm

16 X 2240mm

6 X 2240mm

16 X 2240mm

(mm)

For Model : PB002G / DPB180 / 2106/ 2106W / 2107FK								
	Blade type	WX L (mm)	Thickness (mm)	Thickness of work piece	Teeth Per Inch (TPI)	Application	Pcs pe pakag	
	Carbon steel	1140 x 13mm	0.5	-	6	Wood	3	
	Carbon steel	1140 x 13mm	0.5	More than 5mm	14		3	
	Carbon steel	1140 x 13mm	0.5	4 - 5mm	18	Plastics and non ferrous metals.  Mild steel, cast steel and cast iron	3	
	Carbon steel	1140 x 13mm	0.5	Less than 4mm	24	Tima steely east steel and east non	3	
	Bi-Metal	1140 x 13mm	0.5	More than 5.5mm	10		1	
	Bi-Metal	1140 x 13mm	0.5	More than 5mm	14	Plastics and non ferrous metals.	1	
	Bi-Metal	1140 x 13mm	0.5	4 - 5mm	18	Mild steel, cast steel and cast iron.  Hard steel and stainless steel	1	
	Bi-Metal	1140 x 13mm	0.5	Less than 4mm	24 WAVE TEETH	a.a seec. aa sammess seec	1	

Thickness

0.5

0.5

0.5

0.5

For Model: DPB181 / DPB182 / DPB183

Blade type	WX L (mm)	Thickness (mm)	Thickness of work piece	Teeth Per Inch (TPI)	Application	Pcs per pakage	Part No.
Bi-Metal	835 x 13mm	0.5	3mm-6 mm	14 wave teeth	Plastics and non-ferrous metal.	5	B-40543
Bi-Metal	835 x 13mm	0.5	2 mm- 3 mm	18 wave teeth	18 and cast iron. Hard steel and		B-40559
Bi-Metal	835 x 13mm	0.5	less than 2mm	24 WAVE TEETH	stainless steel.	5	B-40565



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

MULTI-TOOL



For Model

Table Saw

**Table and stand** 

For Model	Pa
All slide compound saw, Miter saw,	W

All slide compound saw, Miter saw,
Table top miter saw

Rear Extension Table (Rear)

For Model Part No

Rear 194087-3

For Model	Part No
Table Saw 2703, 2704	194093-8

Folding Miter Saw Stand

All slide compound saw, Miter saw,



For Model	Part No
Miter Saws: LS1440, LS1013, LS1214, LS1045, LS1030	P-63750

# Folding Miter Saw Stand Max extension length: 3,830mm Min length: 1,765 mm

Part No

WST06

For Model	Part No
All slide compound saw, Miter saw,	WST07

# **Guide Rail and Guide Rail Accessories**

- For use with Makita Plunge Saw SP001G, SP6000, DSP6001

194086-5

JM27000300

art No

For Model

Table top miter saw

- Interacts with the saw base and engineered to deliver smooth, dead-on straight or bevel cutting
- Ideal for ripping sheet material





For Model	Overall length (m)	Part No.
For Plunge cut Saw models SP001G, SP6000, DSP600, DSP601	1.4 m	194368-5
Use the guide rail adapters to connect the guide rail with ciurcular saws, jig saws, routers, trimmers, cutters	3.0 m	194367-7
Kickback reduction stopper for guide rails	-	1913J9-2
Guide rail connector - For linking Makita guide rails together	-	198885-7
Splinter guide for Guide rail	3.0 m	423360-7
Parallel guide - allows a long ruler to be set parallel to any position from the end face of the material		1913K7-3 ■
Guide Rail bag	1.4 m	B-57613

# NAILERS / STAPLERS

ROUTERS / PLANERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

# **Guide Rail Adaptor**

Items		Circular saw		Jig saw		Router Trimmer	Cutter	
Models	DHS680	HS0600	DHS660 DHS661	DJV180 4350CT 4350FCT 4351FCT	JV102D JV103D DJV184	*RT001G *DRT50 *RT0702C 3612BR RP0900 RP1800 RP2300FC	DCC500 DCC501 4100KB 4100NH2	
Part No.	196953-0	198566-3	199232-5	193517-1	198704-7	194579-2	198673-2	

\* Use with Plunge base assembly (P/N:195563-0)

# Clamp Set

	Type	Part No.
B B B B B B B B B B B B B B B B B B B	А	194385-5
	В	199826-6
Extrusion clamps (to fix a long ruler or material by thrusting it back and forth)		■ 1913K5-7

# Guide Rule (Rip Fence)

and traile (hip refice)			
Туре	For Model		Part No.
	RS001G, RS002G		199249-8
Guide rule for circular saws	DCS553, DHS660, DHS661, DHS680 5800NB, 5806B, 5057KB, 5007N, 5600NB, 5604R, 5704R, 5740NB DHS781, DHS782, DSS501, HS004G		164095-8
	5900B		164021-7
	DHS901, N5900B, HS0600		164367-1
•	5103N, 5201N, 5401N, 5402		164019-4
	5903, 5903R		165084-6
	SP6000 (Sub base)		165447-6
	DRS780		165153-3
	HS012G (bevel guide)		<b>1</b> 96664-7
Guide rule for slide compound / miter saws	LS1211		316480-3
p	LS1013		316840-9
	LS1045		316826-3
Guide rule for Jigsaws	4300BV, 4300BA	-	164113-2
A:Guide rule & circular guide set	4304, 4304T, 4305	-	192424-5
B:Circular guide assembly	4326/M, 4327/M, 4328, 4329, JV100D, JV102D, JV103D, JV183D	А	192732-4
Guide Rule Circular quide assembly	4350T/CT,/FCT, 4351FCT, DJV180	А	193516-3
Saide Hale	4300BA/BV	В	123030-5
	4304/T, 4331D, 4305	В	192561-5

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **Rip Fence Assembly**



For Model	Part No.
2704	122740-1
LF1000	122729-9
LH1040	122707-9
2702, 2703	122556-4
2708	122284-1
MLT100	JM27000202
LH1201FL	JM23300008

# **Vice Assembly**



# Vertical vice assembly

For Model	Part No.		
LS1040	122536-0		
LS0714, DLS714, DLS713	122571-8		
LS1212, LS1030	192672-6		
LH1040	192625-5		
LS1214/F, LS1013	122538-6		
LS1212, LS1214	122540-9		
LS1016, LS1216	122854-6		
DLS211, DLS111, LS1019L, LS1219L LS1016, LS1216, LS004G, LS003G	126617-2		
LS1018L, LH1201FL	JM23100502		

# Horizontal vice assembly



For Model	Part No.
DLS211, DLS111, LS1019L, LS1219L LS1016, LS1216, LH1201FL, LS004G, LS003G	122470-4
LS1440, LS1045, LS1040, LH1040	122563-7
LS1510	134529-5
LS0714, DLS713, DLS714, LS002G	122567-9
LS1216. LS1219L, LS1018L	122930-6

# Sub base assembly set

•	
LS004G	191U61-8
DLS111, DLS211, LS1019L, LS1219L	191C01-8

# **Bevel Guide**

For use with Makita Plunge Circular Saws and with Makita guide rails 194368-5 or 194367-7



For Model	Part No.
SP001G, DSP600, DSP601, SP6000	196664-7

# Anti-splintering device for jig saw

For cleaner cutting	
For Model	Part No.
4326, 4327, 4329, 4350CT, 4350FCT, 4350T, 4351CT, 4351FCT, 4351T, DJV180, JV101D, JV102D, JV103D, JV183D	192557-6

# **Cover Plate for jig saw**

For Model	Part No.
4326, 4327, 4329, 4350CT, 4350FCT, 4350T, 4351CT, 4351FCT, 4351T, DJV180, JV101D, JV102D, JV103D, JV183D	417852-6
DJV184, DJV185, JV001G, JV102D, JV103D	457867-1 ■

# **Crown molding stopper set**

For Model	Part No.
DLS110, DLS111, DLS112, DLS211, DLS212, LS003G, LS004G, LS1019, LS1019L, LS1219, LS1219L	192628-9

# **Blade Clamp Assembly**



FOI USE OF 6.35IIIII UNIVERSAL SHAFIK BIA	ides
For Model	Part No.
Jig saw - 4300BA / BV	132276-260

# **Dust Bag Assembly & Dust Box Set**



**Cut-out Tool Accessories** 



A: Dust bag assembly

B: Dust box set

For Model	Туре	Part No.
LS1011, LS1020, LS1030	Α	122351-2
LS1211	Α	122469-9
LS1440	Α	122330-0
DLS714, LS0714, LS1040, LF1000	Α	122523-9
DLS111, DLS211, LS1219L, LS1019L, LH1040 LS004G, LS003G	Α	122852-0
LS1018L	Α	JM23100501
LS0714, LS1013, LS1214, LS1016, LS1216	В	194175-6
LS002G	Α	127512-9
SP001G, DSP600, DSP601	Α	126599-8
SP6000	Α	122562-9

Safety Goggles	
	Part No.
Safety wear	191686-2

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

D-08218

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Drywall Guide Bit	For Model	Size	Туре	Part No.
	3706	3.8mm 1/8"	_	733229-0
	3706	6.35mm 1/4"	-	733232-1
	DCO181 / 3706	6.35mm 1/4"	Diamond bit	A-87915
	DCO181 / 3706	6.35mm 1/4"		193447-6
	DCO181 / 3706	3.8mm 1/8"	-	191G69-8
	DCO181 / 3706	3.8mm 1/8"	(5pcs/pkg)	191G68-0
	DCO181 / 3706	3mm	-	193450-7
Flash Bit	For Model	iize		Part No.

<b>Circular Guide</b>	

For Model	Part No.
DCO181, 3706	193448-4

6 x 6mm

Collet Sleeve	For Model	Part No.
Collet sleeve for 3.8mm bit	3706	324149-5

DCO181

Collet sleeve for 3.8mm bit		3/06			324149-5
Collet Cone / C	Collet Nut	For Model	Size	Part No. Collet Cone	Part No. Collet Nut
		3706	6.35mm 1/4"	763608-8	763606-2
*With Po	*With Poly bag & header	DCO181	6.35mm 1/4"	*197038-5	
		DCO181	6.35mm 1/4"	763676-1	7/2250.0
		DCO181	3.8mm 1/8"	763677-9	763258-9
		DCO181	6mm	763678-7	
		DCO181	3mm	763679-5	

# Multi Tool / Multi Cutter

For various Applications





Routing joints on wall tiles



Wood flush cutting



Metal flush cutting





Corner cutting



Wood plunge cutting



Flush cutting of nails





**Cutting tiles** 



Deep plunge cutting



Cutting polystyrene, rubber



Removing motar, tile adhesive



Cutting plasterboards



Cutting window putty, silicone



**Cutting metals** 



### 18V | **LXT DTM52**

### **Cordless Multi Tool**



# Compatible with STARLOCK / STARLOCK MAX accessories

- Tool-less accessory changes with lever locking system
- Variable speed dial 10,000 20,000 OPM no load speed for versatile performance
- 12 angle settings of accessories at every 30° from 0° to 360°
- 2.5m/s<sup>2</sup> or less of vibration thanks to AVT (Anti-Vibration Technology)
- Small and easy to grip 169mm diametre barrel grip for comfortable and improved handling

Oscillations Per Minute (OPM)	10,000 - 20,000
Oscillation Angle	Left / Right / Total: 1.8° / 1.8° / 3.6°
Circumference of Grip Portion	169 mm
Dimensions (L x W x H)	322 x 95 x 126 mm
Net weight	1.3 kg (without battery)

AVAILABLE VARIANTS		
3.0Ah	"Z" VARIANT	
DTM52 RFJX1 INCLUDES 2 BATTERIES / 1 CHARGER /	DTM52 Z	
MULTI TOOL ACCESSORIES / MAKPAC CONNECTOR CASE	(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

### **TM30D** 12V MAX | (CXT)

### Cordless Multi Tool



# High power, Wide selection of accessories available for various applications high cutting efficiency

- 12 angle setting of accessories at every 30° from 0° to 360°
- Ergonomically designed rubberized grip provides more control and comfort.
- Anti-restart function prevents accidental start-up.
- Variable speed control by dial

SE SET END (120 Max Name)	CXT
Oscillations per minute (opm)	6,000-20,000
Dimensions (L x W x H)	277x65x98mm
Net weight	1.1kg
Standard Equipment: Hex Wrench	

AVAILABLE VARIANTS		
2.0Ah	"Z" Version	
TM30DWAJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CASE	TM30DZ TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

# **TM3010CK**



# Multi Tool



# Equipped with the tool-less accessory change system.

- Wide selection of accessories available for various applications.
- Anti-restart function prevents accidental startup.
- Fully 360° multi angle setting enables users to position accessories in 12 different angles.
- · Ergonomically designed rubberized grip provides more control and comfort. Variable speed control dial.

C 000 30 000
6,000-20,000
283x68x87mm
(11-1/8"x2-11/16"x3-7/16")
1.6kg (3.7lbs)
2.5m (8.2ft)

Accessory Compatibility						
	OIS	STARLOCK MAX	STARLOCK			
DTM52	×	✓	✓			
TM30D	✓	×	✓			
TM3010CK	<b>√</b>	×	✓			

# **CP100D** 85mm 12V MAX | CXT **Cordless Multi Cutter**



# Cuts thin and thick material up to 6 mm such as cardboard, carpet, fabrics, leather, CD, DVD & Blu-ray disc

- Auto self-sharpening function maintains sharp cutting performance
- Large Work Amount on a Single Battery Charge
- High power satisfies even professional needs such as carpet contractors
- Handy size for easy maneuverability in various applications for home / professional use



No Load Speed (RPM) Dimensions (L x W x H) Net weight

6 mm (1/4")

with BL1021B: 272x66x120 mm 0.72kg



CP100D SA1J











AVAILABLE VARIANTS			
	"Z" Version		
RGER /	CP100D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)		

HAND TOOLS /
COMBINATION SET

DRILLING / FIXING

# **Multi Tool - Starlock Accessories Applications**

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM Wood & Metal

Wood



Metal

Multi Material

**Grout Abrasive** 

# **Multi Tool - Starlock Accessories Applications**





		Multi M	aterial			Gro	ut Abra	sive						
роху	Fiber glass	Linoleum Carpet	Carpet adhesive	Insulation material	Soft joint material	Porous Concrete Soft brick	Soft wall tiles	Mortar Tile adhensive	Curve Teeth	Blade Material	Teeth per inch	Width (mm)		
<b>✓</b>	<b>~</b>									BiM	15	100	TMA046	
<b>✓</b>	<b>✓</b>								•	BiM	20	65	TMA048	
<b>✓</b>	<b>✓</b>									BiM	20	10	TMA057	
<b>✓</b>	~									BiM	20	20	TMA058	
<b>✓</b>										HCS	18	85	TMA049	
<b>~</b>										HCS	18	24	TMA050	
									•	HCS	18	32	TMA051	
/	<b>✓</b>									TC	23	45	TMA079	
		<b>✓</b>	<b>✓</b>	<b>✓</b>						BiM	-	100	TMA063	
<b>~</b>	<b>✓</b>									BiM	18	85	TMA064	
			<b>✓</b>							HCS	-	52	TMA065	STARLOCK
					<b>✓</b>					HCS	-	28	TMA067	ĮŎ
<b>✓</b>	<b>✓</b>								•	TC	20	32	TMA080	
<b>~</b>									•	BiM	14	53	TMA081	Ĭ
					<b>✓</b>					Stainless	-	12	TMA082	•
<b>✓</b>	<b>✓</b>					<b>✓</b>	<b>✓</b>	<b>✓</b>		TC #30	-	85	TMA069	
<b>✓</b>	<b>✓</b>					<b>✓</b>	<b>✓</b>	<b>✓</b>		TC #50	-	70	TMA071	
<b>✓</b>								<b>✓</b>		TC #20	-	78	TMA073	
<b>✓</b>	<b>✓</b>					<b>✓</b>		<b>✓</b>		TC #40	-	70	TMA074	
	<b>✓</b>							<b>✓</b>		TC #20	-	90	TMA083	
	<b>~</b>							<b>✓</b>		TC #40	-	90	TMA084	
										TC #60	-	90	TMA085	
										TC #100	-	90	TMA086	
<b>/</b>	<b>✓</b>								•	BiM	20	32	MAM001	X
<u> </u>	<b>✓</b>								•	BiM	18	52	MAM002	Σ
<b>/</b>	<b>✓</b>					<b>✓</b>				TC	23	32	MAM005	STARLOCK MAX
<b>/</b>	<b>~</b>					<b>✓</b>			•	TC	20	32	MAM006	2ر
				<b>✓</b>	<b>✓</b>					HCS	-	32	MAM008	A A A
/	<b>✓</b>					<b>✓</b>	<b>✓</b>	<b>✓</b>		Diamond	-	68	MAM012	Ž











Multi Material



HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

DRILLING /

# STARLOCK MAX

MAM001

MAM002

MAM005

### Plunge Cut Saw Blade (bow shape)

CONCRETE DRILLING /
DEMOLITION

MIXING /

STIRRING

Application/ Recommended Use Especially suitable for Wood & Metal

Feature: Suitable for Precisely Plunge Cut, Deep and Fast Cutting

Another material: Epoxy, Fibreglass

Blade width (mm)	Трі	Туре	Per pkg.	Part No.
32 x 80	20TPI	BiM, Wood & Metal	1	B-66400

# TC bar plunge cut saw blade (bow shape)

20TPI 32 MAM006

STARLOCK MAX

STARLOCK MAX

STARLOCK MAX

STARLOCK

STARLOCK

Application/ Recommended Use

Especially suitable for Multi Material Feature : Suitable for Precisely plunge cut , Deep and fast cutting Another material: Wooden material, Epoxy, Fibreglass, Porous Concrete

Size (mm)	Трі	Туре	Per pkg.	Part No.
32 x 70	20TPI	TC/HM. Multi Material	1	B-66450

# CUTTING (CONCRETE / METAL) Plunge cut saw blade

SANDING / POLISHING

SAWING

# Especially suitable for Wood & Metal Feature: Suitable for Precisely plunge cut, Deep and wide cutting

Application/ Recommended Use

Another material: Epoxy, Fibreglass

Blade width (mm)	Трі	Туре	Per pkg.	Part No.
52 x 70	18TPI	BiM, Wood & Metal	1	B-66416

# Joint cutter blade





STARLOCK MAX

STARLOCK MAX

Application/ Recommended Use

Especially suitable for Multi Material

Feature: Suitable for Soft joint material cut, Deep and wide cutting

Size (mm)	Туре	Per pkg.	Part No.
32 x 55	HCS, Multi Material	1	B-66472

# MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

# TC bar plunge cut saw blade



Application/ Recommended Use

Especially suitable for metal Feature: Suitable for Plunge cut, Deep and fast cutting Another material: Epoxy, Fibreglass, Porous Concrete, Wooden material

Blade width (mm)	Трі	Туре	Per pkg.	Part No.
32 x 70	23TPI	TC/HM Metal	1	R-66/1//

# **Diamond segment blade**











STARLOCK

# Application/ Recommended Use

Feature: Suitable for Cutout of soft wall tile Another material: Plasterboard, Epoxy, Fibreglass

Blade width (mm)	Thickness	Туре	Per pkg.	Part No.
68 x 10	1.5mm	Diamond Grit #40	1	B-66525

# STARLOCK

# Segment saw blade 85

TMA049 CLEANING

(29)



Application/ Recommended Use

Wood/ Suitable for flush cutting Plunge-cut in solid wood Cut-off plastic pipe(PVC) to length

Diameter (mm)	Туре	Per pkg.	Part No.
85	HCS, Wood	1	B-64836

# Segment saw blade 85

TMA064

85



Application/ Recommended Use

Non-ferrous metal, FRP, PVC / Suitable for corners. Plunge cut in plasterboard or cement-bonded fiber boards Cut-off smaller mouldings to length



# JOBSITE TOOLS Segment saw blade

OPE



Application/ Recommended Use Wood&Metal/ Suitable for flush cutting Cut-off door frame to length on the floor Cut-out parquet/laminate flooring Cut-off smaller mouldings to length

	• •	
Diameter (mm)	Type	Per pkg. Part No.
85	BiM, Wood&Metal	1 B-64799
100	BiM. Wood&Metal	1 B-64808

# **Serrated segment blade 100**

TMA063 STARLOCK

Application/ Recommended Use

Wood and Metal / Suitable for Precisely plunge cut

Plunge cut in hardwood

Diameter (mm)	Туре	Per pkg.	Part No.
100	BiM, Multi material	1	B-64967



HAND TOOLS / COMBINATION SET

STARLOCK

# Bow Shape plunge cut saw blade 65



Application/ Recommended Use Wood and nails/ Suitable for plunge cutting Cutting wood with nails

Cutting a door frame to length Plunge cuts in laminated panels



STARLOCK

B-64842-5

STARLOCK

Size (mm)	Туре	Per pkg.	Part No.
65 x 40	BiM, Wood&Metal	1	B-64820

# Plunge cut saw blade 10

TMA057



Application/ Recommended Use

Metal/ Suitable for flush cutting in nails or plasterboard Filigree adjustment work on non-ferrous profiles Plunge cuts in plasterboard

Diameter (mm)	Type	Per pkg.	Part No.
10 X 30	BiM, Wood	1	B-64917

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

# Plunge cut saw blade 20



Plunge cuts in plasterboard

Diameter (mm)

20 x 30

STARLOCK



Part No.

B-64923

Part No.

B-64939

B-69755

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

# Plunge cut saw blade 32

Metal/ Suitable for flush cutting in nails or copper pipe

Metal/ Suitable for flush cutting in nails or copper pipe

TC Bar plunge cut saw blade 45

Metal/ Suitable for flush cutting in nails or copper pipe



32 x 50

TMA079

45 x 40

Plunge cuts in plasterboard

1,1 mm

Plunge cuts in plasterboard Diameter (mm)

Application/ Recommended Use

STARLOCK

Type

BiM. Metal

STARLOCK

Type

BiM, Metal



Per pkg.

Per pkg.

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Plunge cut saw blade 24

# TMA050



Application/ Recommended Use

Wood

Plunge-cut in softwood

Cutting a recess in furniture components Flush cutting wooden components to length

Size (mm) Per pkg. Part No. Type B-64842 24 x 50 HCS, Wood

# Bow Shape plunge cut saw blade 32

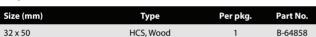
### TMA051





Application/ Recommended Use

Wood/ Suitable for Precisely plunge cut Cutting a recess in furniture components Plunge-cut in softwood



### **Bow Shape plunge cut saw blade 32**

# TMA053









5

# Application/ Recommended Use

Hard Wood/ Suitable for Precisely plunge cut

Plunge cut in hardwood

Cutting a recess in furniture components

Plunge cut in laminate panels

Diameter (mm)	Type	Per pkg.	Part No.
22 50 PM W	1	B-64870	
32 x 50	BiM, Wood	5	B-64870-5

# Bow Shape plunge cut saw blade 32

### TMA047

Size (mm)

32 x 50





STARLOCK Application/ Recommended Use

Wood and Metal / Suitable for Precisely plunge cut Plunge cut in hardwood

Part No. Per pkg. Type BiM, Wood&Metal B-64814

# TC Bar Bow Shape plunge cut saw blade 32







TC/HM, Metal



Per pkg.

### Application/ Recommended Use

Multi material/ Suitable for precisely plunge cut Plunge cut plasterboard, fiberglass, epoxy, aluminum, stainless

Diameter (mm)	Type	Per pkg.	Part No.
32 x 40	TC/HM, Multi Material	1	B-69761

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

Bow Shape plunge cut saw blade 53







Application/ Recommended Use

Diameter (mm)	Туре	Per pkg.	Part No.
53 x 40	BiM, Multi Material	1	B-69777

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

14TPL 2 1.free

Multi material/ Suitable for precisely and fast plunge cut in plasterboard 1 Blade does the job of 2 (Plunge & Cut on). Cutting plasterboard, wood, epoxy

Diameter (mm)	Туре	Per pkg.	Part No.
53 x 40	BiM, Multi Material	1	B-69777

# **Scraper 52 Rigid**

TMA0651





Application/ Recommended Use

Removing mortar or tile adhesive Removing mortar and concrete residues Removing hard, brittle carpet adhesive residues

Diameter (mm)	Type	Per pkg.	Part No.
52 x 26	HCS	1	B-64989

# **Scraper 52 Flexible**

TMA066







Application/ Recommended Use

Removing	soft carpet auriesive residues
Removing	paint residues
Removing	silicone joints

Diameter (mm)	Туре	Per pkg.	Part No.
52 x 40	HCS	1	B-64995

### **General Joint Cutter**







Application/ Recommended Use Cutting soft expansion joints Cutting window putty

Cutting insulation materials

Diameter (mm)	Туре	Per pkg.	Part No.
28 x 40	HCS	1	B-65006

# **Universal Purpose Knife**









Size (mm)	Type	Per pkg.	Part No.
12 x 29	Stainless	1	B-69783

# **TC Remover**

TMA074



# STARLOCK

STARLOCK

Application/ Recommended Use

Routing joints on wall and floor tiles Removing mortar or tile adhesive

Removing joints in the smallest of corners with the tungsten carbide tip

Diameter (mm)	Туре	Per pkg.	Part No.
70	TC/HM grit #40	1	B-65078

# TC Seg Saw Blade 85

TMA069



Application/ Recommended Use Routing joints on wall and floor tiles Smaller cutouts in soft wall tiles

Routing grooves in porous concrete, for laying concealed cables and pipes

Diameter (mm)	Туре	Per pkg.	Part No.
85	TC/HM grit #30	1	B-65028

# TC Seg Saw Blade 70

TMA071



STARLOCK

Application/ Recommended Use

Routing extra-thin 1/16" joints on wall tiles

Routing recesses in epoxy/glass fiber reinforced plastic Routing grooves in porous concrete, for laying concealed cables and pipes

Diameter (mm)	Туре	Per pkg.	Part No.	
70	TC/HM grit #50	1	B-65040	

# Diamond Seg Saw blade 85

TMA070







Application/ Recommended Use

Cutout of soft wall tiles and FRP Routing recesses in epoxy/glass fiber reinforced plastic Routing joints on wall tiles

Diameter (mm)	Туре	Per pkg.	Part No.
85	Diamond grit #40	1	B-65034

# TC Sanding Plate 78







Application/ Recommended Use Removing motar or tile adhesive

Removing	carpet	adhesive	residues	from	а	mineral	surface

		Part No.
78 TC/HM grit	‡20 1	B-65062



# **TC Sanding Plate 90**

TMA083

STARLOCK



Application/ Recommended Use Removing motar, tile adhesive, paint on figerglass Removing carpet adhesive residues from a mineral surface



Size (mm)	Type	Per pkg.	Part No.
90	TC/HM grit #20	1	B-69799

# Multi tool Starlock Blade Set (with Tool box)

The components of each set are packed in tool box complete. Tool box can insert to the plastic case of TM3010C, DTM51 and DTM52



Туре	Part No.
TMA045, TMA047, TMA053, TMA058, TMA078	199542-0

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

# TC Sanding Plate 90

TMA084



Application/ Recommended Use Sanding in wood with paint, paint of fiberglass Removing motar, tile adhesive, carpet adhesive residues from a mineral surface



Size (mm)	Туре	Per pkg.	Part No.
90	TC/HM grit #40	1	B-69808

# **Multi tool Starlock Blade - Renovation Set**

STARLOCK shank multi tool blade set can be attached to OIS product, STARLOCK and STARLOCK MAX





SANDING / POLISHING

SAWING

MULTI-TOOL

# **TC Sanding Plate 90**

**TC Sanding Plate 90** 

Application/ Recommended Use

Sanding in wood for fine surfaces



TMA086

90

STARLOCK

Jane	iiiig	1111	woou,	wood	VVILII	pairit	roughly	

Size (mm)	Type	Per pkg.	Part No.
90	TC/HM grit #60	1	B-69814

# Sawing

# Segment saw blade 65

TMA047, TMA049, TMA065, TMA073, TMA078

TMA002



Sawing

**TMA004** 

Part No.

■ E-16994

Application/ Recommended Use

Non-ferrous metal, FRP, PVC/ Suitable for corners Cutting recesses in epoxy/glass fiber reinforced plastic Cutting sheet metal up to 1mm Removing old window putty

	Diam (mm)	Туре	Part No.)
OIS	65	BiM-TiN, Multi Material, flat	B-21288

ROUTERS / PLANERS

> NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Sanding pad

Diameter (mm)



TMA078

Application/ Recommended Use Use with Riff sanding pad



STARLOCK



B-69820

Diameter (mm)	Туре	Per pkg.	Part No.
93	hook & loop	1	B-65115

TC/HM grit #100

# Multi tool Starlock Blade Set (with Tool box)

The components of each set are packed in tool box complete Tool box can insert to the plastic case of TM3010C, DTM51 and DTM52



	-	
Туре		Part No.
TMA045, TMA047, TMA053, TMA058, TMA078		199542-0

# Application/ Recommended Use

Non-ferrous metal, FRP, PVC

**Round saw blade 65** 

Cutting recesses in epoxy/glass fiber reinforced plastic Cutting sheet metal up to 1mm

Removing old window putty

	Diam (mm)	Туре	Part No.)
OIS	65	BiM-TiN, Multi Material, flat	B-21303

Multi tool papers applications DRILLING / Rating Suitability for application: AA = Especially Suitable A = Suitable n.r = No Rating CONCRETE DRILLING / DEMOLITION MIXING / STIRRING Coarse 60 Wood Medium 100 Long life CUTTING (CONCRETE / METAL) Fine 180 Coarse 60 Wood Medium 100 Fine 180 Coarse 60 Medium Paint 100 Fine 240 Medium 120 SANDING / POLISHING Fine 240 Fine 400 Stone Very Fine 600 Very Fine 1200 SAWING Abrasive delta paper (Use with Sanding pad (B-65115) (hook & loop type)) Wood / long-life Paper Size (mm) Grit Per Pkg Part No. MULTI-TOOL Application/ Recommended Use 94 60 10 B-21565 Suitable for sanding wood, hardwood, chipboard, construction boards and metal 94 B-21587 100 10 ROUTERS / PLANERS 180 10 B-21602 Paper Size (mm) Grit Per Pkg Part No. Application/ Recommended Use NAILERS / 94 60 10 B-21624 Suitable for sanding wood and wooden STAPLERS materials 94 100 10 B-22947 94 10 B-21652 180 HEAT GUN Paper Size (mm) Grit Per Pkg Part No. Application/ Recommended Use 94 60 B-21680 10 Suitable for sanding paint, varnish or roughcast 94 B-21705 100 10 CLEANING 94 10 B-21711 240 Stone Paper Size (mm) Grit Per Pkg Part No. Application/ Recommended Use OPE 94 120 10 B-21749 Suitable for coarse to gloss sanding of extremely hard materials such as stone 240 94 10 B-21755 or glass 94 400 10 B-21761 JOBSITE TOOLS 94 600 10 B-21777 1200 B-21783 10 94 Per Pkg Paper Size (mm) Grit Part No. SPECIALTY TOOLS Application/ Recommended Use 94 Medium / 280 1 B-21799 Suitable for removing the rust of metal and the dirt of wood 94 Coarse / 100 B-21808 HAND TOOLS / COMBINATION SET Without Grit 94 B-21814 Polishing felt Paper Size (mm) Grit Per Pkg Part No. Application/ Recommended Use Hard B-21820

Suitable for pre-polishing very dirty or scratched surfaces

# Routering / Planing Power Planer, Router, Trimmer, Sash Router



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **KP001G** 82 mm

40V MAX | **₹**₹

## **Cordless Planer**



40Vmax XGT platform and increased rotation speed of BL motor provide max cutting depth of 4.0mm similar to corded models in the same class.

- Smooth planing for both rough planing and thin planing
- Left and right chip ejection
- Foot on base plate
- Front base with 3 chamfering grooves
- Compatible with AWS dust extractors wirelessly

RAND MARK 400 MAX	AWS
Planing Width	82 mm
Planing Depth	4 mm
Shiplapping	25 mm (1")
No Load Speed (RPM)	15,000
Dimensions (L x W x H)	330 x 156 x 166 mm
Net weight	3.0 kg (without battery)

Standard Equipment: Blade Gauge, Guide Rule, Depth Guide, Socket Wrench

AVAILABLE VARIANTS				
4.0Ah	"Z" VARIANT			
KPOO1G M2 INCLUDES 2 BATTERIES / 1 CHARGER / / MAKPAC CONNECTOR CASE	KP001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / / CARRYING CASE)			

# **DKP181** 82mm

18V | /LX7

# **Cordless Planer**





# **High Power as AC Tool with BL Motor**

- Auto-start Wireless System (AWS) connects to vacuum cleaner with Bluetooth
- Automatic torque Drive Technology (ADT) adjusts cutting speed and torque during cut for optimum performance
- Angle and shape of handle are easy to grip, push and carry.
- Precise planning depth setting by adjustment knob with click stops.
- Foot on base plate protects workpiece and blades from scratches and damages.
- Rigid aluminum die-cast bracket.
- Both-side chip ejection
- Front base with 3 chamfering grooves



82 mm (3-1/4")	
3 mm (1/8")	
12,000	
366x156x166 mm	
3.6 kg	
	3 mm (1/8") 12,000 366x156x166 mm

Standard Equipment: Guide rule, Socket wrench

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DKP181 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DKP181 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

# N1900BK 82mm



# **Cordless Planer**

DKP180 82mm (3-1/4")





18V | /LXT

# Angle and shape of handle are easy to grip, push and carry.

- Precise planning depth setting by adjustment knob with click stops.
- Foot on base plate protects workpiece and blades from scratches and damages.
- Rigid aluminum die-cast bracket.



Planing width	82mm (3-1/4")	
Planing depth	2.0mm (5/64")	
No load speed (rpm)	14,000	
Dimensions (L x W x H)	333x157x160mm	
Madalaba	2 41 (7 415-)	

Standard Equipment: Guide rule, Socket wrench

# AVAILABLE VARIANTS

# "Z" VARIANT

# DKP180 Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

# Power Planer





# High power-to-weight ratio for superior performance

- Can be used with both standard HSS planer blades and double-edged mini TCT blades.
- Simple blade setting system for fast blade installation.

# **□**₩ 151 ₩

Continuous rating Input	580W
Planing width	82mm (3-1/4")
Planing depth	1mm (1/32")
No load speed	16,000rpm
Overall length	290mm (11-3/8")
Net weight	2.8kg (6.1lbs)
Power supply cord	2.5m (8.2ft)
Shiplapping	9mm (11/32")

Standard Equipment: Blade Gauge Assembly, Socket Wrench, Edge Fence (Guide Rule).





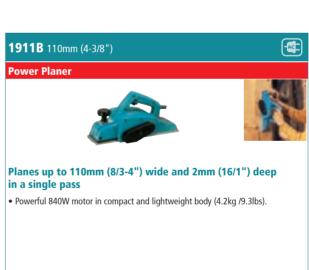




- Chip ejection switchable to either side depending on conditions.
- Ergonomically designed handle with rubberized grip provides more control and comfort.
- Front base with 3 chamfering grooves.
- Foot on base protects blades if accidentally put down on surface while blades are still rotating.
- Precise depth adjustment knob.



Continuous rating Input	850W
Planing width	82mm (3-1/4")
Planing depth	4mm (5/32")
No load speed	16,000rpm
Dimensions	290 x 168 x 176mm
(L x W x H)	(11-3/8" x 6-5/8" x 6-15/16")
Net weight	3.3kg (7.3lbs)
Power supply cord	2.5m (8.2ft)
Shiplapping	25mm (1")
Standard Equipment: Blade Ga	uge Assembly, Guide Rule, Planer Blade, Socket Wrench



■ 106 MM 840W **Continuous rating Input** 110mm (4-3/8") Planing width Planing depth 2mm (1/16") No load speed 16,000rpm Overall length 355mm (14") 4.3kg (9.5lbs) Net weight Power supply cord 5.0m (16.4ft) Standard Equipment: Blade Gauge Assembly, Guide Rule, Planer Blade, Socket Wrench

DRILLING / FIXING CONCRETE DRILLING / DEMOLITION MIXING / STIRRING CUTTING (CONCRETE / METAL) GRINDING SANDING / POLISHING SAWING

> NAILERS / STAPLERS

ROUTERS / PLANERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

2012NB 304mm



# Planer / Thicknesser





# Compact and lightweight for easier transport

- Unique feeding mechanism assures smoother finish with minimal snip on stock
- · 4-post design and diagonal cross supports for stability

# 153 mi

Continuous rating Input	1,650W
Cutting width	304mm (12")
Cutting depth	Cutting width 0-150 mm : 3mm (1/8")
	Cutting width 150-240 mm : 1.5mm (1/16")
Feed rate/min.	8.5m (27.9ft)
Table size (W x L)	304 x 771mm (12" x 30-3/8")
No load speed	8,500rpm
Overall dimensions	483mm x 771mm x 401mm
(L x H x W)	(19" x 30-3/8" x 15-13/16")
Net weight	28.1kg (61.9lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Socket Wrench, Hex Wrench



# ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DPJ180** 

18V | /LX7

# **Cordless Plate joiner**





# Provides up to 300 cuts or 150 joints on a single charge of BL1830.

- Rack-and-pinion vertical fence system engineered for accurate fence adjustments
- Cast aluminum pivot fence with three positive stops at 0°, 45° and 90°, and easy centering on 20mm material
- Six depth settings with one-touch stops for #0, #10, and #20 and most common biscuits sizes
- Can use the same accessories and attachments as AC model PJ7000





Planing width	100 mm (4")
Planing depth	20 mm (3/4")
No load speed (rpm)	6,500
Dimensions (L x W x H)	351x139x149 mm
Net weight	3.1 kg

Standard Equipment: Angle Guide, Lock Nut Wrench, Set Plate, Dust Bag

# AVAILABLE VARIANTS

# "Z" VARIANT

# DPJ180 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

# PJ7000



# **Plate Joiner**





# Compact and lightweight design for high maneuverability and easy handling

- New design with cast aluminum parts in silver and slim motor housing with an extra-ergonomic barrel grip.
- New top handle with flat shape on side surface for excellent tool control.



Continuous rating Input	701W
Blade diameter	100mm (4")
No load speed (rpm)	11,000
Dimensions (L x W x H)	302x139x145mm (11-7/8"x5-1/2"x5-3/4")
Net weight	2.5kg (5.6lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Angle Guide, Dust Bag, Set Plate, Lock Nut Wrench





RT001G 7

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / / CARRYING CASE) DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

# DRT50 18V | <u>EXT</u>

# **Cordless Trimmer**





# Cordless for easy maneuverability and 4 different bases for added versatility

- Aluminum base for higher durability and accuracy
- Dual LED job lights illuminate cutting edge and increase visibility
- Connectable to Makita Vacuum Cleaner with dust nozzle for a cleaner work environment
- Can use the same accessories and attachments as model RT001G & RT0700C



No Load Speed (RPM)	10,000 - 30,000
Plunge Capacity	with Trimmer Base: 0 - 40 mm
	with Plunge Base: 0 - 35 mm
Dimensions (L x W x H)	134x89x226 mm
Net weight	2.1 kg

**Standard Equipment :** Collet Cone, Trimmer Base Assembly, Straight Guide Assembly, Templet Guide, Wrench x2, Trimmer Guide

AVAILABLE VARIAN	TS

# "Z" VARIAN

DRT50 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

# RT0702C 6mm (1/4"), 8mm (3/8")

RT001G M2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE



Anti-Restart Function





# The same of the sa

# Aluminum housing and base for higher durability and accuracy

- Able to meet a wide range of needs with the motor unit and the following various attachments (Trimmer base, Plunge base, Tilt base, Offset base).
- Flat-top design and Horizontally installed power supply cord provides stability for easier bit change.
- Cutting speed is variably adjustable to suit applications and workpiece materials.

Continuous rating Input	710W
Collet Capacity	6, 8 mm or 1/4, 3/8"
No Load Speed (RPM)	10,000 - 34,000
Dimensions (L x W x H)	89 x 89 x 210 mm (3-1/2 x 3-1/2 x 8-1/4")
Net weight	1.8 - 2.8 kg (4.0 - 6.2 lbs.)

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

RT0700C 6mm (1/4"), 8mm (3/8")



**Frimmer** 





# Aluminum housing and base for higher durability and accuracy

- Able to meet a wide range of needs with the motor unit and the following various attachments (Trimmer base, Plunge base, Tilt base, Offset base).
- Flat-top design and Horizontally installed power supply cord provides stability for easier bit change.
- Cutting speed is variably adjustable to suit applications and workpiece materials.

(411 M)

Continuous rating Input	/10W
Capacity	Collet : 6mm, 8mm or 1/4", 3/8"
No load speed (rpm)	10,000 - 30,000
Dimensions (L x W x H)	89x89x200mm (3-1/2"x3-1/2"x7-7/8")
Net Weight	1.8kg (3.9lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Trimmer Base Assembly, Straight Guide, Wrench (2 pcs)

# 3709 6mm (1/4")



Trimmer





# Smooth and precision depth adjustment with rackand pinion mechanism

- Rubberized soft grip provides comfort and control
- Transparent plastic base for clear view of trimming edge



Continuous rating Input	530W
Capacity	Collet: 6mm or 1/4"
No load speed (rpm)	30,000
Dimensions (L x W x H)	82x90x199mm (3-1/4"x3-1/2"x7-7/8")
Net weight	1.5kg (3.3lbs)
Power supply cord	2.5m (8.2ft)

**Standard Equipment:** Trimmer Guide Assembly, Straight Guide Assembly, Template Guide, Wrenches 2

## ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE



SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# RP0900 6mm (1/4")





# High durability and good design router

- 0-35mm(0-1/8") plunge depth capacity with 3 adjustable depth stops for repetitive depth routering
- Scale level for adjusting the depth of routering

# 106 🕅

Continuous rating Input	900W
Capacity	Collet : 8mm or 3/8"
Base	145 x 110mm (5-3/4" x 4-5/16")
No load speed (rpm)	27,000
Dimensions	256 x 110 x 217mm
(L x W x H)	(10-3/32" x 4-5/16" x 8-17/32")
Net weight	2.7kg (6.0lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Straight Guide, Wrenches

# **3601B** 12mm (1/2")



Route





# Fine power-to-weight ratio in this well-balanced router

• Non-marring base for excellent finish

# **□** 153 w√

Continuous rating Input	930W
Capacity	Collet : 12mm or 1/2"
Base dia.	160mm (6-1/4")
No load speed	23,000rpm
Overall height	190mm (7-1/2")
Net weight	3.6kg (7.9lbs)
Power supply cord	5.0m (16.4ft

**Standard Equipment:** Trimmer Guide Assembly, Straight Guide Assembly, Template Guide, Wrenches 2

# 3612BR 12mm (1/2")

# Router (Plunge type)





# Faster, more accurate, more powerful routing

• Large plunge capacity 0-65mm for easy penetration into or through workpiece

# □ ★ 153 ₩

Continuous rating Input	1,600W
Capacity	Collet: 12mm or 1/2"
Plunge capacity	0 - 65mm (0 - 2-9/16")
Base dia.	160mm (6-1/4")
No load speed	23,000rpm
Overall height	287mm (11-1/4")
Net weight	5.5kg (12.0lbs)
Power supply cord	2.5m (8.2ft)
7-7-1	

Standard Equipment: Trimmer guide, Straight guide, Template guide, Guide holder, Collet sleeve (6mm or 1/4"), Collet sleeve (8mm or 3/8"), Wrench x2, Straight bit (carbide-tipped)

# **RP1800** 12mm (1/2")

# Router (Plunge type)





# **Powerful motor delivers smooth routing**

- Precise cutting depth adjustment.
- Ergonomically contoured knob style handles fit operator's hands perfectly.
- Linear ball bearing for super-smooth plunge action.
- Increased durability obtained by using larger size ball bearing on the drive-end of armature, labyrinth type retainers and fun

# ■ 203 M

Continuous rating Input	1,850W
Capacity	Collet : 12mm or 1/2"
Plunge capacity	0 - 70mm (0 - 2-3/4")
Base dia.	170mm (6-11/16")
No load speed (rpm)	22,000
Dimensions	155 x 294 x 312mm
(L x W x H)	(6-1/8" x 11-5/8" x 12-1/4")
Net weight	6.0kg (13.2lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Straight Guide, Wrench, Screw M6x135

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

# RP2300FC 12mm (1/2")



# Router (Plunge type)





# Powerful motor delivers smooth routing

- Precise cutting depth adjustment.
- Ergonomically contoured knob style handles fit operator's hands perfectly.
- Twin LED job lights with afterglow function.
- Linear ball bearing for super-smooth plunge action.
- Increased durability obtained by using larger size ball bearing on the drive-end of armature, labyrinth type retainers and fun.

OF SAME SAME	<b>203</b> wy
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Continuous rating Input	220V: 2,300W / 127V: 1,650W
Capacity	Collet : 12mm or 1/2"
Plunge capacity	0 - 70mm (0 - 2-3/4")
Base	170 x 155mm (6-11/16" x 6-1/8")
No load speed (rpm)	9,000 - 22,000
Dimensions	155 x 294 x 312mm
(L x W x H)	(6-1/8" x 11-5/8" x 12-1/4")
Net weight	6.1kg (13.4lbs)
Power supply cord	2.5m (8.2ft)

**Standard Equipment:** Straight Guide, Wrench, Screw M6 x 135

# 4403 6mm (1/4")



# Sash Router





HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Mills and drills aluminium for sashes.

- Trimmer model 3709 used as motor unit.
- Large transparent chip guard for operator's safety.
- Base travels side to side.
- Base travels forward and backward.

# **□** 411 ₪

Continuous rating Input	530W
Capacity	Collet : 6mm or 1/4"
Max. width of work	123mm (4-7/8")
Max. width at 45 degrees	77mm (3")
Max. height of work	185mm (7-1/4")
Base transv. travel	113mm (4-1/2")
Base longit. travel	73mm (2-7/8")
No load speed	30,000rpm
Overall dimensions	327mm x 350mm x 355mm
(L x H x W)	(12-7/8" x 13-13/16" x 14")
Net weight	16.0kg (35.3lbs)
Power supply cord	2.5m (8.2ft)

Standard Equipment: Angle Gauge, Wrenches 2,



# Straight bit 1 flute

Shank dia. mm	Overall dia. mm	Length mm	Carbide Height mm	Part No.
6	6	50.8	19	D-67701

# Flush trim bit 3 flutes

91.2



_				_	
Stra	ial	ht	bit	2	flutes



Shank dia. mm	Overall dia. mm	Length mm	Carbide Height mm	Part No.
6	6	48	16	D-67717
6	6	57	25	D-67723
6	8	51	19	D-67739
6	8	57.1	25.4	D-67745
6	10	57.4	25.4	D-67751
6	12	64	32	D-67767
6	20	50.8	19	D-67789
8	8	51	19	D-67810
12	10	69.8	25.4	D-67913
12	12	73	32	D-67929

# V groove bit

Shank dia. Overall dia. mm

12.7

12



D-68052

Shank dia. mm	Overall dia. mm	Length mm	Carbide Height mm	Angle (°)	Part No.
6	12.7	44.7	12.7	90	D-68155
6	19	47.7	16	90	D-68177
8	12.7	44.7	12.7	90	D-68183

38

# **Chamfer bit**



Shank dia.	Overall	Length	Carbide	Angle	Part No.
mm	dia. mm	mm	Height mm	(°)	
8	30.2	54.7	12.7	45	D-68719

# Flush trim bit 2 flutes



Shank dia. mm	Overall dia. mm	Length mm	Carbide Height mm	Part No.
6	9.5	66.9	26	D-67985
8	12.7	55.5	13	D-68024
8	12.7	68.5	26	D-68030

# Core box bit - 2 flutes



Shank dia. mm	nank dia. Overall Length mm			Radius 1 (R)	Part No.
8	12.7	41.3	10	6.35	D-68292

# Router Bits Standard Range (boxed pack)



- Standard Range of router bits
- The bits come in a compact and attractive case which can be label space beautifully displayed on the display stands

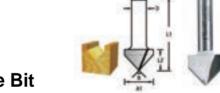


# Flush Trim Bit

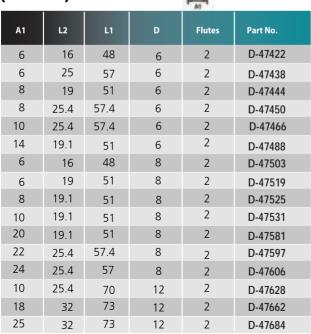
A1	L2	L1	D	Bearing size (mm)	Flutes	Part No.
9.5	26	66.9	6	9.5	2	D-47690
12.7	13	56	6	12.7	2	D-47709
12.7	26	68.5	6	12.7	2	D-47715
9.5	26	67	8	9.5	2	D-47721
12.7	13	55.7	8	12.7	2	D-47737

# Straight Bit (1 Flute)

A1	L2	L1	D	Flutes	Part No.
3	13	51	8	1	D-47379
4	13	51	8	1	D-47385
6	19	50.8	8	1	D-47400
6	19	50.8	6	1	D-47416



# Straight Bit (2 Flute)



# **V** Groove Bit

	A1	L2	L1	В	D	Flutes	Part No.		
	12.7	12.7	44.7	90°	6	2	D-47868		
	12.7	16	48	60°	6	2	D-47874		
	19	16	47.6	900	6	2	D-47880		
	12.7	12.7	44.7	900	8	2	D-47896		
	15.9	12.7	44	90°	8	2	D-47905		
	12.7	12.7	54	90°	12	2	D-47911		
	15.9	12.7	50.8	900	12	2	D-47927		
1	9.05	16	47.6	90°	8	2	D-47933		
1	9.05	16	57.3	90°	12	2	D-47949		
	28.6	22.2	60.3	90°	12	2	D-47955		
	12.7	16	48	60°	8	2	D-47961		

# **Round Nose Bit**

A1	L2	L1	R1	D	Flutes	Part No.		
6.35	12.7	44.5	3.2	6	2	D-47802		
9.5	12.7	44.5	4.8	6	2	D-47818		
6.35	12.7	44.5	3.2	8	2	D-47830		
9.5	12.7	44.5	4.8	8	2	D-47846		

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CHINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

# **Router Bits (Standard Range)**

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

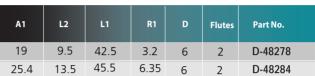


CUTTING (CONCRETE / METAL)

GRINDING

A1	L2	L1	D	Flutes	Part No.			
6.35	19	65	6	1	D-47771			
6.35	19	65	8	1	D-47787			
9.5	26	75	12	1	D-47793			





SANDING / POLISHING

SAWING

MULTI-TOOL

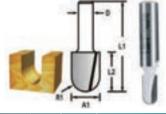
ROUTERS / PLANERS

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE



**Core Box Bit** 

A1	L2	Li	R1	D	Flutes	Part No.	
6.35	6.35	38.3	3.2	8	2	D-47977	
12.7	10	41.5	6.35	8	2	D-48000	

Roundover Bit with Bearing



A1	L2	L1	R1	D	Bearing size (mm)	Flutes	Part No.
20.6	10	58.6	4	6	12.7	2	D-48309
25.4	13.5	56.5	6.35	6	12.7	2	D-48315
28.6	14.5	57.3	7.9	6	12.7	2	D-48321
17.3	8	51	2.3	8	12.7	2	D-48343
20.7	10	52.3	4	8	12.7	2	D-48365
2.2	12.7	55	4.8	8	12.7	2	D-48371
25.4	13.5	56.5	6.35	8	12.7	2	D-48387
28.6	14.5	57.3	7.9	8	12.7	2	D-48393

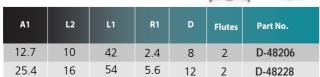
**Dovetail Bit** 

at a									
<b>A</b> 1	L2	Li	В	D	Flutes	Part No.			
6.35	8	63.5	7.5°	8	2	D-48050			

JOBSITE TOOLS

SPECIALTY TOOLS

# Classic Plunge Cut Bit



Beading Bit with Bearing



A1	L2	Li	R1	D	Bearing size (mm)	Flutes	Part No.
20.3	10	50.5	4	6	9.5	2	D-48452
22.2	12.7	53.2	4.8	6	9.5	2	D-48468
28.6	14.5	55.5	7.9	6	9.5	2	D-48474
20.7	10	50.5	4	8	9.5	2	D-48505

HAND TOOLS / COMBINATION SET

# **Router Bits (Standard Range)**



# Reversible Glue Joint Bit (Straight Profile)



A1	A2	L1	L2	D	size (mm)	Flutes	Part No.
30.1	6.35	57.2	25.4	8	-	2	D-48913
41.3	7.9	76.2	25.4	12	-	2	D-48929

/ FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CDINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Tongue & Groove Assembly

Part No.

D-48804

D-48767

**Flutes** 



A1	A2	Li	L2	D	Bearing size (mm)	Flutes	Part No.
41	8.5	71	19	12	24	4	D-48935

with Bearing

**Ogee Bit** 

**Roman Ogee Bit** 

with Bearing

L2

9.5

17.5

52.5

3.2

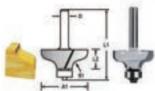
6.35

6

**A1** 

25.4

38.1



size

12.7

12.7

		<b>J</b>		per Al				
A1	L2	L1	R1	D	Bearing size (mm)	Flutes	Part No.	
31.8	12.7	55.6	4.8	8	12.7	2	D-48773	

# Slotting Cutter (3 Wing Slot Cutter)

A1	A2	L1	L2	D	Bearing size (mm)	Flutes	Part No.
47.6	12.7	59	2	8	22.2	3	D-48941
47.6	12 7	59	4	8	22.2	3	D-48979

# **Keyhole Bit**

A1	L2	L1	D	Flutes	Part No.
9.5	10.5	48	8	2	D-48907

# **Slatwall Router Bit**



It is used to prepare the groove for hooks to be used for exhibitions, indoor decorations, showrooms, etc. This will enhance our range of router

Dia (mm)	Length (mm)	Overall length	Shank (mm)	Flutes	Part No.
38	17.5	55.5	12	2	D-61852

Router Bits
Straight Bit

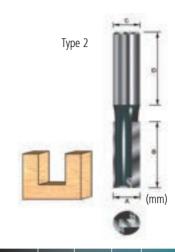
CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

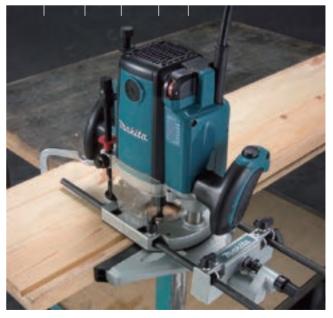
GRINDING



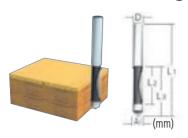


SANDING /	A	В	С	D	Туре	Part No.
POLISHING	2	8.0	6	32	1	D-12114
	3	8.0	6	32	1	D-12120
	3	12.0	6	32	1	D-12136
SAWING	3.18	12.7	6	32	1	D-12142
	3.97	12.7	6	32	1	D-12158
	4	12.0	6	32	1	D-12164
MULTI-TOOL	4.76	15.9	6	32	1	D-12170
	5	20.0	6	32	1	D-12186
	6	20.0	6	32	1	D-12192
	20	20.0	6	32	1	D-13742
ROUTERS / PLANERS	3	15.9	6	32	2	D-13409
	6	16.0	6	32	2	D-13415
	6	25.4	6	32	2	D-13502
NAILERS /	6	16.0	6	32	2	D-13627
STAPLERS	6	16.0	6	32	2	D-08816
	6	18.0	6	30	2	D-13910
	6	19.0	6	32	2	D-13633
HEAT GUN / LASER	6	25.4	6	32	2	D-13649
	6.35	25.4	6	32	1	D-12201
	8	18.0	6	32.5	2	D-13926
CLEANING	8	20.0	6	32	2	D-13655
CLEANING	8	25.0	6	32	2	D-13661
	8	25.0	6	32	2	D-13518
	10	25.0	6	32	2	D-13677
OPE	12	25.4	6	32	2	D-13683
	2	6.0	8	32	2	D-12217
	8	25.0	8	32	2	D-13948
JOBSITE	8	25.0	8	32	2	D-13699
TOOLS	12	38.1	8	32	2	D-13524
	12	50.8	8	32	2	D-13530
	12	63.5	8	32	2	D-13546
SPECIALTY TOOLS	13	20.0	8	32	2	D-13552
10023	13	25.0	8	32	2	D-13568
	14	20.0	8	32	2	D-13574
HAND TOOLS /	14	31.8	8	32	2	D-13708
COMBINATION SET						

A	В	с	D	Туре	Part No.
10	25.0	12	38	2	D-13714
10	25.0	12	26	2	D-13895
10	31.8	12	38	2	D-13421
12	20.0	12	38	2	D-13580
12	25.4	12	38	2	D-13437
12	30.0	12	25	2	D-13904
12	31.8	12	38	2	D-13720
12	38.1	12	38	2	D-13596
12	38.1	12	38	2	D-13443
12	50.8	12	38	2	D-13459
12	63.5	12	38	2	D-13465
13	20.0	12	38	2	D-13471
13	25.0	12	38	2	D-13487
14	20.0	12	38	2	D-13493
14	31.8	12	38	2	D-13605
16	31.8	12	38	2	D-13611
25.4	25.4	12	38	2	D-13736
12	30.0	12.7	31	2	D-07901

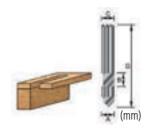


# **Drill Point Flush Trimming Bit**



D	A1	L1	L2	L3	Part No.
9.5	8	60	20	35	793107-6
12	12	60	20	35	D-10584

# **Panel Pilot Bit**



A	В	С	D	Part No.
6	6.35	6	38	D-12348

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

> NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

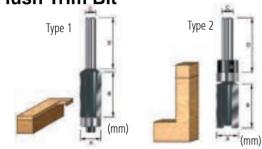
JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Flush Trim Bit



А	В	С	D	Туре	Part No.			
6.35	19	6	32	1	D-12223			
9.5	25.4	6	32	1	D-12239			
10	20	6	30	1	D-13932			
12.7	25.4	6	32	1	D-12245			
9.5	12.7	8	32	1	D-12251			
12.7	30.2	8	32	1	D-12267			
12.7	50.8	12	38	1	D-10506			
12	19	8	32	2	D-12304			
12	25	8	32	2	D-12310			
28.58	30.16	12	38	2	D-12273			
28.58	38.1	12	38	2	D-12289			
32	38.1	12	38	2	D-12295			

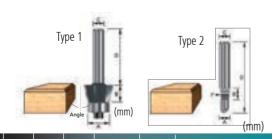
# Drill Point Double Flush



"V" Groove Bit

D	A1	L1	L2	L3	L4	Part No.
9.5	8	80	55	20	25	793110-7
12	12	85	60	24	22.5	793127-0

# **Bevel Trim Bit**

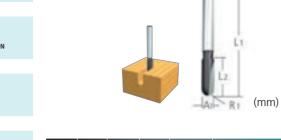


A	В	с	D	Angle	Туре	Part No.
6	6.35	6	38	7°	2	D-12332
14.5	9.5	6	32	7°	1	D-12326
19.9	9.5	8	32	22°	1	D-10615

А	В	с	D	Angle	Part No.	Part No.
9.5	9.5	6	32	90°	-	D-12360
12.7	11.11	6	32	90°	-	D-12376
12.7	12.7	6	32	90°	-	D-12398
19.05	15.9	6	32	90°	-	D-12407
20	15	6.35	32	90°	793194-5	-
9.5	9.5	8	32	90°	-	D-12382
9.5	9.5	12	38	au <sub>o</sub>		D 122E4

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING



"U" Groove Bit

CUTTING (CONCRETE / METAL)

GRINDING

D	A1	L1	L2	R1	Part No.	Part No.
6	6	50	18	3	793328-0	D-09329
6.35	6	50	18	3	793329-8	-
12.7	12	55	20	6	793100-0	-

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS	

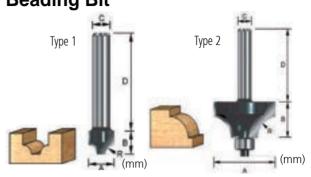
NAILERS / STAPLERS

HEAT GUN / LASER

Core Box Bit	8
Type 1	Type 2
(mm)	R (mm)

A	В	с	D	R	Туре	Part No.
6	6	6	32	3	1	D-12441
12.7	12.7	6	38	-	2	D-12550
12	9.5	8	32	6	1	D-10805
20	16	8	32	10	1	D-12457
12.7	9.5	12	38	6.35	1	D-12429
15.9	12.7	12	38	7.94	1	D-12435

# **Beading Bit**



Α	В	С	D	R	Туре	Part No.
12.7	11.11	6	32	4.76	1	D-12479
19	9.5	6	32	3.18	2	D-12706
20.7	9.5	6	32	4	2	D-12712
22.2	9.5	6	32	4.76	2	D-12728
24.7	12.7	6	32	6	2	D-12734
25.4	11.11	6	32	6.35	2	D-12740
28.6	12.7	6	32	8	2	D-12756
31.8	15.9	6	32	9.52	2	D-12762
32.7	16	8	32	10	2	D-13823
38.1	19	8	32	12.7	2	D-11368
30	20	12	35	4	2	793071-1
32.7	16	12	38	10	2	D-12681
36.7	19	12	38	12	2	D-13839
50.8	25.4	12	38	19.05	2	D-11374
88.9	44.45	12	45	38.1	2	D-12697

CLEANING

OPE

JOBSITE TOOLS

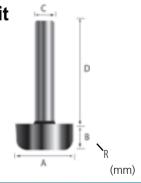
SPECIALT

HAND TOOLS / COMBINATION SET



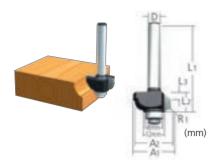
A	В	с	D	R	Part No.
15.9	15.9	6	32	11.11	D-12463

# **Cove Beading Bit**



A	В	c	D	R	Part No.
20	8	6	39	4R	793146-6
25	13	6	35	8R	793147-4

# **Ball Bearing Cove Beading Bit**



D	A1	A2	L1	L2	L3	R1	Part No.
6	20	18	40	10	5.5	30	793157-1
6.35	26	22	42	12	5	5º	793175-9



Α	В	С	D	R	Part No.
12.7	9.5	6	32	2.380	D-12522
19.05	12.7	6	32	3.970	D-12538
12.7	9.5	8	32	2.380	D-11069
19.05	12.7	8	32	3.97°	D-11075
12.7	9.5	12	38	2.380	D-12500
19.05	12.7	12	38	3.97°	D-12516
38.1	22.2	12	38	8.730	D-11097

DRILLIN / FIXIN

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

> NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

TOOLS

SPECIALTY

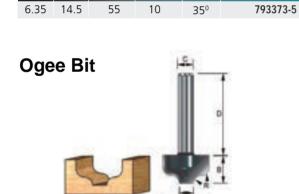
HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Classic Beading Bit

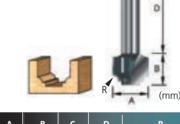
(mm)

Part No.



**Dovetail Bit** 

A	В	c	D	E	R	Part No.		
12.7	9.5	6	32	4.76	1.980	D-12485		
19.05	11.11	6	32	6.35	$3.18^{\circ}$	D-12491		



А	В	С	D	R	Part No.
19.05	11.11	12	38	3.18 <sup>0</sup>	D-12544

Pierce & Round (Plunge Cutting)	Over Bit
	.0
<del>-</del>	(mm)

Α	В	С	D	R	Part No.
38.1	22.2	8	32	12.7°	D-13889

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

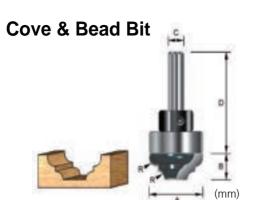
OPE

JOBSITE TOOLS

SPECIALTY TOOLS

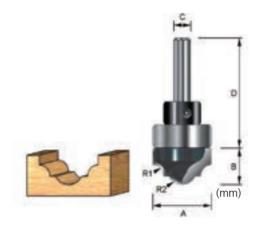
HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

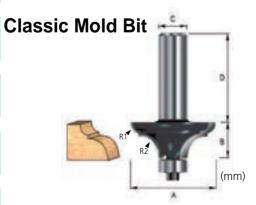


Α	В	С	D	R	Part No.
22	9.9	8	40	3.18°	D-11156
35	14.28	12	50	5.56°	D-12566

# **Classical Plunge Bit**

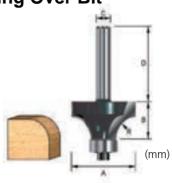


Α	В	С	D	R	Part No.
22	12.7	8	40	R1=3.97°, R2=5.55°	D-11178
35	14.28	12	50	R1=6.35°, R2=10.32°	D-12572



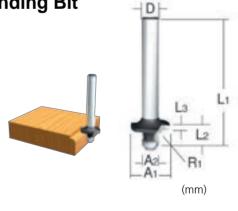
Α	В	С	D	R	Part No.
38.1	15.9	8	32	R1=3.18°, R2-9/5°	D-11704
38 1	15 Q	12	38	R1-3 180 R2-9 50	D-13020

# **Rounding Over Bit**



Α	В	С	D	R	Part No.
15.9	9.5	6	32	1.590	D-12603
19	9.5	6	32	3.180	D-12619
24.7	12.7	6	32	6º	D-12625
25.4	11.11	6	32	6.350	D-12631
28.6	12.7	6	32	80	D-12647
31.8	15.9	6	32	9.520	D-12653
38.1	19	6	32	12.70	D-12669
20.7	9.5	8	32	40	D-11209
24.7	12.7	8	32	6º	D-12675
31.8	15.9	8	32	9.520	D-11243
32.7	16	12	38	10º	D-12588
36.7	19	12	38	12º	D-12594
38.1	19	12	38	12.70	D-13786
20	10	12.7	40	6º	793104-2

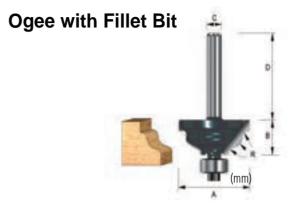
Ball Bearing Corner Rounding Bit



D	A1	A2	L1	L2	L3	R1	Part No.
6	15	8	37	7	3.5	30	793151-3
6	21	8	40	10	3.5	60	D-09444
6.35	21	8	40	10	3.5	60	793169-4



A	В	С	D	Part No.
31.8	3.18	6	32	D-12843
31.8	4.76	6	32	D-12859
31.8	6.35	6	32	D-12865
31.8	7.94	6	32	D-12871
31.8	9.5	6	32	D-12887



A	В	с	D	R	Part No.
34.9	14.28	8	32	4.76°	D-11586
41.28	17.46	8	32	6.35°	D-11592

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

\_\_\_\_\_

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

> NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

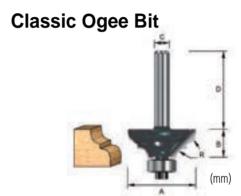
JOBSITE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET



-						
	A	В	С	D	R	Part No.
Ī	27	11.9	6	32	3.97°	D-12902
	34.9	16.6	6	32	6.35°	D-12918
	27	11.9	8	32	3.97°	D-11542
	34.9	16.6	8	32	6.35°	D-11558
	43	25	12	38	8°	D-12893



Α	В	с	D	R	Part No.					
25.4	12.7	6	32	3.18°	D-12946					
31.8	14.28	8	32	4.76°	D-11617					
38.1	17.46	12	38	6.35°	D-12930					



А	В	c	D	R	Part No.
31.	8 12.7	8	32	4.76°	D-11564
38.	1 17.46	8	32	6.35°	D-11570
38.	1 17.46	12	38	6.35°	D-12924

Classic Roman Ogee Bit	
B	(mm)

A	В	с	D	R	Part No.
20	10	6	30	4.5°	793155-5
25.4	12.7	6	32	3.18°	D-12968
31.8	15.9	6	32	4.76°	D-12974
25.4	12.7	8	32	3.18 °	D-11639
31.8	15.9	8	32	4.76°	D-11645
38.1	19	12	38	6.35 °	D-12952

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

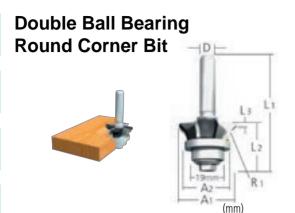
SAWING

MULTI-TOOL

ROUTERS / PLANERS

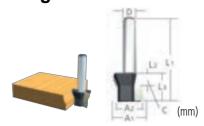
NAILERS / STAPLERS

HEAT GUN / LASER



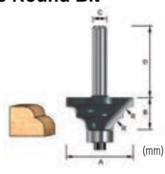
D	A1	A2	L1	L2	L3	R1	Part No.
12.7	35	27	70	11	3.5	30	793093-1

# **Chamfering Bit**



D	A1	A2	L1	L2	L3	c	Part No.
12.7	30	20	55	12	20	40	793114-9

# **Double Round Bit**



А	В	С	D	R	Part No.
31.8	14.28	6	32	4.76°	D-12784
31.8	14.28	8	32	4.76°	D-11411
38.1	17.46	12	38	6.35°	D-12778

# Chamfer Bit

А	С	D	R	Part No.
23	6	35	30°	793144-0
20	6	35	60°	793145-8
26	8	32	45°	D-12837
57.15	12	38	45°	D-12821

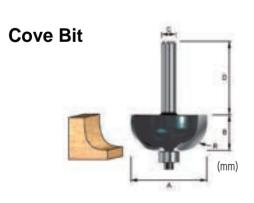
CLEANING

OPE

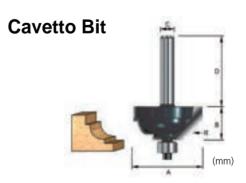
TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

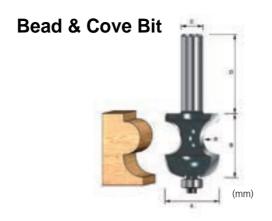


A	В	с	D	R	Part No.
15.9	9.5	6	32	3.18°	D-12790
19	9.5	6	32	4.76°	D-12809
22.2	9.5	6	32	6.35°	D-12815
28.6	12.7	8	32	9.520	D-11477



A	В	с	D	R	Part No.
25.4	12.7	6	32	4.760	D-12996
28.6	14.28	6	32	6.35°	D-13007
28.6	14.28	8	32	6.35°	D-11673
31.8	15.9	8	32	7.94°	D-11689
31.8	15.9	12	38	7.94°	D-12980





Α	В	c	D	R	Part No.
31.8	14.28	8	32	3.180	D-11695
31.8	14 28	12	38	3.18 <sup>0</sup>	D-13013

А	В	с	D	R	Part No.
31.8	36.51	8	38	9.52°	D-13063

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

TOOLS

SPECIALTY

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Decor Sunk Bead Bit / Radius Sunk Bead Bit



Radius Sunk Bead Bit\*

Α	В	С	D	R	Part No.
38.1	6.35	6	32	3.180	*D-13041
38.1	6.35	6	32	3.180	D-13057
38.1	6.35	12	38	3.18°	D-13035

		0
5		R R S
3	#	(mm)
13.476		

Multi Reed Bit

Α	В	С	D	R	Part No.
22.2	25.4	6	32	3.18 <sup>0</sup>	D-13079
22.2	25.4	8	32	3.18°	D-13085

# **Three Bead Fluting Bit**



ı	Α	В	С	D	R	Part No.
	22.2	25.4	6	32	3.180	D-13091
	22.2	25.4	8	32	3.18 <sup>0</sup>	D-13100

Cove & Bead Bit	m –
	RT

Α	В	С	D	R	Part No.
28.6	22.2	12	38	6.35°	D-13116
41.28	31.8	12	38	12.70	D-13122

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING Moulding Bit

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

A	В	С	D	R	Part No.			
17.46	25.4	6	32	3.180	D-13194			
19	25.4	6	32	1.980	D-13203			
19	25.4	6	32	1.980	D-13219			
17.46	25.4	8	32	3.180	D-13225			
19	25.4	8	32	1.980	D-13231			
23.8	34.9	12	38	3.970	D-13138			
23.8	34.9	12	38	3.970	D-13144			
26.99	41.28	12	38	3.180	D-11748			
25.4	34.9	12	38	3.970	D-13150			
25.4	42.8	12	38	3.180	D-13166			
34.9	41.28	12	38	3.18°	D-13172			
38.1	38.1	12	38	3.18°	D-13188			

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

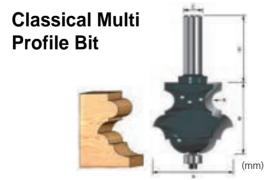
HEAT GUN / LASER

CLEANING

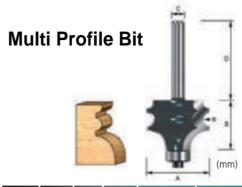
OPE



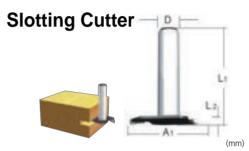
A	В	С	D	R	Part No.
25.4	22.2	12	38	3.970	D-13247
44.45	28.6	12	38	3.18°	D-11754



А	В	с	D	R	Part No.
31.8	25.4	8	32	3.970	D-11760
57.15	47.6	12	45	3.18 <sup>0</sup>	D-11776

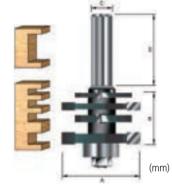


A	В	С	D	R	Part No.
31.8	23.8	12	38	3.180	D-13253
34.9	19	12	38	2.38°	D-13269
50.8	30.1	12	38	4.760	D-13275



D	A1	L1	L2	Part No.
12	30	55	3	793067-2
12	30	55	6	793068-0

# Variable Slot Cutter Set



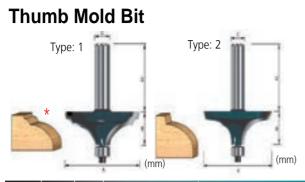
A	В	С	D	Part No.
47.6	18.2	12	38	D-13281

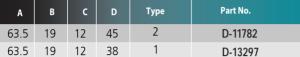


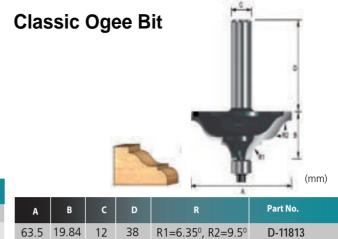
A	В	с	D	R	Part No.
63.5	19	12	38	9.520	D-11807

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

HAND TOOLS / COMBINATION SET







DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

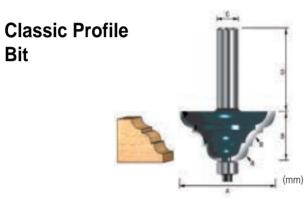
OPE

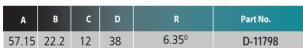
JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

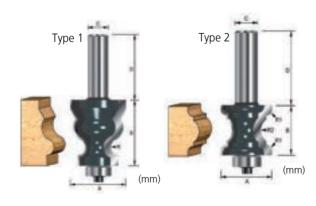






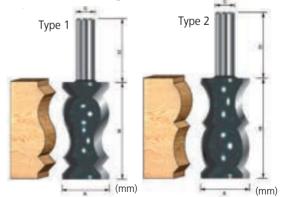
A	В	С	D	R	Part No.
31.8	38.1	12	38	R1=9.52°, R2=12.7°	D-13306

# **Decorative Bead Bit**



Α	В	С	D	R		Part No.
31.8	31.8	12	38	R1=3.97°, R2=7.94°	2	D-13312
34.9	41.28	12	38	R1=4.76°, R2=12.7°	2	D-13328
34.9	38.1	12	38	$R = 4.76^{\circ}$	1	D-13334

# **Crown Molding Bit**



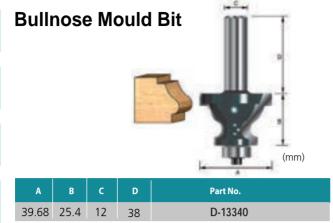
Α	В	С	D	Туре	Part No.
31.8	57.1	12	38	1	D-13801
31.8	57.1	12	38	2	D-13817



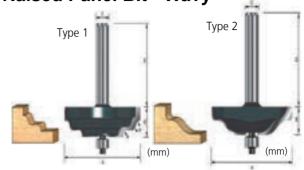
CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)



# **Raised Panel Bit - Wavy**



A	В	С	D	Туре	Part No.
76.2	19	12	50	1	D-13356
76.2	15.9	12	50	2	D-13362
76.2	15.9	12	50	2	D-13378
76.2	15.9	12	50	2	D-13384

# GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

Decorative Bead Bit	m
	R (mm)

A	В	С	D	R	Part No.
39.7	28.6	12	38	3.180	D-13792



A	В	С	D	Part No.
31.8	25.4	8	32	D-13390

# HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

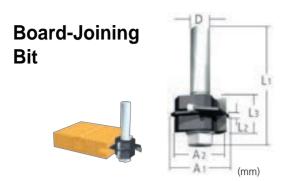


A	В	С	D	E	R	Part No.
51.15	31.8	12	40	15	12.7°	D-13873

# **Hinge Boring Bit**



A	c	L	Part No.
20	8	76.2	D-13845
25	8	76.2	D-13867
22.22	10	76.2	D-13851
35	10	76.2	D-13758



D	A1	A2	L1	L2	L3	Part No.
12	38	26	61	4	20	793189-8
12.7	38	26	61	4	20	793191-1

# Straight Sash Router Bit For Model: 4402

D	A1	L1	L2	Part No.
6	6	65	18	D-16988
6.35	6.5	60	15	793119-9

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CDINIDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

> NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

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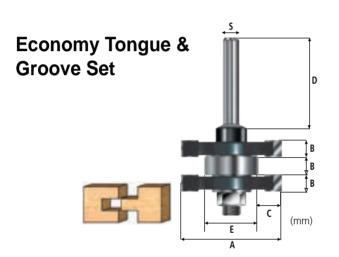
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JOBSITE TOOLS

SPECIALTY TOOLS

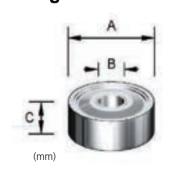
HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



A	В	С	D	E	S	Part No.
41	6.35	9.5	32	32	8	D-12011
41	6.35	9.5	38	22	12	D-12027

# **Ball Bearing**



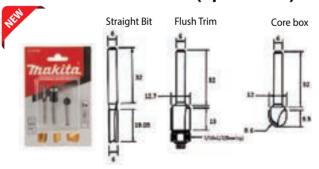
A	В	С	Part No.
9.52	4.76	3.18	D-13764
12.7	4.76	4.76	D-13770

# **Double Drill Bit**



D	<b>A</b> 1	A2	LI	L2	Part No.
6	12	6.5	60	12	793082-6
6.35	18	6.5	60	12	793115-7

# Router Bit Starter Set (3pcs / Set)



Type / Size	Dia	L	R	Shank	Bearing Size	Flutes	Part No
Straight Bit	6	19.05	-	6	-	1	
Flush Trim Bit	12.7	13	-	6	12.7	2	D-70459
Core Box	12	9.5	6	6	-	2	

# Router Bit Set (12pcs / Set)



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

	Pa	<b>₹</b> Ø	<b>F</b> a	, <b>1</b> 100		

Size	1	2	3	4	5	6	7	8	9	10	11	12	Part No.
8mm	D:12.7 R:6.35	D:16.0 B:20.0	D:6.0 B:20.0	D:28.6 R:9.5	D:12.7 B:9.1	D:25.0 R:4.0	D:22.2 R:6.3	D:22.0 R:6.3	D:12.7 B:12.7	D:32.0 B:12.2	D:12.7 B:13.0	D:12.0 B:20.0	A-88054
6mm	B:8.8	L:28.0	L:25.0	B:17.0 L:25.5	A:90° L:29.0	B:16.0 L:26.5	B:13.5 L:25.0	B:12.7 L:26.5	A:14° L:29.0	A:45° L:30.0	L:29.0	L:28.0	A-87921

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALI

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

	Multipurpose Router Bits (22pcs Set)								
Shank mm	Diameter mm	Overall Length mm	Carbide Height mm	Part No.					
Straight	Bit 2 Flu	tes							
8	20	51	19						

mm	mm	Length mm	Height mm	Part No.
Straight I	Bit 2 Flu	tes		
8	20	51	19	
8	16	51	19	
8	12	51	19	
8	10	51	19	
8	8	51	19	
Straight	Bit 1 Flu	tes		
8	6	51	19	
8	4	51	13	
8	3	51	13	
Rounding	g Over			
8	17.3	51	8	
8	19	53.4	9.5	
8	25.4	56.5	13.5	
8	22.2	55	12.7	
Chamfer				
8	30.2	54.5	12.7	
Cove				D-74778
8	22.2	55.6	12.7	
Corebox				
8	12.7	41.5	10	
V Groovi	ing			
8	12.7	48	16	
8	12.7	44.7	12.7	
Flush Tri	m			
8	9.5	67	26	
8	12.7	68.5	26	
Dovetail				
8	15	52	14.3	
Rabbetir	ng			
8	31.8	54.6	12.2	
Panel Pil	ot Bit			
8				

Basic grooving Router Bits (22pcs Set)	<b>S</b> 1

Shank mm	Diameter mm	Overall Length mm	Carbide Height mm	Part No.
Straigh	nt Bit 2 F	lutes		
8	12	51	19	
8	10	51	19	
8	8	51	19	
8	6	51	19	
8	6	48	16	
Straigh	nt Bit 1 F	lutes		
8	6	51	19	
8	5	48	13	
Corebo				
8	6.35	38.3	6.35	
8	7.9	40	8	
8	12.7	41.5	10	
8	9.5	41.3	9.5	
V Groo	ving			
8	12.7	48	16	
8	12.7	44.7	12.7	D-74784
Flush T	rim			
8	9.5	67	26	
Doveta	ail			
8	12.7	45	13	
8	9.5	40	9.5	
8	6.35	63.5	8	
Panel I	Pilot Bit			
	6.35	65	19	
Round	Nose Bit	t		
8	6.35	44.5	12.7	
8	9.5	44.5	12.7	
Keyhol	le Bit			
8	9.5	48	10.5	
0	5.5	-10		

8.3

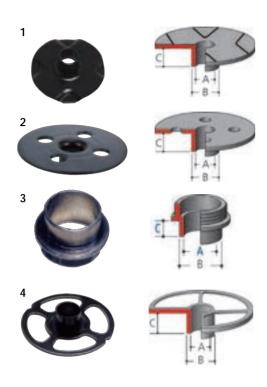
41.3

**Ball Groove Bit** 

9.5

# **Templet Guide**

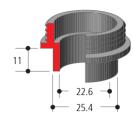
For fast production and complicated shapes by using templet.



\*RT0700C & DRT50 - Use with base assembly

TRIO/OUC & DRISO - Ose with base assembly								
For Model	A (mm)	B (mm)	C (mm)	Part No.				
3700B, N3701, 3703, 4402, 3709, 3710	8	10	9.5	343577-5				
	7.7	9.5	11.5	164379-4				
	9	11	13	164775-6				
	10	12	9	164388-3				
3606, 3612BR,	11	12.7	13	164776-4				
3620, 3612C,	14	17	20	165366-6				
3612, RP0900,	14.5	16	13	344364-5				
RP1800, RP2300FC	18	20	13	164393-0				
*RT0700C,	24	27	13	164470-8				
*RT0702C, *DRT50, *RT001G	25	29	15	163080-8				
DRISO, RIGOIG	27	30	13	164471-6				
	37	40	13	165046-4				
	37	40	13	164472-4				
	11.1	12.7	14.3	321472-9				
3600, 3600H,	10.9	12.7	8	323449-0				
3601B	14	16	8	323018-7				
	14	16	14.5	321308-2				
	7.7	9.5	8	193330-7				
	10.5	12	14	193332-3				
	14	17	20	165365-8				
DD0010	18	20	13	193335-7				
RP0910, RP1110C	24	27	13	193336-5				
III I I I I C	25	29	13	193337-3				
	37	40	13	193339-9				

# **Templet Guide 25**

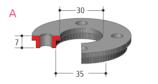


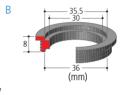
For Model	Part No.
All routers	321812-1

\*RT0700C, \*RT0702C \*DRT50, \*RT001G - Use with base assembly

# **Templet Guide adapter 30**

For B&D, Porter Cable, two-piece templet guide.





\*RT0700C & DRT50 - Use with base assembly

For Model	Туре	Part No.
3612 /C/BR, 3620, RP0900, RP1800, RP2300FC, *RT0700C, *RT0702C, *DRT50, *RT001G	А	321492-3
3600/H, 3601B	В	321493-1

# Nut M<sub>30</sub>

Use with Templet Guide 25 and Templet Guide Adapter 30



For Model	Part No.
All routers	252627-4



DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CDINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALTY

HAND TOOLS /
COMBINATION SET

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

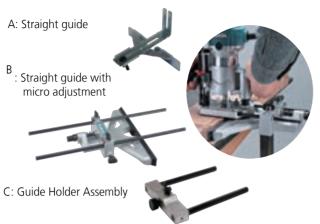
CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

**Straight Guide Assembly** 



For Model	Туре		Part No.
3700B, N3701, 3703, 4402	А		122391-0
3600, 3600H, 3601B	А		123029-0
3709, 3710	Α		122704-5
3612BR	Α		342428-9
RP0900, RP1110C, 3620	Α		164834-6
3612BR, RP0900, RP0910 RP1100, RP1101, RP1800, RP2300FC, *RT0700C, *RT0702C, *DRT50, *RT001G	В	Steel	193312-9
RP1800, RP2300FC, RP0900, RP1110C, *RT0700C, *RT0702C, *DRT50, *RT001G	В	Aluminium	195136-9
3612BR, 3612C, 3612	C		122256-6
RP1800, RP2300FC	С		122700-3

\*RT0700C, \*RT0702C, \*DRT50, \*RT001G: Use with plunge base assembly

# **Trimmer Guide Assembly**



For Model	Part No.
3600H, 3601B, 3600	122343-1
3612BR, 3612C, 3612, RP1800, RP2300FC	123022-4
3620, RP0900, *RT0700C, *RT0702C, *DRT50, *RT001G	STEX122385
3709, 3710	122703-7

\*RT0700C, \*RT0702C, \*DRT50, \*RT001G: Use with plunge base assembly

# ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

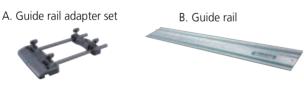
OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

# **Guide Rail Adapter Set**



C. Clamp set







For Model		Part No.
3612BR, RP0900, RP1800, RP2300FC, *RT0700C, *RT0702C, *DRT50, *RT001G	А	194579-2
Guide rail 1.4m	В	194368-5
Guide rail 3.1m	В	194367-7
Clamp set (2Pc)	C	194385-5

\*RT0700C, \*RT0702C, \*DRT50, \*RT001G: Use with plunge base assembly

# **Collet Sleeve**

Reduces collet size from:

12mm to 10mm, 8mm or 6mm, 1/2" to 10mm, 3/8" or 1/4".

• Available for inch collet chuck.



For Model	Size	Part No.
	6mm	763801-4
	6.35mm	763808-0
3600, 3600H, 3601B, 3612BR, 3612, 3612C, RP1800, RP2300FC	8mm	763804-8
	10mm	763807-2
	•1/4"	763803-0
	•3/8"	763805-6
	•10mm	763806-4
3706	3.18mm	324149-5

# **Collet Cone (Collet Chuck)**

- Collet chuck
- Collet cone assembly









For Model	Size	Part No.
3700NB, N3701, 3703, 3704,	6mm	763607-0
4402, 3606, 3706	6.35mm	763608-8
3709	6mm	763662-2
3710	12.7mm	763663-0
3600H, 3612BR, 3612C,	13mm	763632-1
3612, RP1800 / RP2300FC	12mm	763628-2
,	12.7mm	763622-4
3600, 3600BR, 3601B	12mm	•763601-2
3000, 3000BN, 3001B	12.7mm	•763602-0
	8mm	763618-5
3620, RP0900,	9.5mm	763619-3
RT0700C, RT0702C, DRT50 RT001G	6mm	763636-3
	6.35mm	763637-1
RP1110	6mm	•193180-0

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

<b>Trimmer</b>	<b>Shoe</b>
----------------	-------------

Enables accurate chamfering and similar edge work.



For Model Part No. 3700B, N3701, 3703, 4402 155263-4 SANDING / POLISHING

SAWING

# **Trimmer Base Assembly**

- A. Transparent Base.
- B. For chamfering by Straight Bit.
- C. Fine depth adjustment.





For Model	Туре	Part No.
	_	122202-9
3700B, N3701, 3703, 4402	А	122238-8
	В	STEX122390
2700 2710	-	122753-2
3709, 3710	B, C	194269-7

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

# Sash Router Base Assembly

For Model	Part No.
3700B, N3701, 3703, 4402	JPA122201

CLEANING

OPE

JOBSITE TOOLS

# Base Assembly (Attachments) for RT0700C, RT0702C, DRT50, RT001G

• Able to meet a wide range of needs with the motor unit and the following various attachments

Tilt base assembly

Tilting capacity:

• Versatile system enables user to easily customize Model

Plunge base assembly Optional fine adjusting straight guide can be used.



Part No.



195563-0







195561-4 Part No.

Offset base assembly Able to trim close

to wall and tight corners with a bit set in offset position.

Distance 18.5mm from the edge to the center of bit

Part No. 195562-2 Trimmer base assembly Standard with RT0700C, RT0702C, DRT50, RT001G



Part No. 196613-4

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

Size (mm) Part No **Part No** Planer Blade (2pcs per pkg) Type (With country For Model DRILLING / 793001-2 HSS (High Speed Steel planer blade). 1600 80 HSS Fine cutting surface A-07397 CONCRETE DRILLING / DEMOLITION TCT (Tungsten Carbide Tipped planer blade). 1100, N1900B/K, Higher durability suitable for hard wood 1902, N1923B/K, 82 HSS D-16346 KP001G, KP0810. KP0800XK DKP180 / DKP181 MIXING / STIRRING 1911B 110 HSS D-71211 793011-9 CUTTING (CONCRETE / METAL) 1804N A-07428 136 HSS \* Use with set plate (343692-5) 793012-7 1805N D-70910 155 HSS 2030 155 793018-5 HSS 2030 155 HSS 793014-3 HSS 2030N 320 793323-0 SANDING / POLISHING 2040 HSS 400 793019-3 2012, 2012NB HSS \*199911-5 306 Mini Planer Blade (2pcs per pkg) SAWING Size (mm) Туре Part No. For Model 1100, N1900B/K, The blade has edges on both sides for long life. 1902, N1923B/K, TCT 82 \* D-07945 KP0810, KP0800XK MULTI-TOOL DKP180 / DKP181 KP001G 793346-8 ROUTERS / PLANERS 306 2012, 2012NB HSS (Disposable) Use with set plate (343433-9) NAILERS / STAPLERS **Sharpening Holder Assembly** For Model Size (mm) Part No. For high speed steel blades 1100, N1900B/K, 1902, N1923B/K, 123004-6 82 KP0800XK, KP0810, DKP180 / DKP181 HEAT GUN 1804N, 1805N, 1806B 136 123006-2 1002BA, 1911B 110 123055-9 KP001G 191C17-3 CLEANING For Model Grit **Dressing Stone** Part No. (mm OPE For HSS planer blade 1100, N1900B/K, 1902, N1923B/K, 150 WA1200 794061-7 KP0800XK, KP0810, DKP180 / 81, KP001G JOBSITE TOOLS 1804N, 1805N, 1806B 180 WA1200 794060-9

For Model

2012NB

DKP181, KP001G

1100, N1900B/K, 1902, N1923B/K,

KP0800XK, KP0810, DKP180 1804N, 1805N, 1806B Part No.

122695-0

123009-6

762016-0 191C19-9

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

HAND TOOLS / COMBINATION SET

SPECIALTY TOOLS Blade Gauge Assembly

For setting up of TCT and HSS blades

# **Edge Fence (Guide Rule)**



For Model	Туре	Part No.
1805N	C	191454-3
N1900B, 1902, 1911B	C	191455-1
N1923B, 1923H	D	164371-0
KP001G	Е	191C23-8
KP001G, DKP181, KP0810/C, N1923B, 1923H	F	342390-8
KP001G	Н	191C22-0

Part No.

191725-8

Part No.

193902-8

Part No.

762014-4

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

# **Extension Guide Set**

For adding length of the fence (use with D type (Hedge fence) Guide rule & screw)



Hood Set	For Model	Outer Dia (mm)	Part No.
	2012NB	76mm	193036-7

For Model

KP0800XK

For Model

2012, 2012NB

Model

N1900B/K, N1923B/K, 1902, 1911B,

SAWING

# **Nozzle Assembly**

Non-clogging hip deflection in desired direction



For Model	Part No.
1805N	JPA122197
N1900B, N1923B	JPA122194
DKP180 / DKP181 KP0810/C, KP0800 (Elbow)	416368-8
KP001G	191C20-4

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **Planer Stand**

LxWxH:442 x 271 x 450mm



For Model	Part No.
1600, 1923H	762001-3

_	 _

Magnetic Holder	For Model	
For setting of blade	2012, 2012NB	

For setting of blade

**Triangular Rule** 



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **Dust Bag Assembly**

For effective chip and dust collection



For Model	Part No.
1100	STEX122312
1911B	122402-1
1923H	192268-3
1902, N1900B/K, N1923B/K	122230-4
1901	STEX122269
KP0810, KP0800XK, DKP180, DKP181	122793-0
KP001G	191C21-2

**Hex Wrench** 

Soci	<b>cet</b>	Wr	en	ch	9

For Model	(mm)	Part No.
1806B, N1923B, 1911B	4.0	783202-0
2012NB	2.5	783208-8

For Model Part No. 1100, N1900B/K, 1911B, N1923B/K,1902, 782209-3 1805N, KP0810, KP0800K, DKP180, DKP181 782203-5 2012NB

# **Plate Joiner Accessories**

# **Cutter Blade**

• Carbide-tipped plate joiner blade

For Model	Dia (mm)	Bore Dia(mm)	Teeth	Tip thickness	Part No.
DPJ180, PJ7000, 3901	100	22	6	4	B-20644

# **Cross-cut Saw Blade**

• For smoother cross-cut work. Makes smoother cuts than combination blade.



For Model	Dia (mm)	Teeth	Tip thickness	Part No.
DPJ180, PJ7000, 3901	110	60	4mm	792012-4

# **Set Plate**

• To center joiner blade on 12mm stock while using pivoting fence.



For Model	Part No.
DPJ180, PJ7000, 3901	415579-2

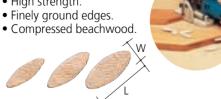
# **Angle Guide**



For Model		Part No.
DPJ180, PJ7000, 390	1	122473-8

# Biscuit (1000 pcs. in set)

- Premium quality.
- Select cut size.
- High strength.
- Compressed beachwood.



For Model	Туре	L x W (mm)	Part No.
DPJ180, PJ7000, 3901	#0	46 x 15	P-08838
DPJ180, PJ7000, 3901	#10	54 x 19.5	P-08844
DPJ180, PJ7000, 3901	#20	56 x 23.5	P-08850



DRILLING
/ FIXING

CONCRETE
DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

Chain Mortiser Accessories				
Cutter chain	For Model	Size (mm)	Туре	Part No.
A: Use with the sprocket (Part No. 221502-5) &		15	-	A-16564
chain bar (Part No. 122235-4)		16.5	-	A-16570
	7104L	18	-	A-16586
	71046	21	-	A-16592
		24	-	A-16601
		30	А	A-16617
Oil supply 100 mL	For Model			Part No.
18811113	7104L			182229-1

# Stapler, Pinner, Brad Nailer, Coil Nailer



# FN001G 40V MAX | **CO**

## Cordless Brad Nailer



# **High Power and High Speed Brad Nailer**

- XGT Li-lon battery and BL motor quickly re-compress the spring for next firing
- Counterweight mechanism reduces vibration
- Anti-dry fire mechanism prevent driving blanks and damage to work surface
- Low recoil mechanism reduces a recoil when shooting
- Contact arm mechanism enables continuous nailing and drag nailing
- Contact top designed easy nail placement
- Slim nose with nose adapter



Length: 15, 20, 25, 30, 35, 40 mm
Gauge: 18 Ga
100
2.5 m/s² or less
81 dB(A)
92 dB(A)
234 x 86 x 243 mm (without battery)
1.9 kg (without battery)

Standard Equipment: Nose Adapter, Safety Goggles, Belt Clip, Hex Wrench

AVAILABLE VARIANTS		
2.0Ah	"Z" VARIANT	
FN001G A2 INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	FN001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

# DFN350 18V | /LXT

# Cordless Brad Nailer



# Ideal for light duty applications such as fastening chamfer strip to concrete form plywood wall

- Counterweight mechanism reduces vibration
- Anti-dry fire mechanism prevent driving blanks and damage to work surface
- Low recoil mechanism reduces a recoil when shooting
- Contact arm mechanism enables continuous nailing and drag nailing
- Contact top designed easy nail placement
- Slim nose with nose adapter



Capacity	Length: 15 - 35 mm / Gauge: 18 Ga
Magazine Capacity	110
Shot q'ty on a single full battery charge	w/ BL1850B: 4,000
Vibration Level	2.5 m/s <sup>2</sup> or less
Sound Pressure Level	81 dB(A)
Sound Power Level	92 dB(A)
Dimensions (L x W x H)	257x79x228 mm
Net weight	2.4 kg

Standard Equipment: Safety Goggles, Belt Clip, Hex Wrench

AVAILABLE VA	ARIANTS
5.0Ah	"Z" VARIANT
DFN350 RTJ INCLUDES 2 BATTERIES / 1 CHARGER / MAKPAC CONNECTOR CASE	DFN350 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

# **AF301**

# Pneumatic Brad Nailer



# Accurate high caliber nailer

- Durable and lightweight die cast housing
- 360 degree multi-direction exhaust ports

Standard Equipment: Oil Supply, Hex Wrench

- Rubber handle
- Uses 18 gauge brad nails from 13/32" to 1-3/16" (10 mm to 30 mm)



	n : 1.25mm (0.050") ness : 1.05mm (0.041")
Shank thickness : 1.05mm (0.041")  Gauge : 18  Length : 10 - 30 mm (13/32" - 1-3/16")  Nail capacities 100	ness : 1.05mm (0.041")
Gauge : 18 Length : 10 - 30 mm (13/32" - 1-3/16") Nail capacities 100	· · · · · · · · · · · · · · · · · · ·
Length : 10 - 30 mm (13/32" - 1-3/16")  Nail capacities 100	
Nail capacities 100	
	- 30 mm (13/32" - 1-3/16")
Overall length 250 mm (9-7/8")	7/8")
Net weight 1.3kg (2.86 lbs)	lbs)

# AF506

# **Pneumatic Brad Nailer**



# 18 Ga 50 mm (2") Pneumatic Brad Nailer

- Durable and compact design with ease-of-use features
- Narrow nose design allows easy nailing access in confined areas
- "Tool-less" easy to clear nose for fast and easy nail extraction
- Easy to use "tool-less" depth adjustment dial for a wide variety of finish applications
- Built-in air duster provides convenient air flow to clear work surface
- Multi-directional exhaust port rotates 360° to direct exhaust air away from user.
- The cast-and-machined nose piece is engineered for precise contact with the workpiece, with a non-marring rubber nose engineered to protect the work surface.
- Ideal for trim work, baseboard and crown moldVVing installation, flooring and other woodworking applications
- Dual nail reload indicator window alerts the user when to reload nails to avoid blank drives



Capacity	Length: 15 - 50 mm (5/8"- 2")
	Gauge: 18 Ga
Operating Pressure	0.49 - 0.83 MPa (70 - 120 PSI)
Magazine Capacity	100
Dimensions (L x W x H)	250x70x256 mm
Net weight	1.3 kg

Standard Equipment: Oil Supply, Safety Goggles, Nose Adapter, Hook

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

40V MAX | (XS) PT001G

# **Cordless Pin Nailer**



# Quick firing thanks to XGT system and BL motor

- Fires both vertically and horizontally
  High-quality finish nailing.
  Low recoil mechanism enables easier nailing of long pins without pushing down the pin nailer firmly.
- Contact arm mechanism enables continuous nailing and drag nailing
- Contact top designed easy nail placement
- Slim nose with nose adapter

400 Jan 31	X	PT
 1 4 E	10 25	20 2

Standard Equipment: Nose Adapter, Safety Goggles, Belt Clip

AVAILABLE VARIANTS		
2.0Ah	"Z" VARIANT	
PT001G A1 INCLUDES 1 BATTERY / 1 CHARGER / MAKPAC CONNECTOR CASE	PT001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / CARRYING CASE)	

**DPT353** 

# Cordless Pin Nailer





18V | /LXT

# **Low Reaction Force Mechanism Enables Easier Long Pin Nailing and High-Quality Finish**

- Easy-to-see slim nose tip allows quick and easy access to a desired fastening point
- Nails can be fired in the groove of baseboard
- Shoots 6,400 nails on a single full BL1860B charge
- Contact arm mechanism enables "continuous nailing" and "drag nailing"



Capacity	Length: 15, 18, 25, 30, 35 mm
	(5/8", 11/16", 1", 1-3/16", 1-3/8")
	Dia.: 0.6 mm (1/32")
	Gauge: 23 Ga
Magazine Capacity	120
Dimensions (L x W x H)	257x79x226 mm
Net weight	2.3 kg

Standard Equipment: Nose Adapter, Safety Goggles, Belt Clip, Hex Wrench

Standard Equipment: Nose Adapter, Salety doggles, Belt Clip, Hex Wienen	
AVAILABLE VARIANTS	
"Z" VARIANT	
DPT353 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )	

ROUTERS / PLANERS

NAILERS :

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

HAND TOOLS / COMBINATION SET

**DPT351** 

18V | *LXT* 

**Cordless Pin Nailer** 







# "Hose-less" enables to perform efficient operation in interior finish work without being disturbed by air hose.

- Uses pin nails from 18 to 35mm (11/16 to 1-3/8).
- Anti-dry-fire mechanism protects workpiece from damages.
- LED Job light for illuminated operation.
- Double trigger prevents accidental shooting.



Capacity	Length: 18,25,30,35mm
	(11/16,1,1-3/16,1-3/8")
	Diameter : 0.6mm (1/32")
Magazine capacity	130pcs
Dimensions (L x W x H)	249x79x227mm (9-3/4"x3-1/8"x8-15/16")
Net weight	1.8kg (4.0lbs)

Standard Equipment: Safety goggles, Hex wrench

AVAILABLE VARIANTS

"Z" VARIANT

DPT351 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

PT354D

12V MAX | <u>CXT</u>

**Cordless Pin Nailer** 





# **Low Reaction Force Mechanism Enables Easier Long Pin Nailing**

- High-Quality Finish
- Easy-to-see slim nose tip allows quick and easy access to a desired fastening point
- Nails can be fired in the groove of baseboard
- Contact arm mechanism enables "continuous nailing" and "drag nailing"





Capacity	Length: 15, 18, 25, 30, 35 mm
	Dia.: 0.6 mm / Gauge: 23 Ga
Magazine Capacity	120
Dimensions (L x W x H)	231x66x226 mm
Net weight	1.8kg

Standard Equipment: Nose Adapter, Safety Goggles, Belt Clip, Hex Wrench

AVAILABLE VARIANTS

PT354D Z

OES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### **DST112** 18V | /LXT

#### **Cordless Stapler**





## Compact and Lightweight can Operable in either way of "contact actuation" or "single sequential actuation"

- Lightweight for reduced operator fatigue
- Built-in LED job light illuminates the work area
- Contact actuation mode drives staples repetitively for quick operation
- Anti-dry-fire mechanism
- Low reaction force
- Continuous shooting



Staple	Width: 10 mm (3/8")
	Length: 7 - 10 mm (9/32" - 3/8")
	Gauge: 0.5 x 0.7 mm
Magazine Capacity	150pcs (max 160) with BL1830B
Dimensions (L x W x H)	235x79x165 mm
Net weight	1.8 kg

Standard Equipment: Safety Goggles, Hook

	AVAILABLE V	A

DST112 ZJ TOOL ONLY +MAKPAC CASE (DOES NOT INCLUDE BATTERY / CHARGER)

#### **DST221** 18V | /LXT

#### **Cordless Stapler**





## MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

CONCRETE DRILLING / DEMOLITION

DRILLING / FIXING

#### Machined aluminum magazine ensures smooth staple loading and feeding.

- Ergonomically designed rubberized grip provides more control and comfort.
- Driving depth adjustment is provided.
- Remaining staple view window.
- Staple can be fired one after the other.
- Contact arm for bump fire
- 4 stage depth control
- Machined aluminum magazine



Capacity	Width: 10mm (3/8")	
	Length : 10, 13, 16, 19, 22mm	
	(3/8, 1/2, 5/8, 3/4, 7/8")	
Magazine capacity	98pcs : with BL1830B	
Dimensions (L x W x H)	251x91x212mm	
Net weight	2.4kg	

Standard Equipment: Safety google

, cuii a ai a	Equipment	Juicty	goggics	
			****	

#### "Z" VARIANT

#### DST221 Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

SAWING

SANDING / POLISHING

MULTI-TOOL

ROUTERS / PLANERS

#### **ST113D** 12V MAX | CXT

#### **Cordless Stapler**





#### **More Compact and lightweight Stapler**

- Operable in either way of "contact actuation" or "single sequential actuation"
- Contact actuation mode drives staples repetitively for quick operation
- Single sequential actuation mode drives one staple by one sequential operation
- Driving depth adjuster set 197731-1 (optional)



Ct	145 July 40	
Staple	Width: 10 mm	
	Length: 7 - 10 mm	
	Gauge: 0.5 x 0.7 mm	
Magazine Capacity	150 (max 160)	
Dimensions (L x W x H)	211x81x159 mm	
Net weight	1.3 kg	

Standard Equipment: Safety Goggles, Belt Clip

#### "Z" Version ST113D Z

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### AT1025B

#### **Pneumatic Stapler**



#### **Accurate and precise**

- Durable and lightweight die cast housing.
- 360 degrees multi-direction exhaust ports.
- Rubber handle.
- Uses 20 gauge staples from 13/32" to 1" (10 mm to 25 mm), crown size 1/5" (5.1mm).



Operating air pressure	65 PSIG (4.5 kgf / cm² G)
Staple size	Crown: 11.2mm (7/16")
	Width: 1.16mm (0.046")
	Thickness: 0.56mm (0.022")
	Gauge : 20
	Length : 10 - 25 mm (13/32" - 1")
Staple capacities	100
Overall length	250 mm (9-7/8")
Net weight	1.3 kg (2.86 lbs)

Standard Equipment: Oil Supply, Hex Wrench

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

AT1225BZ

#### **Pneumatic Stapler**



#### **Accurate and precise**

- Durable and lightweight die cast housing.
- 360 degrees multi-direction exhaust ports.
- Rubber handle.
- Uses 21 gauge staples from 13/32" to 1" (10 mm to 25 mm), crown size 1/5" (5.1mm).

#### Specifications:-

Crown: 12.95mm (1/2")
Width: 0.95mm (0.037")
Thickness: 0.66 mm (0.026")
Gauge : 21
Length : 10 - 25 mm (13/32" - 1")
100
250mm (9-7/8")
1.3kg (2.86 lbs)

Standard Equipment: Oil Supply, Hex Wrench

#### AT425B

#### **Pneumatic Stapler**



#### **Robust - uses 20 Gauge staples**

- Durable and lightweight die cast housing.
- 360 degree multi-direction exhaust ports.
- Rubber handle.
- Uses 20 gauge staples from 13/32" to 1" (10 mm to 25 mm), crown size 1/5" (5.1mm).



Operating air pressure	65 PSIG (4.5 kgf / cm <sup>2</sup> G)
Staple size	Crown: 5.1mm (0.20")
•	Width: 1.14mm (0.045")
	Thickness: 0.58mm (0.023")
	Gauge: 20
	Length : 10 - 25 mm (13/32" - 1")
Staple capacities	100
Overall length	250 mm (9-7/8")
Net weight	1.3 kg (2.86 lbs)

Standard Equipment: Oil Supply, Hex Wrench

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **AN613**

#### **Pneumatic Coiler Nailer**



#### Pneumatic coil nailer powered by normal pressure air

- Efficient motor and trigger design offers leading fastening performance
- "Tool-less" depth adjustment
- 2-mode selector switch; single sequential mode and contact actuation mode
- Smooth nose tip prevents scratching
- · Multi-directional exhaust port directs exhaust air away from operator
- Reversible belt hook allows the tool to remain close
- Clear loading canister with nail size adjustment allows user to quickly view the nails
- Anti-slip ribs added to the grip rubber provides more control
- Ergonomic rubberized grip for increased comfort on the job
- Built-in air duster provides convenient air flow to clear work materials and tools
- Rubber bumpers protect work surface and tool
- Low noise & Low recoil
- Ideal for installing fiber cement and wood shingle siding, sub-floor framing, exterior nailing, interior nailing, framing



Length: 38 - 65 mm Capacity Gauge: 2.3 - 2.5 mm Nail gauge 70 - 120 psi Operating Pressure 0.49 - 0.83 MPa (70 - 120 PSI) **Magazine Capacity** 200 - 300 Dimensions (L x W x H) 250x70x256 mm Net weight 2.2 kg

Standard Equipment: Safety Goggles, Nose Adapter, Hook, Hex Wrench



### **Staples**

For Model		W X L (mm)	Pcs/Pkg	Part No.
		4 x 10		B-04400
		4 x 13		B-04416
AT42FD		4 x 16	5,000	B-04422
AT425B		4 x 19	3,000	B-04438
		4 x 22		B-04444
		4 x 25		B-04450
		10 x 10		B-04466
		10 x 13		B-04472
AT1025B		10 x 16	5,000	B-04488
		10 x 19		B-04494
		10 x 22		B-04503
	200	10 x 25		B-04519
		12 x 10		B-04525
AT1225BZ	Length	12 x 12		B-04531
	Width	12 x 14		B-04547
	vioui j	12 x 16	5,000	B-04553
		12 x 18		B-04569
		12 x 20		B-04575
		12 x 25		B-04581

For Model		W X L (mm)	Pcs/Pkg	Part No.
		10 x 10		F-32647
	Trakte STEPIE	10 x 13		F-32650
DST221Z	AT HE CASE	10 x 16	5,040	F-32663
	RIION   La.	10 x 19		F-32676
	10.00	10 x 22		F-32689
DCT112 CT112D		7 x 10	25,000	F-81518
DST112, ST113D		10 x 10	15,000	F-81521

### **Driving depth adjustment**

Driving depth is adjustable by installing the optional Adjuster set



For Model	Part No.
DST112, ST113D	197731-1

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

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MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **Brad Nails**

For Model		Length (mm)	Pcs/Pkg	Part No.
	1000000	15		B-04307
AF301, AF506 DFN350,		20		B-04313
FN001G		25	5,000	B-04329
		30		B-04335
AF506, DFN350, FN001G	~	35		B-04357
AF506, FN001G	← Length	40		B-04379 / F-31931
AF506		45		B-04385
711 300		50		B-04391

### **Pin Nails**

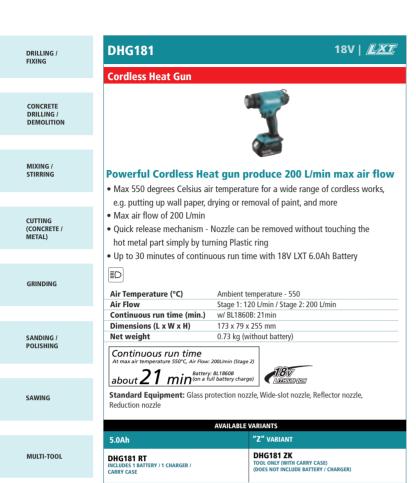
For Model		Length (mm)	Pcs/Pkg	Part No.
AF201Z, DPT351, DPT353, PT354D, PT001G	-	18mm		F-31825
AF201Z, DPT351, DPT353, PT354D, PT001G	* The Assessment of	25mm	40.000	F-31838
DPT351Z, DPT353, PT354D, PT001G		30mm	10,000	F-31841
DPT351Z, DPT353, PT354D, PT001G		35mm		F-31854

### **Coil Nails**

For Model		Dia (mm)	Length (mm)	Pcs/Pkg	Part No.
	Smooth	2.5 mm	45mm	10,800	F-30810
	Screw Chisel	2.5 mm	50mm	10,800	F-30865
	Smooth	2.5 mm	50mm	10,800	F-31243
AN613	Screw Chisel	2.5 mm	57mm	8,100	F-30878
, 11015	Smooth	2.5 mm	57mm	8,100	F-31256
	Smooth	2.5 mm	65mm	8,100	F-30900
	Screw Chisel	2.5 mm	65mm	8,100	F-31269

# **Heat Gun**







ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





#### Heat gun



#### New design with easy-to-operate slide switch

- 1,800W class
- Temperature Settings / Stages: Slide Switch / 2 Stages plus cooling mode
- Airflow setting Slide switch / 3 stages (temperature setting activated)
- Ergonomic soft rubber grip design for comfortable operation
- Various optional nozzles



Continuous rating input 1,800W

Air Temperature (°C) / Flow (L/min) Switch 1:50 / 250

Switch 2: 300 / 250

Switch 3: 600 / 500

Dimensions (L x W x H) 233x80x208 mm

Net weight 0.57 kg

Power supply cord 2.0 m

Standard Equipment: Comes with carry case. (Nozzles does not comes with the tool)

#### HG6531CK



#### Heat gun



#### New design with Preset function and liquid crystal display

- 2,000W class
- Temperature Settings / Adjustment interval : Push button switch / by every 5° C:
- Airflow setting: Push button / 5 stages
- Preset function Depending on intended use, you can recall the saved settings and easily set the temperature and air flow volume.
- The name of each setting is displayed on the LCD screen.
- Various optional nozzles



Continuous rating input	2,000W
Air Temperature (°C)	50 - 650
Air Flow	200 - 550 L/min
Dimensions (L x W x H)	253x85x205 mm
Net weight	0.72 kg
Power supply cord	2.0 m

**Standard Equipment:** Includes various types of nozzles. Comes with carry case.



### **Heat Gun Accessories**

For models: DHG181/ HG6030K / HG6531CK / HG6530V / HG5030

Shape		Part No.
	Glass protection nozzle	PR00000028
	Wide - slot nozzle	PR00000029
3	Reflector nozzle	PR00000030
<b>(B)</b>	Reduction nozzle 20	PR00000031
	Overlap welding nozzle	PR00000032
Spine.	Solder sleeves reflector	PR00000033
4	Welding nozzle	PR00000034
	Speed welding nozzle	PR00000039

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

For models : HG6020 / HG651C/K HG5012/K HG1100 HI500

Stage 2: 280 L/min Stage 3: 550 L/min 253x85x205 mm

0.73 kg

Dimensions (L x W x H) Net weight

Nozzles and carry case does not comes with the tool

Power supply cord

For models: HG6020 / HG651C/K, HG5012/K, HG1100, HL500							
		Part no.	HG6020	HG651C/K	HG5012/K	HG1100	HL500
		53155000 103155000	•			•	•
Reflector Nozzle	<b>41</b>	P-71445		•	•		
		103155100	•			•	
Reduction Nozzle	(1)	P-71439		•			
Welding Nozzle		53155200 103155200				•	
Welding Nozzie		P-71451		•			
Soldering Reflector Nozzle		53155300				•	
Surface Nozzle 75mm		103154900	•			•	•
Wide-slot Nozzle		P-71423		•	•		
Overlap Welding Nozzle		P-71489		•			

Pressure Roller and Plastic welding Rod (Universal)

Shape		Part No.
Pressure Roller	<b></b>	P-71504
Pressure roller		PR00000035

Shape		Part No.
Plastic Welding Rod	PVC Plastic	103154700
	ABS Plastic	103154800

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Laser

Laser Distance Measures, Rotary Laser, Cross line Laser





#### **Rechargeable Green Multi Line Laser**

Large handle prevents the tool from falling

Shock absorbing construction prevents the tool from vibration during transport



USB adapter ADP05 and power supply cable. Power supply cable: 199006-4

Brightness indicator

Bright Normal Eco mode



Line beam Laser line mode selection selection

- Fine adjustment knob fine-adjusted from either side by turning fine-adjustment knob
- Adjustment screw leg Horizontal line can be adjusted at any places

Line beam mode selection

fine-adjusted from either side by

turning fine-adjustment knob

Horizontal line can be adjusted

at any places

Aluminium Storage case



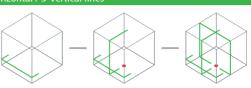
Brightness indicator

Laser line

selection

Normal Eco mode

#### Horizontal / 3-Vertical lines



Leveling accuracy	1mm / 10 m
Self-leveling range	2
Laser fan angle	Horizontal: 110° / Vertical: 130°
Number of laser lines	3
Laser type	Laser class 2: 515 nm
Operating Temperature	-10 - 40°C
Tripod thread	5/8"
Protection class	IP54
Operating Time (Approx. Hours)	10 - 28
Dimensions (L x W x H)	122 x 110 x 225 mm
Net weight	1.6 kg

Standard Equipment: Laser Viewing Glass, Shoulder Strap, Storage Case

AVAILABLE VARIANT

SK312GD Z

Horizontal / 4-Vertical lines

I STORAGE CASE (DOES NOT INCLUDE BATTERY / CHARGER )

12V MAX | *CXT* MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

AVAILABLE VARIANTS

1 mm / 10 m

-10 - 40°C

IP54

1.6 kg

Laser class 2: 515 nm

SK40GD Z

Leveling accuracy Self-leveling range

**Protection class** 

**Operating Temperature** 

**Standard Equipment:** Laser Viewing Glass, Storage Pouch

Laser type

Net weight

GE POUCH (DOES NOT INCLUDE BATTERY / CHARGER )

#### Rechargeable Green Multi Line Laser

Leveling accuracy

SK40GD

±1mm/10m



Stand: minimizes accidental overturning of the tool body



Optional AA battery pack ADP09 Available as an emergency power source when the capacity of CXT battery runs out
Able to supply power directly from the CXT battery port by using ADP09 with 8 nos of AA batteries

12V max Lithium-ion Battery CONCRETE DRILLING / DEMOLITION

DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM SK700GD 12V MAX | *CXT* 

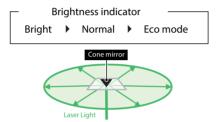
#### Rechargeable Multi Line Laser

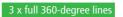




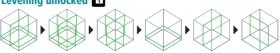
#### Full 360-degree line is created by letting the laser from a light source reflect on a con mirror.

- Rotary base with eccentric rotation mechanism reduces setup time.
- Vertical laser lines can rotate around the defined plumb point up to 10° left and right (with a dial for fine adjustment).
- Eccentric rotation mechanism enables the laser body to rotate without changing the position of the defined plumb point, enabling easy line positioning.





Levelling unlocked



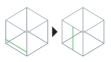
Levelling locked ?

For tilt applications

**GREEN** 

12V MAX | **CXT** 

RED





Measuring range	Up to: 35 m
Measuring range w/ detector	Up to: 70 m
Leveling accuracy	±2 mm / 10 m
Self-leveling range	±4°
Laser type	Laser class 2: 510 - 530 nm
Operating Temperature	-10 - 50°C
Protection class	IP54
Continuous Runtime (Approx. Hours)	14 hours (with 4.0Ah battery)
Dimensions (L x W x H)	w/ BL1041B: 168 x 104 x 153 mm
Net weight	1.2 kg

Standard Equipment: Target Plate, Adapter, Soft Bag

#### AVAILABLE VARIANTS

SK700GD Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

### **Rechargeable Multi Line Laser**

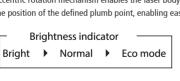
**SK700D** 

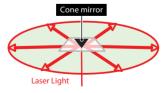




#### Full 360-degree line is created by letting the laser from a light source reflect on a con mirror.

- Rotary base with eccentric rotation mechanism reduces setup time.
- Vertical laser lines can rotate around the defined plumb point up to 10° left and right (with a dial for fine adjustment).
- Eccentric rotation mechanism enables the laser body to rotate without changing the position of the defined plumb point, enabling easy line positioning.



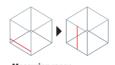


3 x full 360-degree lines Levelling unlocked 🚹



Levelling locked P

For tilt applications





Measuring range	Up to: 35 m
Measuring range w/ detector	Up to: 70 m
Leveling accuracy	±2 mm / 10 m
Self-leveling range	±4°
Laser type	Laser class 2: 510 - 530 nm
Operating Temperature	-10 - 50°C
Protection class	IP54
Continuous Runtime (Approx. Hours)	14 hours (with 4.0Ah battery)
Dimensions (L x W x H)	w/ BL1041B: 168 x 104 x 153 mm
Net weight	1.2 kg

Standard Equipment: Target Plate, Adapter, Soft Bag

SK700D Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### Optional AA battery pack ADP09 (for SK40GD, SK700GD, SK700D)



Available as an emergency power source when the capacity of CXT battery runs out. Able to supply power directly from the CXT battery port by using ADP09 with 8 nos of AA batteries SK106GD 12V MAX | (CXT)

#### **Rechargeable 4-point Cross Line Laser**





**GREEN** 

#### Bright 525nm class II green laser with measuring range upto 35m and with ±3mm / 10m for best-in-class accuracy

- High brightness green laser for increased visibility at bright site
- External Power Supply Jack for LXT Battery Use
- Line visibility range up to 35 m / 80 m (with Receiver)
- Pendulum lock enables slope incline applications for increased versatility; Offers added protection of laser diode during transport and storage

Net weight	0.48kg (without battery)
Dimensions (L x W x H)	138x64x102 mm (with 2.0Ah battery)
Operating Time (Approx. Hours)	7 - 20hrs
Operating temperature	-10 - 50 °C
Laser type	Laser class 2: 525 nm
Number of laser points / Lines	4/2
Laser fan angle	Horizontal: 180° / Vertical: 170°
Self-leveling range	±4°
Leveling accuracy	±3 mm / 10 m
Measuring range w/ detector	Up to: 80 m
Measuring range	Up to: 35 m

Standard Equipment: Soft bag, Adapter, Target Plate

A\/A	ILABLE	WADIA	MTC

#### SK106GD Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### 12V MAX | <u>CXT</u> **SK106D**

#### Rechargeable 4-point Cross Line Laser

RED





#### Bright 635nm class II red laser with measuring range upto 25m and with ±3mm / 10m for best-in-class accuracy

- External Power Supply Jack for LXT Battery Use
- Line visibility range up to 35 m / 80 m (with Receiver)
- Pendulum lock enables slope incline applications for increased versatility; Offers added protection of laser diode during transport and storage

Measuring range	Up to: 25 m	
Measuring range w/ detector	Up to: 80 m	
Leveling accuracy	±3 mm / 10 m	
Self-leveling range	±4°	
Laser fan angle	Horizontal: 180° / Vertical: 170°	
Number of laser points / Lines	4/2	
Laser type	Laser class 2: 635nm	
Operating temperature	-10 - 50 °C	
Operating Time (Approx. Hours)	15 - 40hrs	
Dimensions (L x W x H)	138x64x102 mm (with 2.0Ah battery)	
Net weight	0.48kg (without battery)	

Standard Equipment: Soft bag, Adapter, Target Plate

#### AVAILABLE VARIANTS

#### SK106D Z

DES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

RED

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

12V MAX | *CXT* SK105GD

#### Rechargeable Cross Line Laser







**GRFFN** 

#### Bright 525nm class II green laser with measuring range upto 35m and with ±3mm / 10m for best-in-class accuracy

- High brightness green laser for increased visibility at bright site
- External Power Supply Jack for LXT Battery Use
- Line visibility range up to 35 m / 80 m (with Receiver)
- Pendulum lock enables slope incline applications for increased versatility; Offers added protection of laser diode during transport and storage

Measuring range	Up to: 35 m	
Measuring range w/ detector	Up to: 80 m	
Leveling accuracy	±3 mm / 10 m	
Self-leveling range	±4°	
Laser fan angle	Horizontal: 180° / Vertical: 160°	
Number of laser lines	2	
Laser type	Laser class 2: 525 nm	
Operating temperature	-10 - 50 °C	
Operating Time (Approx. Hours)	pprox. Hours) 7 - 20hrs	
Dimensions (L x W x H)	138x64x102 mm (with 2.0Ah battery)	
Net weight	0.46 kg (without battery)	

Standard Equipment: Soft bag, Adapter, Target Plate

#### AVAILABLE VARIANTS

SK105GD Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

SK105D 12V MAX | CXT

**Rechargeable Cross Line Laser** 





Bright 635nm class II red laser with measuring range upto 25m and with ±3mm / 10m for best-in-class accuracy

- External Power Supply Jack for LXT Battery Use
- Line visibility range up to 35 m / 80 m (with Receiver)
- Pendulum lock enables slope incline applications for increased versatility; Offers added protection of laser diode during transport and storage

Measuring range	Up to: 25 m
Measuring range w/ detector	Up to: 80 m
Leveling accuracy	±3 mm / 10 m
Self-leveling range	±4°
Laser fan angle	Horizontal: 180° / Vertical: 160°
Number of laser lines	2
Laser type	Laser class 2: 635nm
Operating temperature	-10 - 50 °C
Operating Time (Approx. Hours)	15 - 40hrs
Dimensions (L x W x H)	138x64x102 mm (with 2.0Ah battery)
Net weight	0.46 kg (without battery)

Standard Equipment: Soft bag, Adapter, Target Plate

SK105D Z (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GKINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

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TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### Makita LD050P and LD080PI

These compact and handy models are specifically designed for indoor applications. Shortcut keys for addition, subtraction, area and volume calculation make measuring fast and very reliable. The last 5 or 20 measurements are also automatically stored depending on model. The laser dot is clearly visible. You can always see your targeting point, even if the target object is in a hard to access area.



#### **Robust End Piece**

The LD080P and LD080Pl end pieces are strong and rugged, offering excellent support when measuring from corners or edges. Position 1 offers a solid piece to butt up against edges, while position 2 provides ultimate accuracy when measuring from corners.



#### **Swiss Built Optics**

Swiss precision optics and a sturdy titanium inner housing have been used in all models in order to give clear focusing of the laser over long distances, resistance to wear and tear on the building site and temperature change.

### **Explanations**

Typical Measuring Accuracy	/ 2.0m	m	1.5mm
Single Distance	•	80	m •
Max / Min Distance	•		•
Add / Subtract	•		•
Area Calculation	•		•
Volume Calculation	•		•
Tracking Function	•		•
Pythagoras (2 point) - A	•		•
Pythagoras (3 point) - B	•		•
Partial Height - C	50	)m	•
Timer Function			•
Corner Measuring Pin			•
Memory	5		20
Incline Measurement - D			•
Height Tracking			•
Stake Out			•
	LD050P		LD080PI

#### LD050P

#### Laser Distance Measure





#### Compact, handy, and accurate

New angle measuring method

Measuring Range	0.05m-50m		
Power supply	Cell battery : AAA 15V x 2pcs		
Net weight	0.1kg (0.22lbs)		

#### LD080PI

#### Laser Distance Measure





#### Compact, handy, and accurate

- New angle measuring method
- With inclination sensor

Measuring Range	0.05m-80m
Power supply	Cell battery : AAA 15V x 2pcs
Net weight	0.14kg (0.31lbs)

#### LD030P

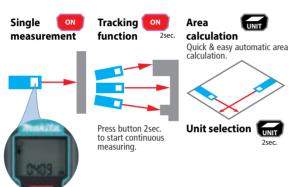
#### **Laser Distance Measure**



#### Compact, handy and specially designed for indoor applications

- Laser dot clearly visible up to 30M
- Functions: Single Measurement
- Tracking function
- Area calculation

#### 3 Mode





Measuring Range	0.2 - 30 m
Storage temperature range	-25 - 70 degrees
Typical measuring tolerance	±2.0mm / 10m
Max measuring tolerance	±3.0mm / 10m
Diameter of laser point	6mm / 10m
Laser type	(Laser class 2) : 635nm
Dimensions	115x53x25mm
(H x D x W)	(4-1/2"x2-1/16"x1")
Net weight	0.09kg

Standard Equipment: AAA 2x1.5V batteries

#### **SKR301**

#### **Rotating Laser Level**





#### Automatic operation in both horizontal and vertical modes

- Superior leveling rage. Choice of beams : spot, chalk line or Plumb line.
- Variable rotation speed.







Measuring range	15m
Measuring range with detector	30m
Rotation Speed	0-535rpm
Leveling accuracy	+ - 10mm / 100m
Leveling range	+ - 80
Power supply	Cell battery : 2pcs
Operating time (approx. hrs)	160

Standard Equipment: Remote control, CB60 Magnetic Target, Laser Intensive Glasses, Rechargeable (Ni-Cd) 2D Alkaline x 2 and Charger

#### SKR200Z

#### **Automatic Self-Leveling Laser Level**



- Automatic operation in both horizontal and vertical modes
   SKR200Z has three rotation speeds, fast electronic self levelling, variable scanning, spot mode, manual slope capabilities and H.I alert system.
- SKR200Z for a wide range of applications ideal for general construction site levelling, plumb and squaring, drywall installation and drop ceilings.

  The SKR200Z is accurate to +-1mm at 10m making it a brilliant investment for
- anyone who is looking for a complete laser solution.



Operating range	Rotating beam (diameter): 200 m
	Plumb beam (up to): 30 m
Rotation Speed (rpm)	0, 300, 450, 600
Leveling accuracy	1 mm / 10 m
Leveling range	6°
Operating Time (Approx. Hours)	60
Power supply	Cell battery: 2 pcs
Net weight	1.6 kg

Standard Equipment: Remote controller, Wall Mount Bracket, Receiver

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

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CLEANING

OPE

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SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **Laser Accessories**

#### **Tripod**

(Aluminium)





Max Height 1.65m		
Туре	Max Height	Part No.
Standard Tripod - Flat head	1.65m	P-81088
Tripod with Elevating Column	2.7m	P-81315
	0.4 - 1.1m	TK0LM2000F
SK312GD, SK700GD, SK700D, SK106D/GD, SK105D/GD	0.6 - 1.8m	TK0LM4001F
	0.7 - 2.9m	TK0LM5030F

Power supply cable Helps to connects the Laser and the adpater ADP05



For Model	Part No.
SK312GD	199006-4
SK106GD, SK106D, SK105GD, SK105D	199178-5

#### Hand strap set



For Model	Part No.
SK312GD	199007-2

#### **Aluminium Scale Rod**



Description	Size	Part No.
Aluminium Rod	4m	P-46414

### **Laser Detectors**



LDX1



LDX3

LDX5



For Model		Detecting distance (feet)	Part No.
SK106D/GD, SK105D/GD, SK700D/GD	LDX1	262f	LE00855702
SK312GD	LDX3	65f	TK0LDG301F
SK40GD, SK312GD	LDX5	65f	TK0LDG501G
SKR301	LD150A		P-67876

#### **Magnetic Target for SKR301**



Туре	Part No.
CB60 Magnetic Target	P-66531

#### ADP09 - Adapter / AA Battery Pack



#### Model ADP09 is an AA battery pack designed to supply power to the CXT Lasers

- Adapts AA Batteries to be used a power source
- Uses 8 x AA Batteries to power compatible 12Vmax CXT lasers SK700GD, SK700D, SK40GD

(ADP09 does not includes AA batteries)

#### Wall mount With fine adjustment







For Model	Туре	Part No.
SK312GD	a	TK000ET03F
SK312GD, SK40GD	a	TK00ET03F1
SK700DGD, SK106D/GD, SK105D/GD	b	LE00870137

# Cleaning

Vacuum Cleaners, Backpack Vacuum Cleaners, Upright Cleaner, Robotic Cleaner, Stick Type Cleaners, High Pressure Washer



## **Growing Concern About Dust Hazards to Health**

Recently more and more people are showing their stronger interest in hazards dusts which may cause the sickness of the nose, throat, lungs and skin. Some fine dust may cause lung cancer once accumulated inside the body.

#### Dust classes in accordance with the EU standard

Since 1997, hazardous dusts have been categolized into 3 (three) classes, namely, Class L, Class M and Class H, which is regulated by IEC69-2-60335 (world wide) and by EN 69-2-60335. The vacuum cleaners suitable for each of dust class have been also defined by these regulations as follows:

Dust class	Requirement	<b>Dust permeability</b> (Permeability of limestone (marble) particles having a diameter of 5 microns or less,
<b>H</b> VC3211H	Air flow sensor Filter protection structure (Note:-Filters should be protected from sharp objects such as nails when they are acidentally sucked up) Structure that requires a tool for filter removal / installation (Filters loaded with dust should not be easily removed.) Structure that protects users from exposure to dust when emptying dust bag (Dust should be prevented from flying around when emptying dust bags or replacing filters)	Less than 0.005%
DVC750L, DVC864L, DVC860, DVC157L, DVC154L, DVC150L, VC3210L,VC2000L, VC003GL, VC004GL, VC005GL, VC007GL	-	Less than 1%

### HEPA filter

"HEPA" is widely recognized as one of famous guidelines of the filtration efficiency.

According to EU standard, the filter of "HEPA" should remove more than %99.75 of airborne particles of 0.3µm in diameter. Thus, it stipulates only a filtration efficiency of the filter itself, while IEC/EN69-2-60335 defines the vacuum machine suitable for each dust class (construction, mechanical strength of machine) as well as its dust permeability.

In this sense, Dust Class H vacuum cleaner does not always have to be equipped with HEPA filter as long as it meets the requirements of IEC/FN69-2-60335.

Another difference between HEPA testing methods and the IEC/EN69-2-60335 is the dust loading. Filter elements for dust classes M and H are to be tested with the limestone dust particles in large quantities for checking the physical strength of filter, while HEPA tests are done with very small liquid droplets.

#### **VACUUM CLEANERS (DRUM TYPE)**

	XII 80V max	40 <del>0,000</del>		I TOTAL TOTA			AC				
	VC007GL	VC004GL	VC003GL	VC005GL	DVC157L DVC154L	DVC150L	DVC864L	DVC860L	VC3211HX1	VC3210LX1	VC2000L
AC/DC	DC	DC	DC	DC	DC	AC + DC	DC	AC + DC	AC	AC	AC
PARALLEL BATTERY		✓	<b>√</b>	<b>√</b>							
BL MOTOR	<b>√</b>	<b>√</b>	<b>✓</b>	<b>√</b>	<b>√</b>		<b>✓</b>				
AUTOMATIC SELF CLEANING SYSTEM	✓	✓			✓		✓		✓	✓	
AUTO START WIRELESS SYSTEM	✓	✓			✓		✓		WUT02*	WUT02*	
DUST CAPACITY (WET & DRY)	40L DRY 30L WET	15L DRY	15L DRY 12L WET	8L DRY	15L DRY	15L DRY 12L WET	8L DRY	8L DRY 6L WET	32L DRY 27L WET	32L DRY 27L WET	20L DRY 13L WET

\*with optional AWS adapter WUT02



FOR USED WITH POWER TOOL TO EXTRACT DUST



**FOR CLEANING** 

### **DRUM TYPE CORDLESS VACUUM CLEANER**

#### **HIGH SUCTION POWER**

Brushless motor provide higher suction power

#### **AUTOMATIC SELF-CLEANING SYSTEM**

When the power is switched on, Prefilter collapses into itself to compress damper and fits closely over damper and powder filter. When the power is switched off, damper expands back to its original size and shakes off dust from prefilter automatically with its expanding power.

#### Efficient three stage HEPA filtration system

Captures 99.97% of particles 0.3 microns and larger



STRUCTURE: VC004GL, DVC157L, DVC154L, DVC184L



STRUCTURE : VC007GL (twin filter)

#### **AUTO START WIRELESS SYSTEM (AWS)**



AWS Dust Extractor connects wirelessly with the power tool and allows the dust extractor to starts automatically when the tool starts. Also dust extractor stops on its own when the tool is in rest

Wireless unit slot allows to insert Bluetooth chip that communicates between tool and dust extractor for on/off function (198900-7)

#### LONGER RUN TIME WITH TWO PARALLEL BATTERY

Runs with two batteries in parallel (Only for models VC005GL, VC004GL, VC003GL)

Vacuum Cleaner adapts two XGT battery that works parallel. Cleaner automatically switches to th second battery when the first battery runs out



Versatile Use: Thanks to 2 different Power Sources provides easy maneuverability anywhere you need cleaning



DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CDINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

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HAND TOOLS /
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TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING /

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GRINDING

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POLISHING

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ROUTERS / PLANERS

NAILERS / STAPLERS

### **XGT VACUUM CLEANERS**

Type

Filter Type

**Max Air Flow** 

Noise (dB)

Tank Capacity (dry / wet)

Max Suction Power

**Max Sealed Suction** 

Dimensions (L x W x H)

Net weight (without battery)

Continuous Use (min.) (aprox.)

### VC007GL

80V(40V+40V) MAX



#### 80Vmax BL XPT/AWS

Wet / Dry (AWS) HEPA + GYUPPA 40L / 30L 25-80 min. (5.0Ah x 2) High: 350W 3.7 m³/min 18 kPa 69 dB(A) 586x385x598 mm 17.6 ka

#### AVAILABLE VARIANT

"Z" VARIANT

#### VC007G LZ

Standard Equipments: Straight pipe, Bend pipe, Hoses 38-2.5m, front cuffs, Corner nozzle, Floor nozzle, Poly Bag Set



#### VC003GL 40V MAX | • X 🗪



#### 40VIII BLXPT

Wet / Dry Cloth Filter 15L / 12L 28-220 min. (5.0Ah x 2 parallel) High: 310W 3.2 m³/min 23 kPa 67 dB(A) 366x334x475 mm 8.9 kg

#### AVAILABLE VARIANT

"Z" VARIANT

#### VC003G LZ

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER) Standard Equipments: Telescopic pipe assembly, Bent Pipe, Hose 32-1.7m, Corner nozzle Floor-Carpet nozzle. Poly Bag Set



### VC004GL

40V MAX | **♠**X<



#### 40V BL XPTAWS

Drv (AWS) HEPA + GYUPPA 15L 28-220 min. (5.0Ah x 2 parallel) High: 205W 1 8 m<sup>3</sup>/min 23 kPa 67dB(A) 366x334x475 mm 9.1 ka

#### AVAILABLE VARIANT

"Z" VARIANI

#### VC004G LZ

Standard Equipments: Straight pipe, Bend pipe, Hoses 38-2.5m, & 28-3.5m. front cuffs. Corner nozzle Floor nozzle, Poly Bag Set



#### VC005GL 40V MAX | **€**X**©**



#### AOVIN BL. XPT

Filter cage + Cloth filter 28-220 min (5.0Ah x 2 parallel) High: 265W 2.8 m³/min 23 kPa 66dB(A) 366x334x397 mm 8.4 kg

#### AVAILABLE VARIANT

"Z" VARIANT

#### VC005G LZ

OOL ONLY DOES NOT INCLUDE BATTERY / CHARGER) Standard Equipments: Telescopic pipe assembly, Bent Pipe, Hose 32-1.7m, Corner nozzle Floor-Carpet nozzle, Poly Bag Set



Suction Power, Air flow, sealed suction are with ø38 x 2.5m hose

## LXT VACUUM CLEANERS (WITH AWS) (recommended for dust collecting with power tools)

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DVC157L 18Vx2 /LX7



AWS

**Tank Capacity** 

Max Air Flow

Noise (dB)

Net weight

**Max Sealed Suction** 

Dimensions (L x W x H)

Continuous Use (min.) (aprox.) **Max Suction Power** 



#### AWS XPT

Dust:15 L With 2 x BL1860B: 40-100 High: 110 - 40 W 2.1 m<sup>3</sup>/min 11 - 5 3 kPa 64-57 dB(A) 366x334x368 mm 8.4 ka

#### AVAILABLE VARIANT

DVC157 LZ

DVC154L 18Vx2



#### AWS XPT

Yes (In-built) Dust : 15 L With 2 x BL1860B: 50-120 High: 90 - 25 W 2.1 m³/min 98-44kPa 65-66 dB(A) 366x334x421 mm 8.6 ka

#### AVAILABLE VARIANT

DVC154 LZ

NOT INCLUDE BATTERY / CHARGER)

#### DVC864L 18Vx2 /LXT



#### AWS XPT

Yes (In-built) Dust: 8 L With 2 x BL1860B: 50-120 High: 90 - 25 W 2.1 m³/min 98-44kPa 65-66 dB(A) 366x334x368 mm 8.4 ka

#### AVAILABLE VARIANT

DVC864 LZ
TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

Standard Equipments: Front Cuffs, 28mm Dia - 3.5m Hose, Hepa Filter Set, Polybag Set. (Specifications are with ø38 x 2.5m hose) (without straight pipe and nozzle ass

### LXT VACUUM CLEANERS (WET/DRY) (AC/DC)

## DVC150L



## DVC860L



MIXING / STIRRING

> CUTTING (CONCRETE / METAL)

CONCRETE DRILLING / DEMOLITION

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALT

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

AND LXT /=**3** → 36v <u>LXT</u> Wet / Dry Wet / Dry Type Filter Type Cloth Filter Cloth Filter **Tank Capacity** 15 / 12 L 8/6L 30-65 min. (with BL1850B x 2) Continuous Use (min.) (aprox.) 30-65 min. (with BL1850B x 2) AC / DC: 320 / 70 W AC / DC: 320 / 70 W Max Suction Power AC / DC: 3.6 / 2.1 m<sup>3</sup>/min AC / DC: 3.6 / 2.1 m<sup>3</sup>/min **Max Air Flow** AC / DC: 24 / 9 kPa AC / DC: 24 / 9 kPa **Max Sealed Suction** AC / DC: 75 / 64 dB(A) AC / DC: 75 / 64 dB(A) Noise (dB) Dimensions (L x W x H) 366x334x421 mm 366x334x368 mm Net weight (without battery) 8.2 kg 7.8 kg

AVAILABLE VARIANT

DVC150 LZ

(DOES NOT INCLUDE BATTERY / CHARGER)

DVC860 LZ

AVAILABLE VARIANT

OOL ONLY DOES NOT INCLUDE BATTERY / CHARGER)

Standard Equipments: Floor Nozzle, Comer Nozzle, Bend pipe, Straight Pipe, 38mm Dia - 2.5m Hose, Cloth Filter, Poly Bag Set (Suction Power, Air flow, sealed suction are with ø38 x 2.5m hose)

#### VC2000L



#### **Vacuum Cleaner (Wet & Dry)**





#### 20 L "Dust Class L" Vacuum Cleaner (Wet & Dry)

- Class L Removes 99.0% of dust with limit value for occupational exposure >1.0mg/m3
- $\bullet$  Suitable for processes involving mica, china clay, gypsum.
- Push & Clean semi-automatic filter cleaning system for extended operating time and filter life
- $\bullet$  Convenient integrated carry handle for easier transportation
- Designed for domestic and commercial vacuum cleaning
- Double Insulation



1,000W
3.6 m³/min
21.0 kPa
Dust : 20L / Water : 13L
72 dB(A)
3.5 m
32mm
390x385x505 mm
7.5kg
5.0m

**Standard Equipment:** Hose, Straight Pipes, Nozzle Assembly

#### WUT02 (part # 199838-9)

#### Auto-Start Wireless Universal Adapter





 WUT02 adapter converts our VC3210LX1 and VC3211HX1 vacuum cleaners compatible with our AWS powered tools by connecting the adapter with on-board AC outlet of the vacuum cleaners



WUT02 - Auto-Start Wireless Adapter connected with AC outlet of the cleaner

Compatible with Makita AC outlet Cleaners VC3210LX1 / VC3211HX1

WUT02 is a universal adapter therefore it also converts some of the other branded AC Cleaners (with on-board AC outlet) compatible with our AWS powered tools



Channel setting button is used to test the successful pairing of the tool and extractor

Caution Lamp lights up red if adapter is overheating or other malfunction occurs
Wireless unit slot



Wireless unit Part#: 198900-7 (optional)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### VC3211HX1



#### Vacuum Cleaner (Wet & Dry)



#### 32 L "Dust Class H" GYUPPA Vacuum Cleaner (Wet & Dry)

- High maneuverability and easy mobility thanks to 32 Liter compact stainless steel tank
- Best suitable for working with power tools

## **Automatic Self-cleaning Filtration System achieved by two filter units**

Constantly high suction power throughout operation because dust is removed from Prefilters every 10 seconds during operation.



Left filter unit starts self-cleaning by shaking off dust while right filter continues suctioning

Immediately after, right filter starts self-cleaning as well while left one re-starts suctioning once more.

### Specifications:- Training Training

Continuous rating input	1,050W
Max peak air flow	2.0 m <sup>3</sup> / min
Max Sealed Suction (water column)	22.0 kPa
Tank capacity	Dust: 32 L
	Water: 27 L
Dimensions (L x W x H)	552x398x685 mm
Net weight	16.9 kg
Power supply cord	5.0 m

**Standard Equipment:** Hose, Front Cuffs (38 ,24 ,22), Belt Hook, Hose Band, Cap, Poly bag set

#### VC3210LX1



#### Vacuum Cleaner (Wet & Dry)



#### 32 L "Dust Class L" GYUPPA Vacuum Cleaner (Wet & Dry)

- High maneuverability and easy mobility thanks to 32 Liter compact stainless steel tank
- Best suitable for working with power tools

## Automatic self-cleaning filter obtained by Triple filter structure composed of:

Powder filter + Damper + Prefilter

Constantly high suction power

Easy filter cleaning simply by tapping dust off of Prefilter Quiet cleaning because Damper and Prefilter make no noise



#### Allows for:

Constantly high suction power
Easy filter cleaning simply by tapping dust off of Prefilter
Quiet cleaning because Damper and Prefilter make no noise

Specifications:-
------------------

Continuous rating Input	1,050W
Max. peak air flow	2.0m³ / min
Max. sealed suction (water column)	22.0kPa
Tank capacity	Dust: 32L
	Water : 27L
Overall height	552x398x685mm
Net weight	14.5kg
Power supply cord	5.0m

**Standard Equipment:** Hose, Front Cuffs (38 ,24 ,22), Holder 33-10, Bending pipe, Straight pipe, Nozzle assembly, Poly bag set

### **XGT BACKPACK VACUUM CLEANERS**

Combination of XGT battery and brushless motor provide higher suction power

## Efficient two stage HEPA filtration system

Captures 99.97% of particulates, 0.3 microns and larger

Improved switch that allows you to check the remaining battery capacity and the operating mode



Dust extractor connects the power tool via bluetooth for efficient cleaning (only for VC009G)

MIXING / STIRRING

CONCRETE DRILLING / DEMOLITION

DRILLING / FIXING

CUTTING (CONCRETE / METAL)

CRINIDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS /

HEAT GUN /

CLEANING

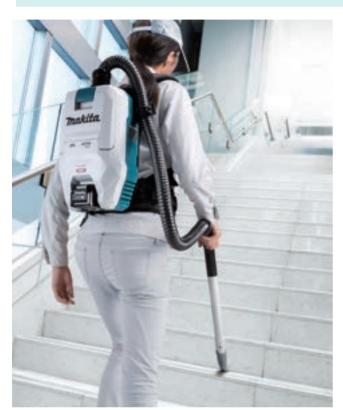
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JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





VC009G 40V MAX | **COD** 

#### Cordless Backpack Vacuum Cleaner (AWS)

Recommended for dust collecting with power tools





#### Combination of XGT battery and brushless motor provide higher suction power but with quiet opeartion

- Auto-Start Wireless System (AWS) connects to AWS-enabled tools via Bluetooth
- HEPA filter to effectively capture very fine particles
- It has an improved switch that allows you to check the remaining battery capacity and the operating mode.
- 3 suction power modes with mode memory function

### 3 1 N AQVINAX BL. HEPA

Capacity	Cloth Dust Bag: 2 / 1.5 L
Max Air Flow	1.9 m³/min
Max Sealed Suction	18 kPa
Suction Power	with hose 28-1.5, Max / High / Normal
	: 165 / 85 / 45W
Dimensions (L x W x H)	233 x 151 x 376 mm
Net weight	3.6 kg (without battery)

**Standard Equipment:** Hose, Hose Band, Dust Bag, Front Cuff (without straight pipe and nozzle assembly)

AVAILABLE VARIANTS
"Z" VARIANT
VC009G
TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER / BLUWTOOTH CHIP / CARRYING CASE)

# Combination of XGT battery and brushless motor provide

40V MAX | **₹**₹

### Combination of XGT battery and brushless motor provide higher suction power but with quiet opeartion

• HEPA filter to effectively capture very fine particles

**Cordless Backpack Vacuum Cleane** 

- It has an improved switch that allows you to check the remaining battery capacity and the operating mode. Built-in LED work light illuminates the work area
- With 4 different suction modes.

Dimensions (L x W x H) Net weight

**VC008G** 

Low noise mode allows for use in noise-sensitive environments such as office, hospital and more

THE STATE OF THE S	MOTOR filter	
Capacity	Cloth Dust Bag: 2 / 1.5 L	
Max Air Flow	2.4 m³/min	
Max Sealed Suction	18 kPa	
Suction Power	with hose 32-1.0 (Max): 180 W	
Dimensions (L x W x H)	233 x 151 x 376 mm	

**Standard Equipment:** Floor Nozzle, Hose, Hose Band, Telescopic pipe assembly, Bent Pipe, Switching nozzle Dust Bao

3.6 kg (without battery)

	AVAILABLE VARIANTS	
"Z" VARIANT		
VC008G		
TOOL ONLY		
(DOES NOT INCLUDE BATTERY / CHARGER / C	(RRYING CASE)	

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **LXT BACKPACK VACUUM CLEANERS**

**Higher suction** power with brushless motor Efficient two stage HEPA filtration system side-loading batteries for added

Captures 99.97% of particulates, 0.3 microns and larger

Easily accessible convenience (DVC660/ DVC665) Cleaning mechanism with paper dust bag (for DVC660)

Dust that tending to clog filters actuated automatically due to vibration or pulling down the lever | cleaning (DVC665 / DVC265)



Dust extractor connects the nower tool via bluetooth for efficient

#### **DVC665**

18Vx2

#### **Cordless Backpack Vacuum Cleaner (AWS)**

Recommended for dust collecting with power tools





Paper dust b/ag: 6.0 L / Cloth dust bag: 5.5 L
High / Normal: 40 / 75 (with BL1860B x2)
1.8 m³/min (28mm-1.5m Hose)
11 kPa
High / Normal: 85 / 45 W (28mm-1.5m Hose)
Operation w/o Load: 2.5 m/s² or less
High: 66 / Normal: 62dB(A)
297x174x523 mm
6.7 kg

Standard Equipment: 28mm dia 1.5m hose, front cuff 22,38, Rubber joint 24, Paper bag (without straight pipe and nozzle assembly)

#### AVAILABLE VARIANTS

#### "Z" VARIANT DVC665 Z

**DVC660** 

TOOL ONLY (WITH BLUETOOTH CHIP)
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

#### **DVC265**

18Vx2 /LXT

18Vx2 /LXT

#### **Cordless Backpack Vacuum Cleaner (AWS)**

Recommended for dust collecting with power tools





#### 2 2 Miles Marines Mari

Capacity	Paper Dust Bag: 2.0 L / Cloth Dust Bag: 1.5 L
Continuous Use (min.)	High: 40 / Low: 75 (with BL1860B)
Max Air Flow	1.8 m³/min (28mm-1.5m Hose)
Max Sealed Suction	11 kPa
Suction Power	High / Normal: 85 / 45 W (28mm-1.5m Hose)
Vibration Level	Operation without Load: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	High: 69 / Normal: 65dB(A)
Dimensions (L x W x H)	230x152x373 mm
Net weight	4.5 kg
Standard Equipment: 28m (without straight pipe and nozi	m dia 1.5m hose, front cuff 22 ,38, Rubber joint 24, Paper bag zle assembly)

AVAILABLE VARIANTS

#### "Z" VARIANT

#### DVC265 ZXU

TOOL ONLY (WITH BLUETOOTH CHIP)
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

**Cordless Backpack Vacuum Cleaner** 



Capacity	Paper Dust Bag: 2.0 L / Cloth Dust Bag: 1.5 L
Continuous Use (min.)	Max: 40 / High: 75 / Normal: 140 (with BL1860Bx 2 )
Max Air Flow	2.0 m³/min (28mm-1m Hose)
Max Sealed Suction	11 kPa
Suction Power	Max / High / Normal : 90 / 45 / 25 W (28mm-1m Hose)
Vibration Level	Operation w/o Load: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	Max: 69 / High: 65 / Normal: 62 dB(A)
Dimensions (L x W x H)	230x152x373 mm

**Standard Equipment:** 28mm dia 1m hose, Floor Nozzle, Hose, Hose Band, Nozzle assembly, Telescopic pipe assembly, Bent Pipe, Flexible Nozzle, Dust Bag

#### AVAILABLE VARIANTS

"7" VARIANT

Net weight

#### DVC261 ZX11

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

18Vx2 /LXT **DVC261** 

**Cordless Backpack Vacuum Cleaner** 



### 3 3 IN ED LUCIONARIO BL HEPA

Capacity	Paper dust bag: 6.0 L / Cloth dust bag: 5.5 L
Continuous Use (min.)	Max: 40 / High:75 / Normal: 140 (with BL1860B x2)
Max Air Flow	2.2 m³/min (32mm-1m Hose)
Max Sealed Suction	11 kPa
Max Suction Power	Max / High / Normal: 95 / 50 / 25 W (32mm-1m Hose)
Vibration Level	Operation w/o Load: 2.5 m/s <sup>2</sup> or less
Sound Pressure Level	Max: 66 / High: 62 / Normal: 58 dB(A)
Dimensions (L x W x H)	297x174x523 mm
Net weight	6.7 kg

**Standard Equipment:** 32mm dia 1m hose, Floor Nozzle, Hose, Hose Band, Nozzle assembly, Telescopic pipe assembly, Bent Pipe, Seat nozzle, Round Brush, Flexible Nozzle, Dust Bag.

#### AVAILABLE VARIANTS

"Z" VARIANT

DVC660 ZX8

ONLY 5 NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

**DVC560** 18Vx2

#### **Cordless Upright Vacuum Cleaner**



**Cordless Upright Vacuum to provide both a rotating power** brush for deep carpet cleaning & a detachable hand-wand for cleaning with the onboard accessori

- 3 Stage power selection for optimum suction performance
- Low profile design allows access to more areas
- Compact and lightweight





5.0L Capacity disposable bags with high-grade filtration and a HEPA filter that captures up 99.97% of particles at 0.3 micron HEPA Filter (191E39-5)





5.0L
12.0kPa
1.9m³/min
318mm
30L/sec
H: 30 / N: 60 / L: 120 mins
1,146 mm
9.0 kg

5.0Ah	"Z" VARIANT
DVC560 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER	DVC560 Z TOOL ONLY (WITH CARRY CASE) (DOES NOT INCLUDE BATTERY / CHARGER)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

**DCL501** 

18V | /L/X75

(191Y86-6)

#### **Cordless Cyclone Cleaner**



1. Orange LED indicator for fillter cleaning warning

Telescopic pipe

to suit users height.

**Warning lights** 

2. Red LED indicator for battery capacity warning

#### **HEPA** filter with high filtration capacity.

#### **Advanced Filtration system with** cyclone separation

Cleaner has the advanced Cyclonic filtration system with HEPA filter collects large and small dust particles efficiently



#### Easy dust disposal



- Dust cup can be removed for easy dust disposal simply by pulling up the cup release lever then by pushing the release button
- The dust cup and the fillter are washable in water



Capacity	250 mL
Continuous Use (min.)	High: 35 / Low: 77 (with BL1860B)
Max Air Flow	1.2 m³/min
Max Sealed Suction	10 kPa
Dimensions (L x W x H)	352x189x252 mm
Net weight	3.1 kg

Standard Equipment: Shoulder Belt, Crevice Nozzle, Cleaning Brush, Floor Nozzle, Telescopic Pipe, Hose, Hose Hook

|--|

DCL501 Z

OL ONLY DES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

OPE

JOBSITI TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DRC300** 18V | **LXT** 

#### Cordless Robotic Cleaner with mapping function





Compatible with Smartphone app (Makita RoboPro DRC300)

#### Robotic cleaner for commercial/industrial use

- Clean an area of 600m² per 240min, (coverage rate of 95%) (2 x BL1860B in parllel)

Two navigation options; "Mapping Pattern Navigation" for more efficient cleaning in less than half the time and "Free mode" for immediate cleaning without room registry



#### Obstacle detection with six ultrasonic sensors, one bumper sensor, and one LiDAR sensor (2D)

- LiDAR sensor and front camera sensor help to map and save up to 5 rooms over 100,000sqft
- Automatic Homing Function enables the vacuum to return to its original cleaning position once cleaning is completed or the battery charge is low

#### **Excellent cleaning features useful in commercial applications**



#### Large side brushes + Large power brush



Side brushes enable to clean alongside walls, around obstacles or tight corners in either of pattern/ random Side Brush Part no: 191P28-6

ø50mm x 260mm Large Power rotating brush

- A: Main brush complete setPart no: 191P22
- B: Main brush complete set Part no: 191P20 C: Bottom plate assembly set 191P24-4



#### **Dust box with 3L capacity**

Dual compartment structure - one for small debris, the other for large debris and Equipped with a highly efficient filter Part no: 191P31-7

#### Cleaning prohibited areas with

Magnet tape. This tape laid on the floor prevents the cleaner from entering in cleaning prohibited areas part # 191P18-9



#### Sponge sheet for bumper to protect the surrounding objects from damage part # 191X35-7





w/ BL1860B x2: 240
w/ BL1860B x2: 600 m <sup>2</sup>
10,000 m <sup>2</sup>
Main brush: 1,600 RPM / Side brush: 200 RPM
0.3 m/sec
3.0 L
500 x 500 x 204 mm
10.6 kg

Standard Equipment: Wireless remote controller (including two AAA alkaline batteries), Side brush, (Battery and charger sold separately)

#### AVAILABLE VARIANTS

DRC300 Z

OL ONLY DES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

#### **DRC200** 18V | /LX7

#### **Cordless Robotic Cleaner**



#### Robotic cleaner for commercial/industrial use

- Clean an area of 600m² per 240min, (coverage rate of 80%) (2 x BL1860B in parllel)
- · Wireless remote controller

#### Automatic cleaning (Pattern and Random mode)





### Cleaning area setting function







Boundary line tape Part no: \$H00000231

Enables user to define a cleaning area by putting boundary tape on the floor as boundary line that the cleaner cannot pass

#### Excellent cleaning features useful in commercial applications









#### Large side brushes + Large power brush



Side brushes enable to clean alongside walls, around obstacles or tight corners in either of pattern/ random



Side Brush Part no: SH00000065

ø50mm x 260mm Large Power rotating brush

Power Brush Part no: SH00000063 Turn Brush Cover Part no: SH00000064



#### **Dust box with 2.5L capacity**

Dual compartment structure - one for small debris, the other for large debris and Equipped with a highly efficient filter Part no: SH00000213



Continuous use (minutes)	w/ BL1850B x2: 200   w/ BL1830B x2: 120
Max cleaning area	w/ BL1850B x2: 500 m <sup>2</sup>   w/ BL1830B x2: 300 m <sup>2</sup>
Max running speed	0.3 m/sec
Tank	2.5 L
Dimensions (L x W x H)	460 x 460 x 180 mm
Net weight	7.8 kg

Standard Equipment: Wireless remote controller (including two AAA alkaline batteries), Side brush, (Battery and charger sold separately)

ILABLE VARIA	

"Z" VARIANT

DRC200 7

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

PLANERS

DVC750L 18V | <u>LXT</u>

#### **Cordless Vacuum Cleaner / Dust Extractor / Blower**



#### Compact, portable and easy-to-use

#### 3 in ONE tools (Cleaning / Dust Extraction / Blowing)

High power and long run time with Brushless Motor

#### Nozzle can be stored





Blower outlet Insert the hose to blower outlet and turn it clockwise until it clicks.



Capacity	Dust : 7.5 L / Water : 4.5L			
Continuous Use (min.)	w/ BL1860B (High) : 35 / w/ BL1860B (Low) : 70			
Max Air Flow	1.6 m³/min			
Max Sealed Suction	6.7 kPa			
Suction Power	High / Low : 50 / 25 W			
Dimensions (L x W x H)	418x251x278 mm			
Net weight	4.6 ka			

Standard Equipment: Hose, Floor Nozzle, Sash Nozzle, Shoulder belt 199486-4 (optional)

		1/4 D		
AWAII	LABLE	VAR	IAN	15

"Z" VARIANT

#### DVC750L ZX1

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

DVC350 18V | **LXT** 

#### 18V LXT - Lithium-ion Cordless Dust Extractor / Blower



### Portable Dust extractor powered by 18V Li-ion battery. Convenient for use with Makita cordless tools

- Variable switch provides High/Low air volume settings to suit your application.
- Shoulder belt can be easily slung over your shoulder for added mobility.

**2 functions in 1 machine** Convertible into a blower by attaching nozzle assembly.







Max. peak air flow	3.4m3 / min
Max. sealed suction (water colum)	5.5kpa
Recoverable capacity	3.0L
Dimensions (L x W x H)	273 x 195 x 226mm
Net weight	2.2kg

**Standard Equipment:** Nozzle Assembly, Dust Bag Assembly, Hose Complete with front cuffs, Shoulder Belt

Compact cordless cleaner Powered by 12V Li-ion LXT battery

• Ideal for in-car cleaning • Variable attachments suitable for in-car cleaning

• Battery capacity warning lamp starts blinking when the remaining battery

Standard Equipment: Seat vacuum nozzle, Mat nozzle, Rubber nozzle, Soft brush,

AVAILABLE VARIANTS

• 2 functions in 1 machine convertible into a blower

AVAILABLE VARIANTS

"Z" VARIANT

**CL121D** 

capacity gets low

Continuous Use(min.)

Dimensions (L x W x H)

Max Sealed Suction (water column)

Blower attachment, Dust Bag, Shoulder Belt

CL121D SM INCLUDES 1 BATTERY / 1 CHARGER AND TOOL BAG

3 (12V max string) Capacity

Max Air Flow/

Noise Level

Net weight

4.0Ah

#### DVC350 Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

**Cordless Car Cleaner / Blower** 

NAILERS / STAPLERS

12V MAX | CXT

Dust Bag: 500 mL / Paper Pack: 330 mL

Max: 30 W / High: 20 W / Normal: 5 W

Max : 27 / High : 32 / Normal : 67

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER ANDS TOOL BAG

1.3 m<sup>3</sup>/min

1.8 kg

"Z" VARIANT

CL121D Z

4.4 kPa (450 mmH<sub>2</sub>O)

345x138x202 mm

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALT

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

DCL184 18V | <u>LXT</u>

#### **Cordless Car Cleaner / Blower**



#### **Compact cordless cleaner Powered by 18V Li-ion LXT battery**

- Ideal for in-car cleaning Variable attachments suitable for in-car cleaning
- 2 functions in 1 machine convertible into a blower
- Battery capacity warning lamp starts blinking when the remaining battery capacity gets low



Capacity	Cloth / Paper Dust Bag: 500 / 330 mL
Continuous Use(min.)	Max / High / Normal: 33 / 50 / 133
Max Air Flow/	Cleaning: 1.4 m³/mi / Blowing: 0.8 m³/min
Max Air Velocity	Blowing: 7.2 m/s
Max Sealed Suction (water column)	5.4 kPa
Noise Level	Max / High / Normal: 68 / 65 / 58 dB(A)
Dimensions (L x W x H)	365x138x202 mm
Net weight	2.2 kg

**Standard Equipment:** Seat vacuum nozzle, Mat nozzle, Rubber nozzle, Soft brush, Blower attachment, Dust Bag, Shoulder Belt

AVAILABLE VARIANTS					
3.0Ah	"Z" VARIANT				
DCL184 RF INCLUDES 1 BATTERY / 1 CHARGER AND TOOL BAG	DCL184 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER ANDS TOOL BAG)				

CONCRETE DRILLING / DEMOLITION

### **Cordless Stick Type Cleaners**





High Power /

Compact /







MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

> SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



#### **Brushless Motor**

Provides High Power | High Performance | High Durability (for CL001G | CL002G CL003G | DCL281, DCL280)

**HEPA Filter** provides high filtration rate of 99.97%

(Standard with CL001G and DCL281, DCL280 optional for other stick cleaners)

# Push Button with speed selection and on/off function

with 3-speed power selection (for DCL281| CL108FD) with 4-speed power selection (for CL001G | CL002G | CL003G)

### **LED** joblight

With battery exhaust notification (Flashes when the battery capacity becomes low) (Except for DCL180 and CL183D)

### Pipe lock system

Pipe is fixed with the locking mechanism to prevent it from accidentally coming off (for DCL281 | DCL280 | CL001G | CL002G | CL003G)

#### **DUST COLLECTION**

### **Capsule type**

Quick dust disposal, no need to use dust bag



For models: CL001G, DCL281, DCL280, DCL180, CL108FD, CL106FD, CL183D

### **Dust bag**

Can be used with paper dust bag or cloth dust bag



For model: CL002G

### **Cyclone type**

Easy disposal of the fine dust



Maintain the high performance (suction power) even if the filter is clogged

For model: CL003G

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING /

CUTTING

(CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

PLANERS

NAILERS /

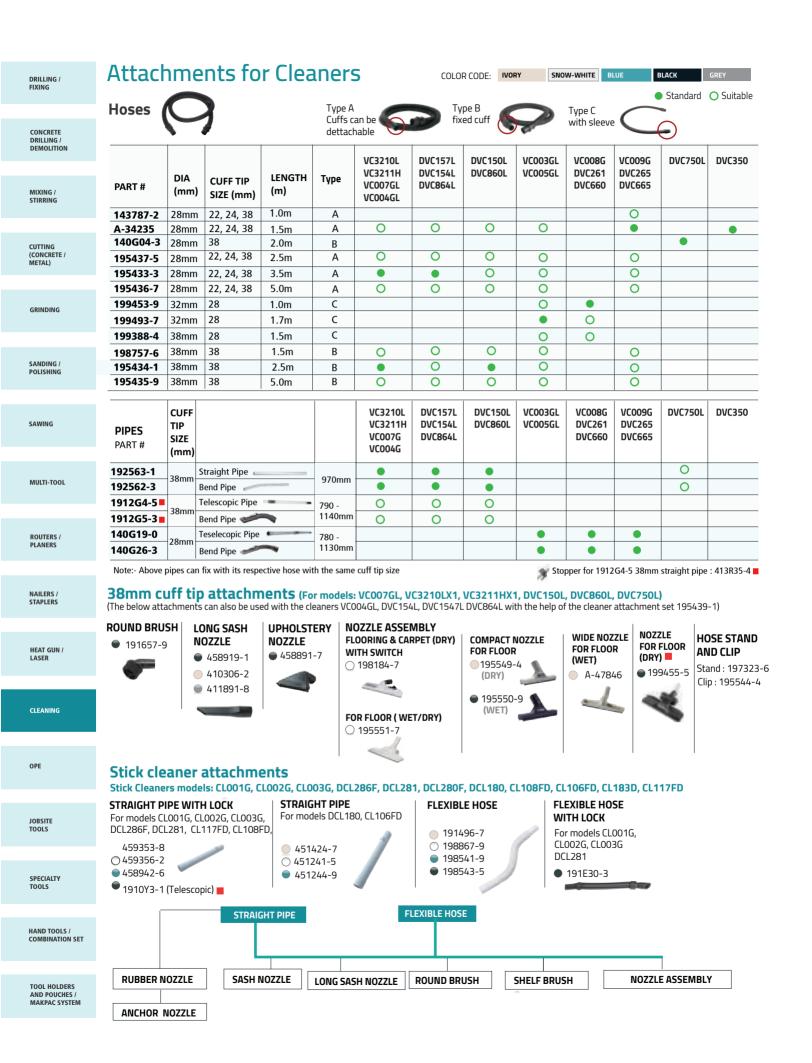
STAPLERS

HEAT GUN /









#### 28mm cuff tip attachments and Stick Cleaners:

28mm cuff tip attachment models: VC003GL, VC005GL, VC008G, DVC660, DVC261

CL001G, CL002G, CL003G, DCL286F, DCL281, DCL280F, DCL180, CL108FD, CL106FD, CL183D, CL117FD

198549-3

**198555-8** 

(The below attachments can also be used with the cleaner DVC750L with the help of the joint 418500-0)







**198534-6** 

**198540-1** 

For rug / carpet

198150-4





192236-6 Rubber nozzle is additionally required



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

#### NO771 F ASSEMBLY



Tubular Prefilter—

sponge filter \_









Stand

(For stick cleaners)



Seat nozzle



Wall Bracket

(For stick cleaners)

O 199971-7

Flat type



Hard floor



Carpet

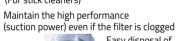
SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

#### **Compact Cyclone Unit** (For stick cleaners)







Compact cylone unit comes as a standard with the cleaner CL003G, DCL286F

Cylone unit also recommended to use with models: CL001G, DCL281F, DCL180



O 1910D3-4





Accepts all 18V LXT / XGT Stick Cleaners

### Cyclone Unit

(For stick cleaners/ backpack Cleaners)

Cyclonic Vacuum Attachment is designed to expand the capacity to collect debris.

- Powerful cyclonic action captures up to 90% of dust particles before entering the main dust box
- Reduces the frequency of emptying the main dust box
- One-touch release for easy disposal of debris



Part # 191D71-3 With lock system (for stick type cleaners & Backpack cleaners with lock system)



#### Part # 199491-1 Without lock system (for stick type cleaners Backpack cleaners without lock system)

## Battery Adapter - BAP18C

Specially designed for use with 18V LXT cordless cleaners Transfers the battery weight from the cleaner to user's waist to reduce the stress on hand

○ 191M50-5



HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS MAKPAC SYSTEM

### Attachments for Car Cleaners

For models: DCL184, CL121D

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING









SEAT NOZZLE
For automobile

○ 199037-3

○ 199040-4

○ 199039-9



UPHOLSTERY NOZZLE ● 140H95-0

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

MULTI-TOO

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## Attachments for Cyclone Cleaner

For model: DCL501









#### For Model VC0002L

STRAIGHT PIPE

● P-72942







**HOSE**P-8173932mm dia | 3.5m length

### **Cleaning set**

195439-1

Straight pipe, Bend pipe, Nozzle assembly, Corner nozzle, 38mm Hose - 2.5m with cuff 38mm For model VC007GL, VC004GL, VC005GL, VC003GL, DVC154L, DVC157L, DVC150L, DVC864L, DVC860L, VC3210LX1, VC3211HX1



#### **BACKPACK HARNESS**

Padded shoulder straps distribute weight evenly for improved comfort

Easily adjustable belt and straps for improved balance and control

Accessory holders on each side of the harness for added convenience

For Models: - VC008G & VC009G

PART #: 191Y14-1



#### **PROTECTION COVER**

The padded protection cover is designed to protect backpack cleaners from knocks and bumps when vacuuming in tight spaces. Made from tear-resistant and water-repellent material. For Models: - DVC265, DVC261





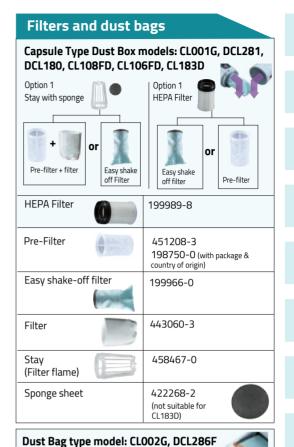




**PART #:** 191054-7







Cloth dust bag	198747-9
Paper dust bag 5pcs set	194566-1
Easy shake off bag	198748-7
High performance dust bag set	1910M4-5
Valve stay complete	143677-9
Guard	413J77-0

Cyclone unit type model: CL003G, DCL286F					
Filter set <b>HEPA</b> filter	1910C9-5				
High performance filter set	1910C7-9				

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

		DVC150L DVC860L	DVC154L DVC157L DVC864L	VC003GL VC004GL VC005GL	VC007GL	VC3211H	VC3210L	DVC750L	VC20
		2							0
	Powder Filter Set (Dry use only) *HEPA filter	*197166-6	*197166-6	*191V70-3	*1911B7-8	196251-2	195441-4	*162518-0	
Used as a set	Pre-filter set	195553-3	195553-3	191V68-0	■1911B5-2	196253-8	195612-3	162635-6	
	Damper set	195552-5	195552-5	191V69-8	■1911B4-4	196254-6	195552-5	422449-8	
CI	oth filter	140248-3		144625-1 191V71-1 for VC005GL					
	ater filter Vet only)	195555-9		191V67-2	1910NO-0		195611-5	191M39-3	
	lter bag set or dry dust)	195557-5 15L / 5PCS (DVC15OL) 1912R3-4 10L / 5PCS (DVC86OL)	195557-5 15L / 5PCS (DVC154L / 157L) 1912R3-4 10L / 5PCS (DVC864L)	195557-5 15L / 5PCS (VC003GL, 4GL)  1912R3-4 10L / 5PCS (VC005GL)	1910Y4-9 35L/5PCS	195558-3 25L / SPCS	195558-3 25L/5PCS		
(Fo	APER FILTER or dry dust cept owder)	A-48430 5PCS	A-48430 5PCS						
Pc	oly bag set	195432-5 10PCS	195432-5 10PCS	195432-5 10PCS	1910R3-2 10PCS	195440-6 10PCS	195440-6 10PCS		
Di	sposable bag								P-7029 5PCS
Fi	lter bag								P-7289 5PCS

HAND TOOLS / COMBINATION SET

### 406, 407, 440 - Vacuum Cleaner Hoses











■ Standard equipment

For Vacuum Model	Type	Vacuum Fitting		Attachment Fitting		111	Part No.
FOI VACUUIII MOUEI	Type	Inner dia (mm)	Outer dia (mm)	Inner dia (mm)	Outer dia (mm)	Hose length	
406, 407	a	<u>+</u> 44	± 48	± 38	± 44	2.5 m	■193326-8
406, 407	a	± 44	± 48	± 38	<u>+</u> 44	5.0 m	193328-4
440	b	± 54	± 60	± 38	<del>+</del> 44	2.0 m	■ 01316B0N for vacuum attachment

A 1 1111	Туре	Tool Fitting		Hose to Ho	se Fitting	Hose length	Dt N-	
Additional Hoses		Inner dia (mm)	Outer dia (mm)	Inner dia (mm)	Outer dia (mm)	Meter	Part No.	
Extremely flexible for connecting to small tools	d	<u>+</u> 19	<u>+</u> 25	<u>+</u> 32	<u>+</u> 38	2.5 m	192108-5	

Attaches directly to 407/440 38mm standard equipment hoses

### 406, 407, 440 - Vacuum Cleaner Nozzles, Pipes and Filters

For Model	Туре		Part No.
	_		
406, 407		Standard Equipment	122512-4
406, 407		Compact type (wet)	122335-0
4072D	Nozzle assembly	Floor Nozzle	122520-5
440		Enables liftig of liquids (for carpets)	60278B0N
440		Straight Pipe	60277B0N
440		Triangular Head Nozzle	50091B0N
440	Pipe / Nozzle	Crevice Nozzle (size 45mm)	50089B0N
440		Multi Use brush (for Hard floors, concrete, tiles, carpets)	50080B0N
406, 407	Filter	Nylon Filter Set	192605-1
440		Sponge Filter (for wet applications)	83035BHB
440		Powder Filter (Dry type)	83203BJA

### WUT02 - AWS Adapter for AC Cleaners

- Enables wireless On/Off communication of Makita AWS capable tools with AC Dust Extractors that include a tool-activated power outlet
- Allows communication between battery operated tools and extractor to eliminate cords, increase productivity, and reduce noise

• Includes an adaptable hanging hook and strap for easy attachment to multiple extractors





Channel setting button is used to test the successful pairing of the tool and extractor

Caution Lamp lights up red if adapter is overheating or other malfunction occurs







DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALT

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### **System Chart - Dust Collecting with Power Tools**



W/ Ø28mm Hose W/ Ø38mm Hose

VC3211H VC3210L VC004GL VCOO4GL VCOO7GL (comes with Ø38mm Hose only)



W/ Ø28mm Hose DVC157L DVC154L DVC864L



W/ Ø38mm Hose with fixed cuff 38 DVC150L DVC860L

**Use Optional Hose** VC003GL VC005GL



W/ Ø28mm Hose VC009G DVC665 DVC265



W/ Ø28mm Hose DVC350





W/ Ø38mm Hose fixed cuff 38 DVC750L



195545-2

Thread type: Fit with Thread type: Fit with 28mm 28mm Hose Hose

22

Dia 22mm

195547-8

Rubber Type can fix with 38 & 22mm cuffs Part No Part No Part No

195546-0

24

Dia 24mm

22-38 Dia 22mm Fit with front cuff 38

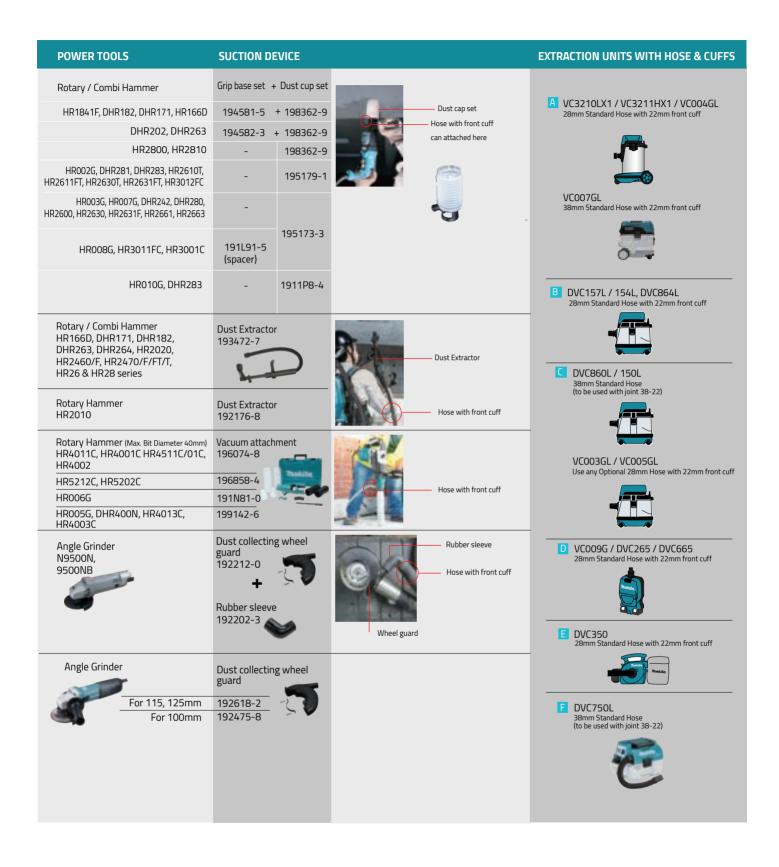
Part No 195548-6

Hose Type a: Removable: front cuff can be removed and interchangeable with 22 and 38 front cuffs Type b: Front cuff is fixed with hose and cannot be removed  Type b: Front cuff is fixed with hose and cannot be removed  Type a: Type A Cuffs can be dettachable											
PART#	DIA (mm)	CUFF TIP SIZE (mm)	LENGTH (m)	TYPE	VC3210L VC3211H VC007GL VC004GL	DVC157L DVC154L DVC864L	DVC150L DVC860L	VC003GL VC005GL	VC009G DVC265 DVC665	DVCL750L	DVC350
143787-2	28mm	22, 24, 38	1.0m	Α					0		0
A-34235	28mm	22, 24, 38	1.5m	Α	0	0	0	0	•		•
140G04-3	28mm	38	2.0m	В						•	
195437-5	28mm	22, 24, 38	2.5m	Α	0	0	0	0	0		0
195433-3	28mm	22, 24, 38	3.5m	Α	•	•	0	0	0		0
195436-7	28mm	22, 24, 38	5.0m	Α	0	0	0	0	0		0
198757-6	38mm	38	1.5m	В	0	0	0	0	0		0
195434-1	38mm	38	2.5m	В	•	0	•	0	0		0
195435-9	38mm	38	5.0m	В	0	0	0	0	0		0

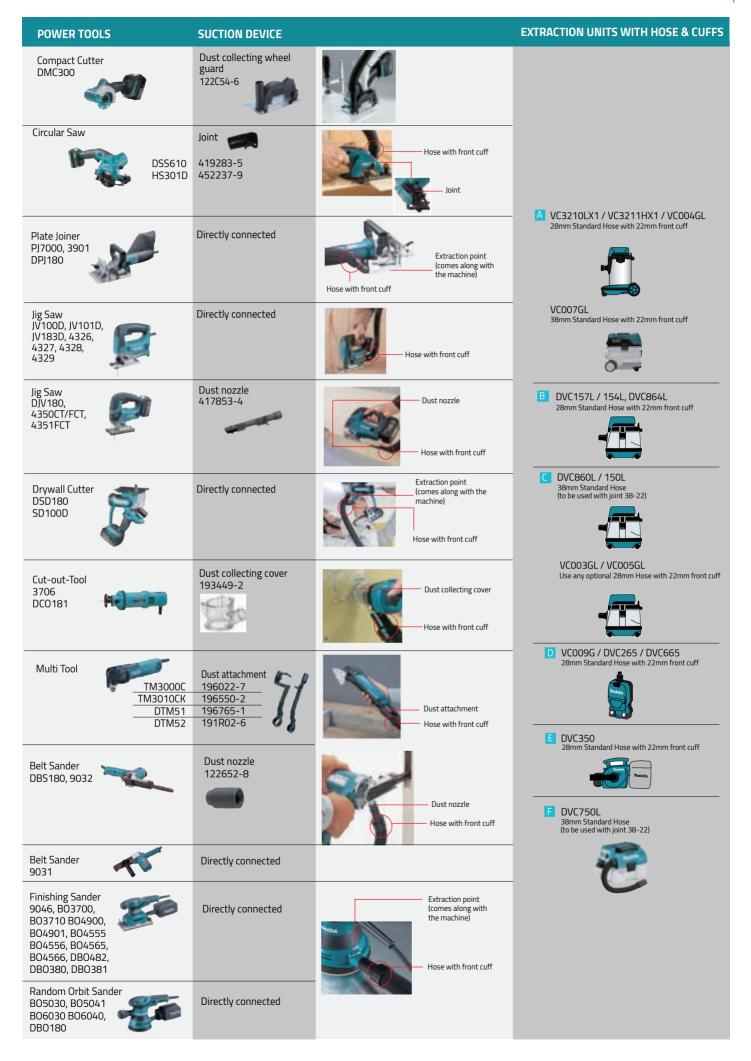
	Model	Dust attachment	Part#	Cuffs size
RS	HM1511	274	191M21-2	ø28mm hose can be directly connected to the suction device without front cuff
BREAKERS	HM1304, HM1306, HM1307C, HM1317C, HM1500, HM1801, HM1802, HM1810, HM1812	<b>⋖</b> .♀	197168-2	ø28mm hose can be directly connected to the suction device without front cuff
	FINE 1002, FINE 10 10, FINE 10 12	٢ ١	197148-8	Cuff 24 or cuff 38
DEMOLITION HAMMER	HM001G, HM002G, HM0830, HM0870C, HM0871C, HM1101C, HM1111C, HM1201, HM1203C, HM1205C, HM1213C, HM1214C	240	199143-4	ø28mm hose can be directly connected to the suction device without front cuff
DEMO	HM0870C/71C, HM1101C/11C, HM1203C/13C, HM1214C	4.₽	196568-3	ø28mm hose can be directly connected to the suction device without front cuff
	DHR400N, HR3540C/41FC, HR4030C, HR4001C/02/11C, HR4501C/11C	<b>4.</b> ₽	196568-3	ø28mm hose can be directly connected to the suction device without front cuff
	DHR400N, HR005G HR4013C, HR4003C	<b>4. ?</b>	197148-8	Cuff 24 or cuff 38
	HR5212C, HR5202C, HR4001C, HR4002, HR4010C, HR4501C,	240	199144-2	Cuff 24 or cuff 38
	HR4510C, HR4511C, HR4041C, HR4030C, HR4013C, HR4003C HR3541C, DHR400N, HR005G, HR006G		199143-4	ø28mm hose can be directly connected to the suction device without front cuff

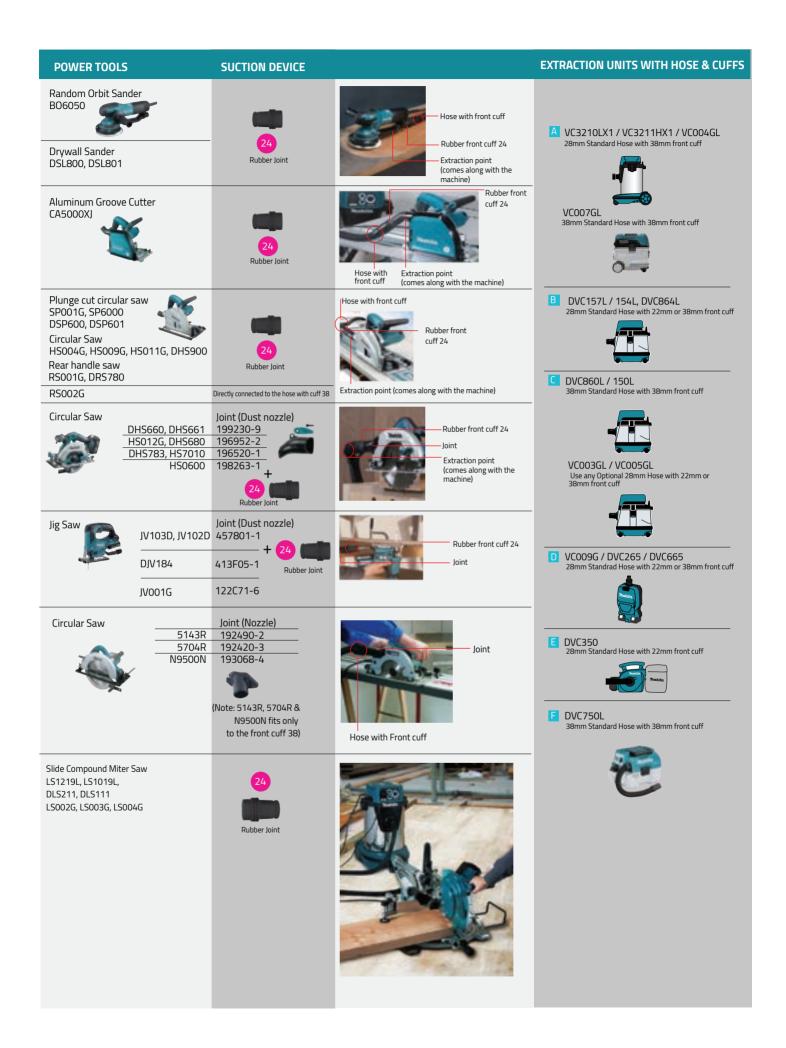




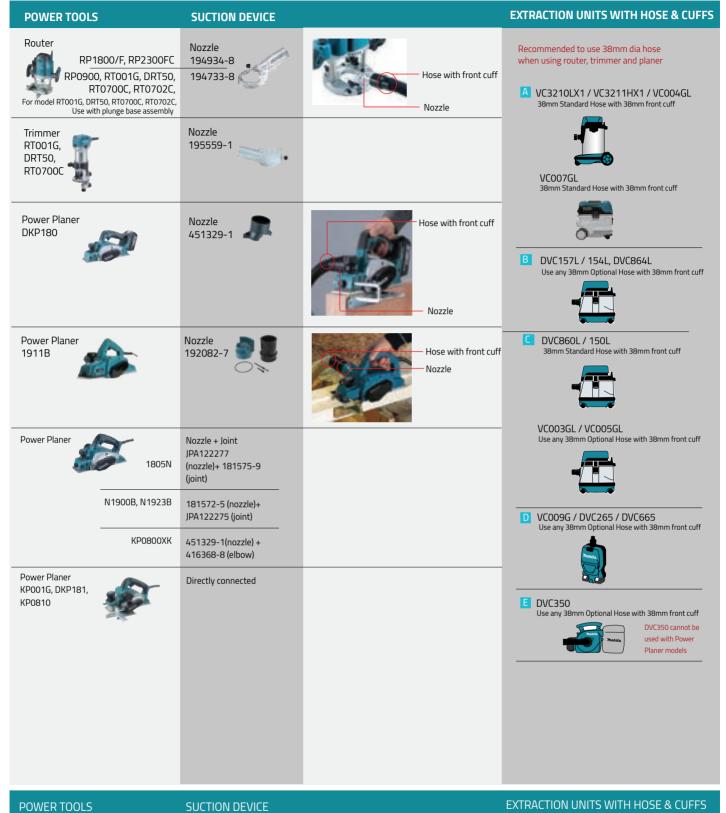


POWER TOOLS	SUCTION DEVICE		EXTRACTION UNITS WITH HOSE & CUFFS
For 115, 125mm models for the grinder with 1 notch on bearing box For 115, 125mm XGT grinders For 180mm grinders	Dust collecting wheel guard - For cup type diamond wheel  195237-3 191F81-2 191X44-6	Wheel guard  Hose with front cuff	
For 115, 125mm models for the grinder with 1 notch on bearing box for the grinder with 3 notches on bearing box For 115, 125mm LXT X-LOCK grinders For 115, 125mm XGT grinders	Dust collecting wheel guard  196846-1 196845-3 191G05-4 191G06-2	Hose with front cuff  Wheel guard	A VC3210LX1 / VC3211HX1 / VC004GL 28mm Standard Hose with 38mm front cuff
For 115, 125mm For 180mm For 230mm	Dust collecting wheel guard  193794-5  194303-3  194044-1	Hose with front cuff Wheel guard	VC007GL 38mm Standard Hose with 38mm front cuff
For 230mm models for XGT 180mm model for XGT 230mm model	Dust collecting wheel guard 198380-7 198514-2 198440-5		B DVC157L / 154L, DVC864L 28mm Standard Hose with 38mm front cuff  DVC860L / 150L
Power Cutter CE002G	Directly connected		38mm Standard Hose with 38mm front cuff
Angle Cutter 4112HS  Dustless Cutter 4105KB	Elbow joint 32 192613-2	Hose with front cuff Elbow joint	VC003GL / VC005GL Use any Optional 28mm Hose with 38mm front cuff
DCC501	Directly connected		D VC009G / DVC265 / DVC665
Wall Chaser SG1251, SG1250	Directly connected	Extraction point (comes along with the machine)  Hose with front cuff	28mm Standard Hose with 38mm front cuff
Concrete Planer PC5000C, PC5001C	Directly connected	Hose with front cuff	DVC350 28mm Standard Hose with 38mm front cuff  F DVC750L 38mm Standard Hose with 38mm front cuff
Belt Sander 9924DB	Joint 192518-6		John January 198
9403, 9404, 9910, 9920, 9921	Directly connected	Hose with front cuff  Extraction point (comes along with the machine)	
Wheel Sander 9741	Joint 410899-9		





## **EXTRACTION UNITS WITH HOSE & CUFFS POWER TOOLS SUCTION DEVICE** Slide Compound Saw / Miter Directly connected Hose with front cuff Saw / Compound Saw LS0714, LS1016, LS1216, Extraction point (comes along with the machine) A VC3210LX1 / VC3211HX1 / VC004GL 28mm Standard Hose with 38mm front cuff DLS714, DLS713 LS1018L, LS0815FL / LS1440, LS1040 / DLS600 VC007GL 38mm Standard Hose with 38mm front cuff Table Top Miter Saw LH1201FL, LH1040 Hose with front cuff Directly connected Flip Over Saw B DVC157L / 154L, DVC864L LF1000 Extraction point (comes along with the machine) DVC860L / 150L 38mm Standard Hose with 38mm front cuff Table Saw Joint MLT100 JM27000090 2703 192799-2 VC003GL / VC005GL 2704 419093-0 Use any optional 28mm Hose with 38mm front cuff 2712 Directly connected Dust point Band Saw 419093-0 LB1200F D VC009G / DVC265 / DVC665 Rubber sleeve 36-38 Scroll saw A-30617 SJ401 E DVC350 d to use with these cleaners) F DVC750L 38mm Standard Hose with 38mm front cuff



Planer / Thicknesser 2012NB

Hood set 193036-7 (Outer dia. 76 mm)

Connects with inner dia. 76 mm Hose



## **Cordless Pressure Washer**









- Water can be supplied not only from a faucet but also from a tank or bucket using self-suction hose set.
- 50L Tank with Functional storage box











Max Feed Volume	6.3 L/min	
Water Flow Rate	High / Low: 5.5 / 4.0 L/min	
Max Permissible Pressure	8.0 MPa	
Working Pressure	High / Low: 5.5 / 3.0 MPa	
Max Feed Temperature	40 °C	
Max Suction Height 1 m		
Max Run Time (min) w/ BL1850B x2: High / Low : 12.5 / 28		
Hose Length	5 m	
Tank capacity	50 L	
Dimensions (L x W x H)	438x218x269 mm	
Net weight	7.7 kg	

**Standard Equipment:** Trigger Gun, High Pressure Hose 5m, Suction Hose, Storage Box, Variospray Lance, Variable Nozzle, Absorption Connector, One Touch Joint.

	5.0Ah	3.0Ah	"Z" VARIANT
•	DHW080 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER (WITH WATER TANK)	-	DHW080 ZK TOOL ONLY (WITH WATER TANK) (DOES NOT INCLUDE BATTERY / CHARGER)







DRILLING / FIXING

CONCRETE DRILLING /

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

HW1200



#### High Pressure Washer





Makita-built powerful 1,800 W series motor provides up to 12 MPa for maximum cleaning power (Self-Priming Function)

- Pressure adjustable function for easy and quick control by turning the handle
- 420 L/hr max flow rate
- Powerful washing 10 MPa (100 bar) of working pressure (up to 50X as tap water)
- Lightweight and compact, middle class power washer

Continuous rating input	1,800W
Max Pressure	12 MPa (120 bar, 1,740 PSI)
Max Flow Rate	420 L/h
Max Feed Temperature	40 °C (104 °F)
High Pressure Hose Length	10 m (33 ft.)
Sound Pressure Level	72 dB(A)
Vibration Level	4.11 m/s <sup>2</sup>
Dimensions (L x W x H)	292x358x830 mm
Net weight	11.0 kg
Power supply cord	5.0 m

**Standard Equipment:** Trigger Gun, Vario-Power Spray Lance, Cyclone jet nozzle, Detergent Bottle, Cleaner Pin, Coupling Sleeve, High Pressure Hose 10 m, Water Hose Connector, Foam Nozzle, Connector

## HW1300



#### High Pressure Washer





## Makita-built powerful 1,800 W series motor provides up to 13 MPa for maximum cleaning power (Self-Priming Function)

- Pressure adjustable function and low noise mode
- Pressure adjustable function for easy and quick control by turning the handle
- Low noise mode enables soft washing of screen door, air conditioner outdoor unit, car etc
- 450 L/hr max flow rate

Continuous rating input	1,800W
Max Pressure	13 MPa (130 bar, 1,885 PSI)
Max Flow Rate	420 L/h
Max Feed Temperature	40 °C (104 °F)
High Pressure Hose Length	10 m (33 ft.)
Sound Pressure Level	76 dB(A)
Vibration Level	4.86 m/s <sup>2</sup>
Dimensions (L x W x H)	292x358x830 mm
Net weight	12.7 kg
Power supply cord	5.0 m

**Standard Equipment:** Trigger Gun, Vario-Power Spray Lance, Cyclone jet nozzle, Detergent Bottle, Cleaner Pin, Coupling Sleeve, High Pressure Hose 10 m, Water Hose Connector, Foam Nozzle, Connector

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

OPE

CLEANING

JOBSITE TOOLS

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES

## **HW131**







#### Must be used lying down

## Ideal for industrial users.

- Is fitted with a Triplex pump with ceramic coated pistons controlled by connecting a rod system for heavy duty tasks and prolonged use.
- It is equipped with a wheeled trolley for easy moving and an integrated accessory holder for easy storage.
- It also has a water filter, an induction electric motor as well as an adjustable spray head with high/low pressure with pencil/fan jet settings.

Maximum Pressure	Max 130 bar
Maximum Flow	500 L/hr
Induction Motor	2,3 kW 230V 50Hz
Hose Length	15m
Net Weight	33kg

Standard Equipment: Gun and Lance with Hi/Low and Pencil/fan Adjustable Nozzle, Rotopower Turbo Lance, On Board Detergent Tank, Pressure Gauge, Triplex Plunger Pump with Connecting Rod System.

## HW151



#### **High Pressure Washer**





## Ideal for industrial users.

- Built-in accessories holder.
- Rubber tread wheels.
- Built-in hose reel.
- Swivel connection accessories, Steel armed hose.
- Brass head / Steel frame.

Maximum Pressure	Max 150 bar	
Maximum Flow	500 L/hr	
Induction Motor	2,5 kW	
Hose Length	10m	
Net Weight	26.9 kg	

**Standard Equipment:** Gun (metal type), Adjustable Spray Lance and Detergent head.

## High Pressure Washer accessories for DHW080, HW1200, HW1300

























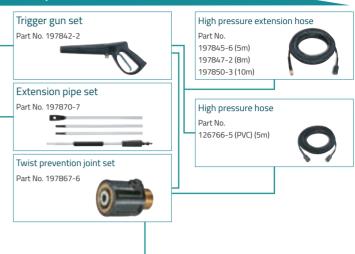


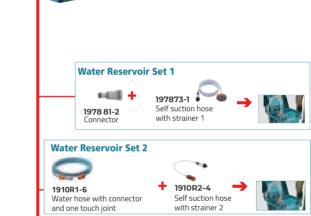


















Cleaner pin set
Part No.: 197879-9

Shoulder Belt
199486-4

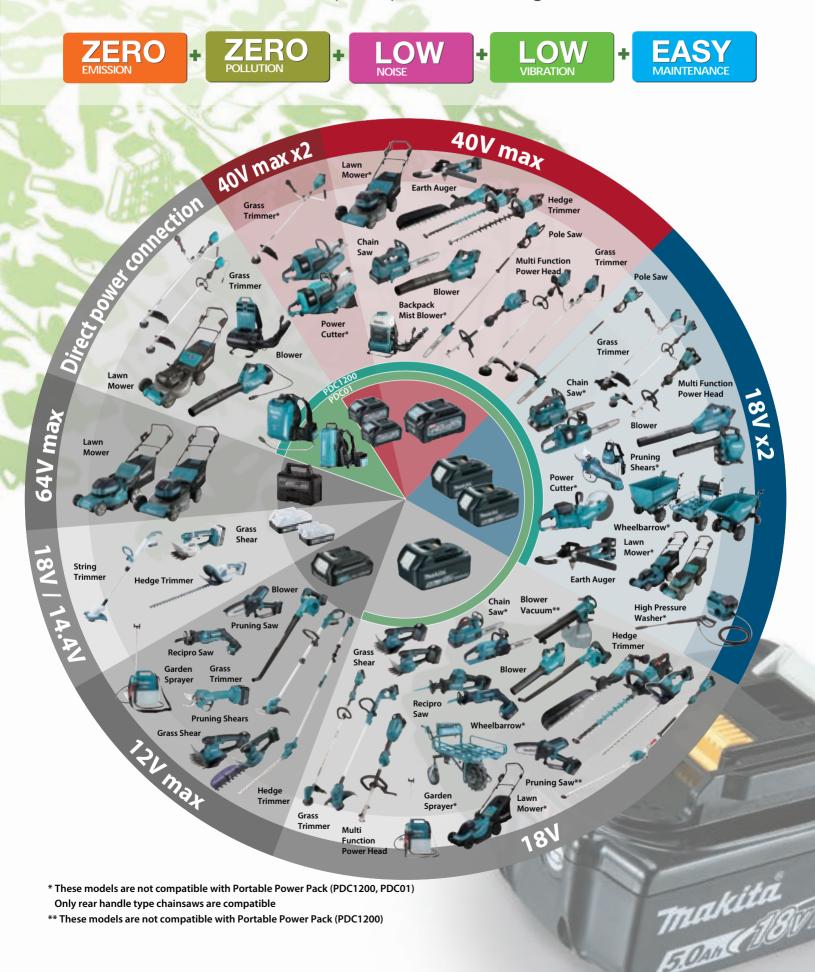
# **Garden Tools**

Muti Function Power Head, Chain Saw, Hedge Trimmer, Brush Cutter, Edger, Grass Trimmer, Grass Shear, Lawn Mower, Blower. Sprayer. Earth Auger



# **Makita Lithium-ion Cordless Garden Tools**

Best choices for resorts, hotels, public places and among residential areas due to



# **Cordless advantage**

# **ZERO Emission**



## Low noise



## Easy to Use -

## Start-up

#### **Engine tools**





Engine tools need time and tips to start-up.

## **Constant speed control**

## **Engine tools**



Engine tools are hard to keep the constant rotation speed under load

## **Cordless tools**





Cordless tools start just after inserting battery and switching on

### **Cordless tools**



**Cordless tools keep rotation** speed under load with
"Constant speed control" function

## Clean & Easy Maintenance

## **Zero emission**

### **Engine tools**





**Cordless tools** 



Cordless tools don't generate any exhaust gas

## **Cost and time reduction**

## **Engine tools**







It takes time to prepare mixed fuel for Engine

Long term storage

**Cordless tools** 



Just insert battery and ready to use

## **Easy maintenance**

#### **Engine tools**

Engine tools take time for maintenance





**Cordless tools** Cordless tools are maintenance - free unlike **Engine tools** 



## **Engine tools**

If you store the tool for a long period, when the fuel remained in the tank

It may be a cause of trouble or defect



Remaining fuel must be extracted completely before storage

#### Cordless tools

Even if you store the tools for a long period,



Just insert battery and ready to use





# Multi Function Power Head

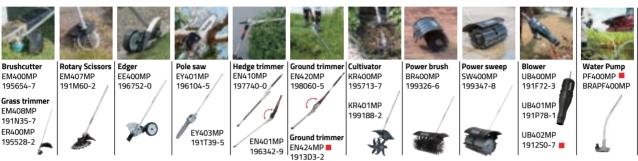
Multi Function Power Head designed for wide range of garden and agricultural applications. Multi Function Power Head is for users with multiple garden applications with different attachments. This reduces the need for purchasing multiple tools for different applications thereby saving cost and space.







## **VARIOUS OPTIONAL ATTACHMENTS FOR ALL YOUR GARDEN NEEDS**







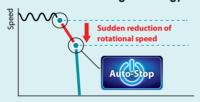
## Easy change

Lever style lock system allows for quick toolless installation and replacement of the attachments.



Reverse button for easy removal of grass clippings from t/he cutting tool only for UX01G and DUX60

# **Active Feedback sensing Technology**



- If kickback occurs while using below attachment, brake works automatically:
- 1) Brushcutter attachment with metal blade 2) Pole saw attachment
- If the sensor detects drastically decrease of rotation, the motor stops immediately



**Extreme Protection Technology** 

Enhanced Dust and Drip-proof performance ensure reliable operation even under bad weather

#### Wet Guard / IPX4 High water-resistance allows to operate the machine even if it is

with water



DUX18 Z

	UX01G 40V MAX	DUX60 18Vx2 LXT	DUX18 18V   <b>LXT</b>	
	40V MAX XGT	18V + 18V LXT	18V LXT	
Max Output	1.0 kW	0.6kW	0.47 kW	
No Load Speed (RPM)	High: 0 - 9,700	High: 0 - 9,700	High: 0 - 9,700	
	Medium: 0 - 8,200	Medium: 0 - 8,200	Low: 0 - 6,800	
	Low: 0 - 5,700	Low: 0 - 5,700	-	
Dimensions (L x W x H)	1,027 x 320 x 209 mm	1,011x320x216 mm	983 x 318 x 175 mm	
Net weight (without battery)	3.5kg	3.3kg	2.5 kg	
Motor	Brushless Motor	Brushless Motor	Brushless Motor	
Variable speed control	3-speed selection	3-speed selection	2-speed selection	
<b>Active Feedback Sensing Technology</b>	✓	✓	<b>✓</b>	
Grass clipping removal function	✓	✓	-	
<b>Protection against Dust and Water</b>	Wet Guard	XPT	XPT	
Constant speed control	✓	✓	<b>~</b>	
Brake	✓	✓	✓	
Soft Start	✓	<b>✓</b>	✓	
	"Z" VARIANT	"Z" VARIANT	"Z" VARIANT	

DUX60 Z

UX01G Z

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Chain Saw

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

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Cordles	Cordless Chain Saw						
MODEL NO	VOLTAGE	GUIDE BAR	CHAIN SPEED	NET WEIGHT	BL MOTOR	BRAKE	CONSTANT SPEED
UC012G	40V MAX XGT	400mm (16")	0-25.5 m/s	4.5kg	YES	YES	-
UC002G	40V MAX XGT	250mm (10")	0-24.8 m/s	2.6kg	YES	YES	-
DUC405	18V+18V LXT	400mm (16")	0 - 20 m/s	4.4kg	YES	YES	YES
DUC252	18V+18V LXT	250mm (10")	8.3 m/s	3.4kg	-	YES	YES
DUC307	18V LXT	300mm (10")	7.7 m/s	3.7kg	YES	YES	-
DUC254	18V LXT	250mm (10")	0 - 24 m/s	2.0kg	YES	YES	-

Petrol (	Petrol Chain Saw					
MODEL NO	GUIDE BAR	DISPLACEMENT	POWER RATING	FUEL TANK	CHAIN OIL TANK	WEIGHT
EA3502S40B	400mm (16")	35 mL	1.7KW / 2.4PS	0.4L	0.29L	4.4kg
EA6100P	500mm (20")	60.7 mL	3.4KW/ 4.6PS	0.8L	0.48L	6.0kg

Elect	Electric Chain Saw						
MODEL N	O GUIDE BAR	POWER	CHAIN SPEED	NET WEIGHT	BRAKE	SOFT START	
UC4041A	400mm (16")	1,800W	870m/min	4.7kg	YES	-	
UC4551A	450mm (18")	2,000W	870m/min	5.7kg	YES	YES	

#### UC012G 40cm 40V MAX | **◆**X◆**>**

#### **Cordless Chain Saw**





#### As powerful as 42cc petrol chain saw

- Outer Rotor BL Brushless motor direct-drive system delivers 0-24.8 m/s
- Excellent work efficiency
- With Captive nuts for solid bar retention

The space with the state of the

- Kickback brake and Variable speed trigger switch provide high operability
- Wet Guard High water-resistance allows to operate the machine even if it is wet with water

	max <b>BL</b> WG
Guide Bar Length	400 mm (16")
Chain Pitch / Chain Gauge	0.325
	1.1mm / .043''
Chain Speed	0-25.5 m/s
Chain Oil Tank Volume	260 mL
Sound Power Level	104dB(A)
Vibration Level (Front/ Rear)	3.4/ 4.4 m/s <sup>2</sup> (saw chain: 90PX)
Dimensions (L x W x H)	w/o guide bar: 445 x 230 x 275 mm (17-1/2 x 9 x 10-7/8")
Overall length	708 mm
Net weight	4.5kg (without guide bar and battery)

Standard Equipment: 40cm Guide Bar and Chain with 1.1mm Gauge / 3/8" Pitch / 80TXL MC

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
UC012G T1 - 1 x BL4050F BATTERY - DC40RA CHARGER	UC012G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

## UC002G 25cm

## 40V MAX | **€**X**©**7







As powerful as 30cc petrol chain saw

- Outer Rotor BL Brushless motor direct-drive system delivers 0-24.8 m/s
- Lightweight design & Excellent work efficiency
- With Captive nuts for solid bar retention
- Kickback brake and Variable speed trigger switch provide high operability
- Wet Guard High water-resistance allows to operate the machine even if it is wet with water

W 40V BL W
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Guide Bar Length	250 mm (10")
Chain Pitch / Chain Gauge	6.35mm (1/4") / 1.3 mm or
	9.5 mm (3/8") / 1.1or 1.3 mm
Chain Speed	0-24.8 m/s
Chain Oil Tank Volume	200 mL
Sound Power Level	100dB(A)
Vibration Level (Front/ Rear)	2.9/ 2.4 m/s² (saw chain: 90PX)
Dimensions (L x W x H)	266 x 194 x 227 mm (without battery)
Overall length	486mm (with guide bar)
Net weight	2.6kg (without guide bar and battery)

Standard Equipment: 25cm Guide Bar and Chain with 1.3mm Gauge / 3/8" Pitch / 91PX CC

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
UC002G M1 -1 x BL4040 BATTERY - DC40RA CHARGER	UC002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

18Vx2

HEAT GUN /

STAPLERS

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DUC405** 40cm

18Vx2







## Cordless chain saws powered by two 18V Li-ion batteries

- Outer Rotor BL Brushless motor direct-drive system delivers 0-20 m/s
- With Captive nuts for solid bar retention
- Kickback brake and Variable speed trigger switch provide high operability
- Main power switch with auto power-off function for battery saving and avoiding unintentional start un

## SO CO LATE AND CONTROL LATE AS A XPT

Guide Bar Length	400 mm (16")
Cutting Length	370 mm
Chain Pitch	3/8"
Chain Gauge	1.1 / 1.3 mm
Chain Speed	0 - 20 m/s
Chain Oil Tank Volume	200 mL
Sound Pressure / Power Level	87.7 dB(A) / 100.4 dB(A)
Vibration Level	Cutting Wood: 5.3 m/s <sup>2</sup>
Dimensions (L x W x H)	800x211x235 mm
Net weight	4.4 kg (without battery)

Standard Equipment: 40cm Guide Bar and Chain with 1.3mm Gauge / 3/8" Pitch / 90SG SC

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DUC405 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER	DUC405 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

**DUC252** 25cm **Cordless Chain Sa** 





# Cordless chain saws powered by two 18V Li-ion batteries

- Tool-less chain adjustment for convenient operation and maintenance
- Kickback brake & electric brake for maximum productivity and maximum operator safety
- Soft grip top handle is engineered for the user to more easily apply even cutting pressure
- Adjustable automatic chain lubrication with large oil reservoir
- Soft start feature gradually increases speed to eliminate start up shock

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Guide Bar Length	250 mm (10")
Chain Pitch	3/8"
Chain Gauge	1.3 mm
Chain Speed	8.3 m/s
Chain Oil Tank Volume	85 mL
Dimensions (L x W x H)	545x234x198 mm
Net weight	3.4 kg (without guide bar and battery)

Standard Equipment: 25cm Guide Bar and Chain with 1.3mm Gauge / 3/8" Pitch / 91PX CC

	AVAILABL	VARIANTS	
"Z" VARIANT			
DUC252 Z			
TOOL ONLY (DOES NOT INCLUDE BATTERY	CHARGER)		

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

**DUC307** 30cm

18V | <u>// *XT*</u>

## **Cordless Chain Saw**



## Runs at lower rpm yet with higher torque

- Tool-less change and tension adjustment of saw chainLock-off button
- Large oil tank cap allows for easy chain oil filling
- Guide Bar Length: 300mm and Saw Chain Type: 90PX

ABV LXI BL XPI	7
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Guide Bar Length	300 mm (12")
Chain speed	7.7 m/s
Chain Pitch / Chain Gauge	3/8" / 1.1 mm (0.043") or 1.3 mm (0.050")
Chain oil tank volume	150 mL
Vibration Level	5.4m/s2
Dimensions (L x W x H)	w/o Guide Bar: 428 x 214 x 234 mm
	w/ Guide bar/saw chain: 704 x 214 x 234 mm
Net weight	3.7 kg (without battery)

Standard Equipment: 30cm Guide Bar and Chain with 1.3mm Gauge / 3/8" Pitch / 90PX CC

AVAILABLE	VARIANTS
5.0Ah	"Z" VARIANT
DUC307 RT INCLUDES 1 BATTERY / 1 FAST CHARGER	DUC307 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

**DUC254** 25cm

18V | //XT

Cordless Chain Saw



#### Cordless chain saws powered by 18V Li-ion battery

- Outer Rotor BL Brushless motor direct-drive system delivers 0-24 m/s
- With Captive nuts for solid bar retention
- Chain brake and Variable speed trigger switch provide high operability equivalent to engine chain saw.
- Torque boost mode provides more power for cutting thick branches/hard branches.



Standard Equipment: 25cm Guide Bar and Chain with 1.1mm Gauge / 3/8" Pitch / 90PX CC

AVAILABLE VARIANTS	J
"Z" VARIANT	
DUC254 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )	

NAILERS /

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DUC101** 10cm

Cordless Pruning Saw





## For use in a variety of outdoor applications such as pruning and cutting branches or small trees

- Brushless motor for efficient and powerful cutting
- Tool-less chain adjustment for easy maintenance
- Automatic oiling system to keep the chain lubricated
- Electric brake for added safety
- Two-handed operation for improved control
- Lock-off lever accessible from both sides
- Comes with 100mm (10") Guide bar and Saw chain (80 TX)



Guide bar length	100 mm (4")
Chain speed	8.0 m/s
Chain oil tank volume	55 mL
Dimensions (L x W x H)	394 x 90 x 245 mm
Net weight	1.3 kg

Standard Equipment: Saw Chain, Guide Bar, Guide Bar Cover, Round File

AVAILABLE VARIANTS

3.0Ah

"Z" VARIANT

DUC101 RF
INCLUDES 1 BATTERY / FAST CHARGER

DUC101 Z
TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER)

**UC100D** 10cm

12V MAX | (CXT)

## **Cordless Pruning Saw**



18V | **///X**//



# For use in a variety of outdoor applications such as pruning and cutting branches or small trees

- Brushless motor for efficient and powerful cutting
- Tool-less chain adjustment for easy maintenance
- Automatic oiling system to keep the chain lubricated
- Electric brake for added safety
- Two-handed operation for improved control
- Lock-off lever accessible from both sides
- Comes with 100mm (10") Guide bar and Saw chain (80 TX)

(RANK) (AZVINAX CXT, ELL XPT

100 mm (4")
8.0 m/s
55 mL
357 x 90 x 215 mm
1.2kg

**Standard Equipment:** Saw Chain, Guide Bar, Guide Bar Cover, Round File

AVAILABLE VARIANTS		
2.0Ah	"Z" VARIANT	
UC100D WA INCLUDES 1 BATTERY / CHARGER	UC100D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

## **EA3502S40B** 40cm

## Petrol Chain Saw



## Entry class chain saw for home and garden with more power.

- Rapid start and Touch & Stop switch for easy operating.
- Environment-friendly 2-stroke engine.
- Compact and lightweight body for better handling.
- Metal spike bumper firmly grips workpiece to provide more control, making cutting easier



Standard guide bar	400mm (6")
Saw chain	Pitch : 3/8"
	Gauge : 1.1mm / 1.3mm
Displacement	35.0mL
Engine power	1.7kW / 2.4PS
Fuel tank	0.4 L
Chain oil tank	0.29 L
Vibration level Front handle	4.9m/s <sup>2</sup>
Vibration level Rear handle	5.0m/s²
Dimensions (L x W x H)	415x247x273mm
Power head weight	4.4kg

Standard Equipment: 40cm Guide Bar and Chain with 1.3mm Gauge / 3/8" Pitch / 90SG SC

#### **EA6100P** 50cm

#### **Petrol Chain Saw**



#### 3.4 kW (4.6 HP) professional chain saw

- Magnesium housing for improved durability and less weight
- Easy Start spring-assisted starter for quick starting with less force
- Heavy-duty cyclonic-cartridge air filter system for improved durability
- Touch & Stop single lever control shuts off engine with just a touch
- Stratified scavenging system complying with many exhaust emission regulations
- Perfect saw for felling and debranching in one machine
- Low-vibration system with damper springs to absorb vibration from engine



Saw chain	Pitch: 0.325 or 3/8"
	Gauge: 1.5 mm (0.058")
Displacement	60.7 mL
Engine power	3.4 kW / 4.6 PS
Fuel Tank Capacity	0.8 L
Chain Oil Tank Volume	0.48 L
Sound Pressure Level	105 dB(A)
Sound Power Level	117 dB(A)
Vibration Level Front Grip	5.0 m/s <sup>2</sup>
Vibration Level Rear Grip	4.0 m/s <sup>2</sup>
Dimensions (L x W x H)	435x243x312 mm
Power head weight	6.0 kg

Standard Equipment: 50cm Guide Bar and Chain with 1.5mm Gauge / 3/8" Pitch / 91VG SC

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

UC4551A 45cm



## **Electric Chain Saw**



#### New adjustment lever for easier Tool-less tension adjustment of saw chain.

- Improved oil pump keeps the delivery of chainoil constant regardless of temperature and the oil viscosity.
- Large view window of oil tank allows operator to easily check oil level.
- Large separate-type metal spike bumper.
- Longitudinal motor provides better maneuverability.
- Electronic control: Soft start and current limiter

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Chain speed per minute         870m/min           Guide bar length         450mm (18")           Chain blade         Pitch : 3/8"           Gauge : 0.050"           Sound pressure level         90.8dB(A)           Sound power level         101.8dB(A)           Vibration level         5.2m/s²           Dimensions (L x W x H)         505x200x220mm (19-7/8"x7-7/8"x8-5/8")           Net weight         5.7kg (12.5bs)           Power supply cord         0.3m (0.98ft)	
Chain blade         Pitch : 3/8"           Gauge : 0.050"           Sound pressure level         90.8dB(A)           Sound power level         101.8dB(A)           Vibration level         5.2m/s²           Dimensions (t. x W x H)         505x200x220mm (19-7/8"x7-7/8"x8-5/8")           Net weight         5.7kg (12.5bs)	4F0 (10")
Gauge : 0.050"	45011111 (18 )
Sound pressure level         90.8dB(A)           Sound power level         101.8dB(A)           Vibration level         5.2m/s²           Dimensions (L x W x H)         505x200x220mm (19-7/8 "x7-7/8"x8-5/8")           Net weight         5.7kg (12.5bs)	Pitch: 3/8"
Sound power level         101.8dB(A)           Vibration level         5.2m/s²           Dimensions (L x W x H)         505x200x220mm (19-7/8"x7-7/8"x8-5/8")           Net weight         5.7kg (12.5bs)	Gauge : 0.050"
Vibration level         5.2m/s²           Dimensions (L x W x H)         505x200x220mm (19-7/8"x7-7/8"x8-5/8")           Net weight         5.7kg (12.5bs)	90.8dB(A)
Dimensions (L x W x H)         505x200x220mm (19-7/8"x7-7/8"x8-5/8")           Net weight         5.7kg (12.5bs)	101.8dB(A)
<b>Net weight</b> 5.7kg (12.5bs)	5.2m/s <sup>2</sup>
	505x200x220mm (19-7/8"x7-7/8"x8-5/8")
Power supply cord 0.3m (0.98ft)	5.7kg (12.5bs)
	0.3m (0.98ft)

Standard Equipment: Chain blade, Guide bar cover, Hook complete, Wrench

**UC4041A** 40cm





## New adjustment lever for easier Tool-less tension adjustment of saw chain.

- Improved oil pump keeps the delivery of chainoil constant regardless of temperature and the oil viscosity.
- Large view window of oil tank allows operator to easily check oil level.
- Large separate-type metal spike bumper.
- Flat motor housing end.
- Easy-to-grip Front loop handle.

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Continuous rating Input	1,800W
Chain speed per minute	870m/min (2,900ft/min)
Guide bar length	400mm (16")
Chain blade	Pitch : 3/8"
	Gauge: 1.1mm (.043") / or 1.3mm (.050")
Sound pressure level	90.3dB(A)
Sound power level	101.3dB(A)
Vibration level	4.7m/s <sup>2</sup>
Dimensions (L x W x H)	455x245x200mm (17-7/8"x9-5/8"x7-7/8")
Net weight	4.7kg (10.5lbs)

Standard Equipment: Chain blade, Guide bar cover, Hook complete, Wrench

DRILLING /

CONCRETE DRILLING /
DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

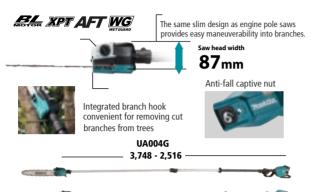
HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## **Telescopic Pole Saw**

#### Ideal for pruning and limbing in tall trees or hard-to-reach areas

- Tool-less pole extension and fixing for easy adjustment of pole length
- Designed to provide high performance similar to 30ml class engine pole saws
- Excellent tool balance The motor is located in the battery housing, this reducing the saw head weight allowing for easier control of the saw head.
- Retractable oil tank cap decreases the chance that the saw head will be snagged
- LXT model DUA301 is featured with torque boost mode raises the current limit temporarily similar to XGT model UA004G for easy cutting of trunks or thick limbs



3,762 - 2,530 **DUA301** 



	UAUU4G	40V MAX
	Cordless Telescopic Pole Saw	
Max output: kW	1.5 kW	
Guide Bar Length	300mm (12")	
Saw chain	Gauge : 1.1mm / Pitch: 3/8"	
Chain Speed	0 - 20.0 m/s	
Fuel Tank	-	
Oil Tank Capacity	160 mL	
Dimensions (L x W x H) w/o Guide Bar	2,515 - 3,747 x 157 x 191 mm	
Net weight w/o Guide Bar	6.4kg (without battery)	

Standard Equipment: 30cm Guide Bar and Chain with 1.1mm Gauge / 3/8" Pitch / 90PX CC



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## **DUA301** 18Vx2 **Cordless Telescopic Pole Saw** 300mm (12") Gauge : 1.1 mm / Pitch: 3/8" 0 - 20.0 m/s 160 mL 2,530 - 3,762 x 155 x 191 mm 6.4 kg (without battery)

Standard Equipment: 30cm Guide Bar and Chain with 1.1mm Gauge / 3/8" Pitch / 90PX CC



5.0Ah	"Z" VARIANT
DUA301 PT2	DUA301 Z
- 2pcs x BL1850B	TOOL ONLY
- DC18RC CHARGER	(DOES NOT INCLUDE BATTERY / CHARGER

## **DUP362** 18Vx2 /LX7

## **Cordless Pruning Shea**





## 18V X2 (36V) LXT Li-Ion Battery Powered Pruning Shear

- Higher torque for increased cutting performance
- Smooth cutting similar to that of a hand pruner
- Extra sharp, made-in-Japan forged blade
- · Comfortable backpack harness with Switch box and Controller box



Capacity Max cutting: 33 mm / Max blade opening: 54 mm **Cutting Torque** 250 N Dimensions (L x W x H) 305x43x106 mm Net weight 0.8 kg

Standard Equipment: Wrench set, Holster, Harness, Arm Band

AVAILABLE VARIANTS **DUP362 Z** 

## **UP100D** Cordless Pruning Shea







12V MAX | CXT

Adjustment of blade opening angle

## The opening angle of the shear blades can be set in two levels

- · BL motor provide high power and excellent cutting performance
- Adjustment of blade overlap when closed
- Anti-vibration structure

4.0Ah

UP100D SMJ

• Wet Guard - High water-resistance allows to operate the machine even if it is wet with water

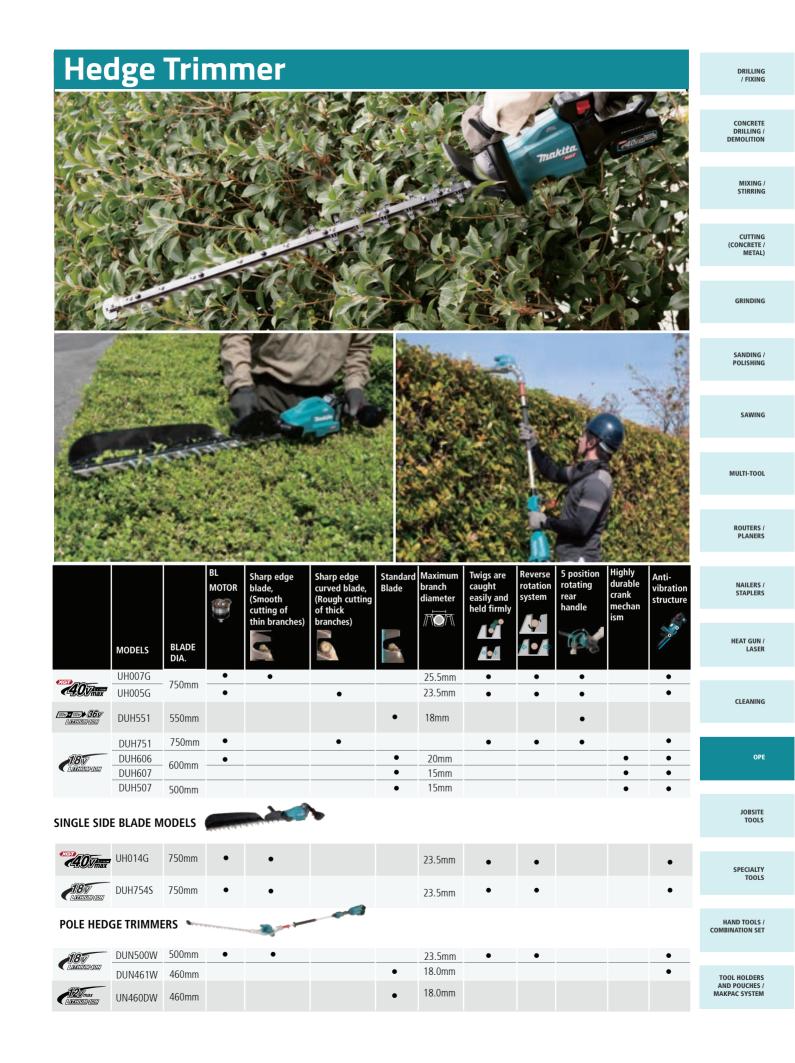


2,200 Cuts with BL1021B

When cutting ø15mm branches Max Cutting Capacity Max cutting: 25 mm (1") Dimensions (L x W x H) 259 x 53 x 98 mm 1.1 kg (With 4.0Ah battery)

Standard Equipment: Blade Cover, Chip Receiver

AVAILABLE VARIANTS	
	"Z" VARIANT
	UP100D Z TOOL ONLY
	(DOES NOT INCLUDE PATTERY / CHARGER )



DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

**Cordless Hedge Trimmer** 

**UH005G** - 750 mm



Runtime 365 /155 /80min Low / Medium / High

40V MAX | **◆**X**⇔** 

Reliable cutting performance superior to engine hedge trimmers High power and longer runtime achieved with XGT battery

- Sharp edge curved blade Ideal for smoothly and efficiently trimming twigs, thin branches or dense hedges

  BL motor provide high power and excellent cutting performance
- 5 position rotating rear handle
- Anti-vibration structure
- Wet Guard High water-resistance allows to operate the machine even if it is wet with water

	OVINAX BL WG   Sharp edge curved   Blade)	
Blade Length	750 mm	
Max Cutting Capacity	23.5 mm	
Strokes Per Minute (SPM)	High / Mid / Low: 5,000 / 3,600 / 2,000	
Sound Pressure Level	86 dB(A)	
Sound Power Level	97 dB(A)	
Vibration Level	Front / Rear: 3.1 / 2.7	
<b>Dimensions (L x W x H)</b> 1,263 x 223 x 191 mm		
Net weight	3.8 kg (without battery)	
Standard Equipment: Blade Cov	rer, Chip Receiver	

	AVAILABLE VARIANTS	
4.0Ah		"Z" VARIANT
	UH005G M2 - 2PCS OF BL4040 BATTERY - DC40RA CHARGER	UH005G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER )

**UH007G** - 750 mm

40V MAX | **₹**₹

Cordless Hedge Trimmer (for rough cut)



Runtime 180 /105 /65min Low / Medium / High

## Reliable cutting performance superior to engine hedge trimmers

- Sharp edge Blade Ideal for trimming overgrown hedges and trimming thick and hard branches
- BL motor provide high power and excellent cutting performance
- 5 position rotating rear handle
- Anti-vibration structure
- Wet Guard High water-resistance allows to operate the machine even if it is wet with water

	OVINAX BLANCE METOWARD (Sharp edge Blade)	
Blade Length	750 mm	
Max Cutting Capacity	25.0 mm	
Strokes Per Minute (SPM)	High / Mid / Low: 4,000 / 3,000 / 2,000	
Sound Pressure Level	81 dB(A)	
Sound Power Level	92 dB(A)	
Vibration Level	Front / Rear: 3.4 / 3.1	
Dimensions (L x W x H)	1,274 x 223 x 191 mm	
Net weight	3.9 kg (without battery)	

Standard Equipment: Blade Cover, Chip Receiver

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
UH007G M2 - 2PCS OF BL4040 BATTERY - DC40RA CHARGER	UH007G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **UH014G - 750 mm** 

40V MAX | (XS)

Cordless Hedge Trimmer (Single side blade)



High performance as petrol hedge trimmer
\_\_\_Front handle **Easy-to-use Front handle** 

 Anti-vibration structure • Optimum blade shape for smooth cutting • Twigs are caught easily and held firmly High performance with brushless motor



Standard Equipment: Blade Cover, Chip Receiver

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
UH014G M1 - 1PC OF BL4040 XGT BATTERY - FAST CHARGER DC40RA	UH014G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

**DUH551** 550 mm

18Vx2 /LXT

**Cordless Hedge Trimmer** 



125-75min

## High maneuverability and environment friendly

5 position adjustable handle

for easy and fast trimming in any angle.

Well balanced tool design by positioning the batteries at rear end of the tool.









Blade length	550mm (21-5/8")
Strokes per minute(spm)	2,000-3,600
Sound pressure level	81.5dB(A)
Sound power level	91dB(A)
Dimensions (L x W x H)	1,065 x 225 x 200mm
Max. output	0.32kW
Net weight	5.1kg (11.3lbs)

Standard Equipment: Blade cover.

	AVAILABLE VARIANTS
"Z" VARIANT	
DUH551 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

## **DUH751 -** 750 mm

## 18V | /LXT

#### **Cordless Hedge Trimmer (Twin blade)**



Runtime 160 / 70 / 45 min Low / Medium / High

#### Reliable cutting performance superior to engine hedge trimmers

- Sharp edge curved blade Ideal for smoothly and efficiently trimming twigs, thin branches or dense hedges
- BL motor provide high power and excellent cutting performance
- 5 position rotating rear handle
- Anti-vibration structure

|--|

Blade Length	750 mm
Max Cutting Capacity	23.5 mm
Strokes Per Minute (SPM)	High / Med / Low: 0 - 4,400 / 0 - 3,600 / 0 - 2,000
Sound Pressure Level	84 dB(A)
Sound power level	97 dB(A)
Vibration Level	2.5 m/s <sup>2</sup>
Dimensions (L x W x H)	1,261x225x192 mm
Net weight	4.5 kg

5.0Ah	3.0Ah	"Z" VARIANT
DUH751 PTE 2PCS OF BATTERIES / 1PC TWO PORT CHARGER (DOES NOT INCLUDE CARRY CASE)	-	DUH751 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

#### **DUH754S -** 750 mm

18V | <u>LXT</u>

Cordless Hedge Trimmer (Single side blade)



## 18V LXT BL Cordless Hedge Trimmer with single side blade

- Reliable cutting performance like engine/AC hedge trimmers
- •The no load continuous run time on a full battery charge is the same or longer than that on a full tank of petrol

Blade Length	750 mm
Max Cutting Capacity	23.5 mm
Continuous Use (min.)	High: 65   Mid: 80   Low: 190 (using 6.0Ah battery)
Sound Pressure Level	80.6 dB(A)
Sound power level	91.6 dB (A)
Vibration Level	2.5 m/s2 or less
Strokes Per Minute (SPM)	High / Med / Low: 4,400 / 3,600 / 2,000
Dimensions (L x W x H)	1,200 x 282 x 143 mm
Net weight	3.9 kg

AVAILABLE VARIANTS		
5.0Ah	3.0Ah	"Z" VARIANT
		DUH754S Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

18V | **LXT** 

Runtime

**77**min

HEAT GUN /

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DUH607 -** 600 mm 18V | /LXT

## **Cordless Hedge Trimmer**





#### Compact, Lightweight and well balanced design allows for long periods of use with minimal fatigue

- 2 handed starting switch prevents accidental start-up
- Large main switch lever for easy operation
- Easy-to-press front handle safety that can be gripped from multiple angles
- Aluminium guide bar reduces overall weight of blade assembly
- Angled teeth for effective branch entry into cutting area
- Highly durable crank mechanism minimizes the risk of the blade falling off



Blade Length	600 mm
Max Cutting Capacity	15 mm
Strokes Per Minute (SPM)	2,700
Continuous Use (min.)	w/ BL1830B: 60
Sound Pressure Level	Front/Rear: 1.2/0.7 m/s
Sound Power Level	73 dB(A)
Vibration Level	84 dB(A)
Dimensions (L x W x H)	1,029 x 209 x 188 mm (with BL1860B)
Net weight	2.42 kg (without battery)

Standard Equipment: Blade cover.

AVAI	LABI	LE V	ARI	ANTS

"Z" VARIANI DUH607 Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

**DUH507 -** 500 mm

**Cordless Hedge Trimmer** 



## Compact, Lightweight and well balanced design allows for long periods of use with minimal fatigue

- 2 handed starting switch prevents accidental start-up
- Large main switch lever for easy operation
- Easy-to-press front handle safety that can be gripped from multiple angles
   Aluminium guide bar reduces overall weight of blade assembly
   Angled teeth for effective branch entry into cutting area

- Highly durable crank mechanism minimizes the risk of the blade falling off

(RAKE)		XPT
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Blade Length	500 mm
Max Cutting Capacity	15 mm
Strokes Per Minute (SPM)	2,700
Continuous Use (min.)	with BL1830B: 77
Sound Pressure Level	Front/Rear: 1.1/0.6 m/s
Sound Power Level	74 dB(A)
Vibration Level	85 dB(A)
Dimensions (L x W x H)	925 x 209 x 188 mm (with BL1860B)
Net weight	2.34 kg (without battery)

Standard Equipment: Blade cover.

"Z"	VARIANT
_	

**DUH507 Z** 

OL ONLY OES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

**DUH606 -** 600 mm

18V | /LXT

## Cordless Hedge Trimmer



Runtime -**70**min

BL motor, Compact, Lightweight and well balanced design allows for long periods of use with minimal fatigue

- 2 handed starting switch prevents accidental start-up
   Large main switch lever for easy operation
- Easy-to-press front handle safety that can be gripped from multiple angles
   Aluminium guide bar reduces overall weight of blade assembly
- Angled teeth for effective branch entry into cutting area
- Highly durable crank mechanism minimizes the risk of the blade falling off

(IN) WE PROPERTY XP	T BL
Blade Length	600 mm

Blade Length	000 11111
Max Cutting Capacity	20.0 mm
Strokes Per Minute (SPM)	4,000
Continuous Use (min.)	w/ BL1860B: 70
Sound Pressure Level	79 dB(A)
Sound Power Level	90 dB(A)
Vibration Level	2.5 m/s or less
Dimensions (L x W x H)	1,016 x 207 x 185 mm
Net weight	2.7 kg
Standard Equipment: Blade cover	

Standard Equipment: blade cover.	
AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
<b>DUH606 RT</b> 1PC OF BATTERY/ FAST CHARGER	DUH606 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)



ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

SPECIALTY TOOLS

JOBSITE TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## EH7500S 750mm

## Petrol Hedge Trimmer (single side blade)





## **Environment-friendly 2-stroke engine**

Anti-vibration System

Blade Teeth with 3 Sharpened Edges







## EH7500W 750mm

## Petrol Hedge Trimmer (double blade)





## **Environment-friendly 2-stroke engine**

Anti-vibration System

Blade Teeth with 3 Sharpened Edges 5 Position Rotating Rear Handle





Blade length	750mm (29-1/2")
Displacement	22.2mL
Power rating	0.68kW / 1.0PS
Fuel mixture	50:1
Fuel tank	0.4L
Dimensions	1,259mm x 262mm x 216mm
(L x W x H)	(49-1/2"x10-3/8"x8-1/2")
Net weight	5.2kg (11.4lbs)

## UH5261 520mm



## Electric Hedge Trimmer (2 sided blade)





## Ergonomically designed grips provides more control and comfort while minimizing hand fatigue.

- Stain-free shear blade surface obtained by non-electrolyzed nickel plating features high anti-abrasion surface for a long lasting coating.
- Protection of extension cord from breakage.



Continuous rating Input	400W
Blade length	520mm (20-1/2")
Strokes per minute (spm)	3,200
Dimensions	921 x 194 x 194mm
(L x W x H)	(36-1/4" x 7-5/8" x 7-5/8")
Net weight	3.0kg (6.5lbs)
Power supply cord	0.3m (0.98ft)

## UH6570 650mm



Electric Hedge Trimmer (2 sided blade)





#### Comfortable operation by ergonomically designed rubberized soft grip.

- Three switches are installed in handle, front grip and sub grip.
- Tool starts only when any two pair of the three switches are pressed at the
- Guard is provided at the tip of blades to prevent kick-back.
- Blades are coated to improve durability.



Continuous rating Input	550W
Blade length	650mm (25-1/2")
Strokes per minute (spm)	3,200
Dimensions	1,042 x 223 x 206mm
(L x W x H)	(41 " x 8-3/4" x 8-1/8")
Net weight	3.7kg (8.1lbs)
Power supply cord	0.3m (0.98ft)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





## Electric Hedge Trimmer (2 sided blade)





#### High power and superior operation.

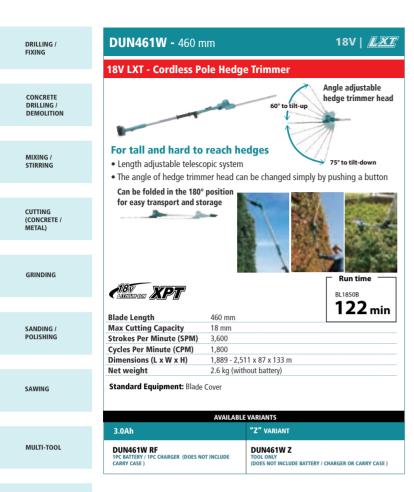
- Ergonomically designed rubberized soft grips provide more control and comfort.
- Three switches are installed in handle, front grip and sub grip.
- Tool starts only when any two pair of the three switches are pressed at the same time.
- Guard is provided at the tip of blades to prevent kick-back.
- Blades are coated to improve durability.

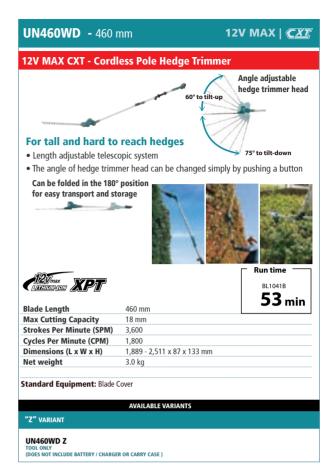




Continuous rating Input	670W
Blade length	750mm (29-1/2")
Strokes per minute (spm)	3,000
Dimensions	1,157 x 223 x 206mm
(L x W x H)	(45-1/2" x 8-3/4" x 8-1/8")
Net weight	4.6kg (10.1lbs)
Power supply cord	0.3m (0.98ft)









ROUTERS / PLANERS

HEAT GUN

CLEANING

#### OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



# Cutting blade angle: 115° foldable for easy transport and storage:

- New triple-edged cutting teeth are designed to easily catch and firmly hold twigs, also featuring excellent sharpness
- Curved blades reduce friction resistance to suppres energy loss.
- Reverse rotation system frees the blade when it is jammed by thick branches



 Vibration Level: Left hand (Front grip / Handle)
 4.7 m/s2

 Vibration Level: Right hand (Rear grip)
 2.5 m/s2 or less

 Strokes Per Minute (SPM)
 High / Med / Low: 4,400 / 3,600 / 2,000

 Overall length
 2,115 mm

 Net weight
 4.5 kg

Standard Equipment: Blade Cover, Harness

Standard Equipment. Diade Cover, Harriess							
AVAILABLE VARIANTS							
6.0Ah	"Z" VARIANT						
DUN500W RGE 2PCS OF BATTERIES / 1PC CHARGER (DOES NOT INCLUDE CARRY CASE )	DUN500W Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )						



#### 4-stroke engine with the multi-position engine lubrication system

- Compact design for greater versatility in the garden as well as in commercial application:
- Angle adjustable hedge trimmer head
- $\bullet$  45° tilt-up to 90° tilt-down from the horizontal position
- Blade does not move while hedge trimmer head is 180° in the folded position
- 180° foldable for easy transport and storage
- 13 angle settings (11.25° each):



Blade length	490mm(19-1/4")
Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Strokes per minute (spm)	4,200
Sound pressure level	90dB(A)
Sound power level	102.2dB(A)
Vibration level Front handle	6.3m/s <sup>2</sup>
Vibration level Rear handle	8.9m/s <sup>2</sup>
Dimensions	2,550x242x241mm
(L x W x H)	(100-1/2"x9-1/2"x9-1/2")
Net weight	6.9kg (15lbs)

**Standard Equipment:** Blade cover, Box driver, Accessory bag, Oil set, Shoulder strap, Safety goggles, End cover set, Hex wrench

# **Grass Shears**





#### Cordless Grass Shear







Hedge trimmer blade (only with "Z" Variant) Part No.198409-9

#### 18V LXT Li-Ion Cordless 160mm Grass Shear

- Ergonomically designed handle with sure grip provides more control and comfort
- Grass receiver for reduced grass clean-ups
- Up to 250 min of run time with BL1860B
- 2,500 SPM for efficient cutting
- 2 in 1: Both trimmer blade and shear blade can be attached



Cutting Width	160 mm
Depth Adjustment	15, 20, 25 mm
Strokes Per Minute (SPM)	2,500
Continuous Use (min.)	with BL1860B / BL1850B/ BL1830B: 250 / 200 / 125min
Sound Pressure Level	76 dB(A)
Vibration Level	2.5 m/s <sup>2</sup> or less
Dimensions (L x W x H)	337x177x131 mm
Net weight	1.8 kg
Standard Farriaments Constants	as blade Creek Bassissas Blade Cassas

Standard Equipment: Grass shear blade, Grass Receiver, Blade Cover, Hedge Trimmer Blade (only with "z" variant)

AVAILABLE	VARIANTS
5.0Ah	"Z" VARIANT
DUM604 RT INCLUDES 1 BATTERIES / 1 CHARGER + GRASS SHEAR BLADE	DUM604 ZX TOOL + GRASS SHEAR BLADE + HEDGE TRIMMER BLADE ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

## DUM111 18V | <u>LXT</u>

## **Cordless Grass Shear**







#### Hedge trimmer blade included Part No 191N24-2

## **18V LXT Li-Ion Cordless 110mm Grass Shear**

- Ergonomically designed handle with sure grip provides more control and comfort
- Grass receiver for reduced grass clean-ups
- $\bullet$  Up to 67 min of run time with BL1815N
- 2,500 SPM for efficient cutting
- 2 in 1: Both trimmer blade and shear blade can be attached



Grass Shear Blade: 110 mm / Hedge Trimmer Blade: 200 mm
15, 20, 25 mm
2,500
67 (w/ BL1815N)
70 dB(A)
2.5 m/s or less
300 x 120 x 130 mm
1.4 kg

Standard Equipment: Grass Receiver, Blade Cover

AVAILABLE VARIANTS
1.5Ah
DUM111 SYX INCLUDES 1 BATTERY / 1 CHARGER DC18SD + GRASS SHEAR BLADE + HEDGE TRIMMER BLADE

## UM600D 12V MAX | *CXT*

## Cordless Grass Shear







Hedge trimmer blade (only with "Z" Variant) Part No.198409-9

## 12V max CXT Li-Ion Cordless 16 cm Grass Shear

- Slimmer handle. More runtime. High performance
- Ergonomically designed handle with sure grip provides more control and comfort
- Up to 90 min of run time on a single battery BL1041B charge
- 2,500 SPM for efficient cutting
- 2 in 1: Both trimmer blade and shear blade can be attached



Net weight	1.5 kg
Dimensions (L x W x H)	329x177x131 mm
Vibration Level	2.5 m/s² or less
Sound Pressure Level	75 dB(A)
Continuous Use (min.)	with BL1041B / BL1021B : 90 / 45min
Strokes Per Minute (SPM)	2,500
Depth Adjustment	15, 20, 25 mm
Cutting Width	160 mm (6-5/16")

**Standard Equipment:** Grass shear blade, Grass Receiver, Blade Cover , Hedge Trimmer Blade (only with "z" variant)

AVAILABLE	AVAILABLE VARIANTS								
4.0Ah	"Z" VARIANT								
UM600D SM INCLUDES 1 BATTERIES / 1 CHARGER + GRASS SHEAR BLADE	UM600D ZX TOOL + GRASS SHEAR BLADE + HEDGE TRIMMER BLADE ONLY (DOES NOT INCLUDE BATTERY / CHARGER)								

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

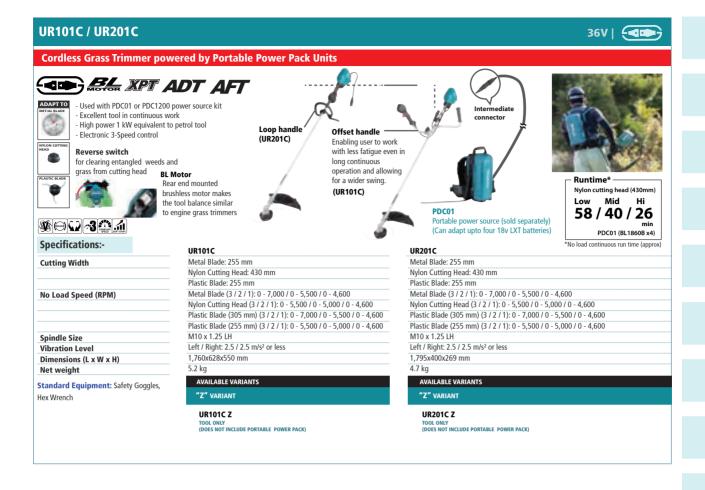
HAND TOOLS /
COMBINATION SET

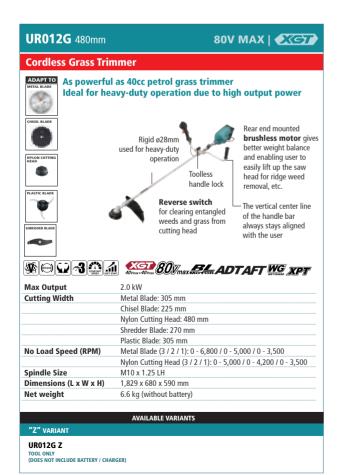
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

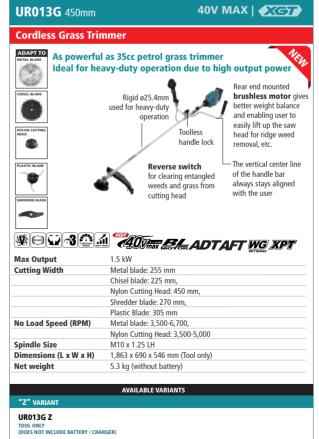


# **Brush Cutter / Grass Trimmer**

	<b>80</b> V/max	<b>407</b>		connection cord			€118√ Cumming				125/max				
	UR012G	UR013G	UR006G	UR007G	UR003G	UR101C	UR201C	DUR369N	DUR369A	DUR364L	DUR192L	DUR193	DUR190	DUR194	UR100D
Handle	Bike	Bike	Bike	Loop	Loop	Bike	Loop	Loop	Bike	Loop	Loop	Loop	Bike	Loop	Loop
Nylon Head	480mm	480mm	430mm	430mm	350mm	430mm	430mm	430mm	430mm	350mm	300mm	260mm	300mm	280mm	260mm
Metal Blade	305mm	305mm	255mm	255mm	230mm	255mm	255mm	255mm	-	-	-	-	230mm	200mm	-
Plastic Blade	305mm	305mm	305mm	305mm	255mm	255mm	255mm	255mm	-	-	-	-	255mm	230mm	230mm







DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING /
POLISHING

SAWING

MULTI-TOOL

## **UR007G -** 430 mm

## 40V MAX | **◆**X**今**7

## **Cordless Grass Trimmer (Loop handle)**

As powerful as 30cc petrol grass trimmer



Rear end mounted brushless motor gives better weight balance and enabling user to easily lift up the saw head for ridge weed removal etc



## ₩ Q 3 A A ADT AFT WG

cutting head

Max Output	1.0 kW
Cutting Width	Metal Blade: 255 mm
	Nylon Cutting Head: 430 mm
	Plastic Blade: 305 mm
No Load Speed (RPM)	Metal Blade (3 / 2 / 1): 0 - 7,000 / 0 - 5,500 / 0 - 4,600
	Nylon Cutting Head (3 / 2 / 1): 0 - 5,500 / 0 - 5,000 / 0 - 4,600
	Plastic Blade (305 mm) (3 / 2 / 1): 0 - 7,000 / 0 - 5,500 / 0 - 4,600
Spindle Size	M10 x 1.25 LH
Dimensions (L x W x H)	1,840 x 400 x 269 mm
Net weight	4.5 kg (without battery)

**Standard Equipment:** Safety Goggles, Accessory Bag, Hex Wrench, Box Driver, Shoulder Belt

AVAILABLE VARIANTS			
4.0Ah	"Z" VARIANT		
UR007G M1 - 1PC OF BL4040 XGT BATTERY - FAST CHARGER DC40RA	UR007G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)		

#### **UR006G -** 430mm

## 40V MAX | **₹**₹

#### **Cordless Grass Trimmer (Bike handle)**



handle lock

Reverse switch for clearing entangled weeds and grass from cutting head



Rear end mounted brushless motor gives better weight balance and enabling user to easily lift up the saw head for ridge weed removal, etc.

## Med ali ii **aotha eil adt aft w**e

Max Output	1.0 kW
Cutting Width	Metal Blade: 255 mm
	Nylon Cutting Head: 430 mm
	Plastic Blade: 305 mm
No Load Speed (RPM)	Metal Blade (3 / 2 / 1): 0 - 7,000 / 0 - 5,500 / 0 - 4,600
	Nylon Cutting Head (3 / 2 / 1): 0 - 5,500 / 0 - 5,000 / 0 - 4,600
	Plastic Blade (305 mm) (3 / 2 / 1): 0 - 7,000 / 0 - 5,500 / 0 - 4,600
Spindle Size	M10 x 1.25 LH
Dimensions (L x W x H)	1,840 x 681 x 563 mm
Net weight	4.9 kg (without battery)

**Standard Equipment:** Safety Goggles, Accessory Bag, Hex Wrench, Box Driver, Shoulder Belt

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
UR006G M1 - 1PC OF BL4040 XGT BATTERY - FAST CHARGER DC40RA	UR006G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

## ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **UR003G -** 350 mm



## **Cordless Grass Trimmer**

As powerful as 25cc petrol grass trimmer



**Outer Rotor** Brushless motor provides high operating efficiency.

Direct drive system for more power, more speed and longer run

Reverse switch

for clearing entangled weeds and grass from cutting head

# MONALA CONTRACTOR SE ADT AFT WE XPT

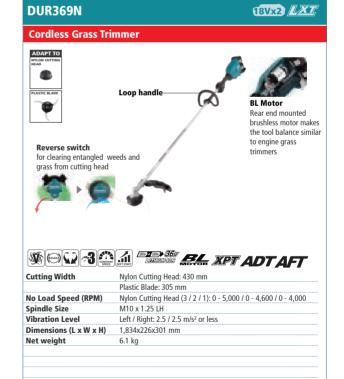
Max Output	0.55 kW
Cutting Width	Metal Blade: 230 mm
	Nylon Cutting Head: 350 mm
	Plastic Blade: 255 mm
No Load Speed (RPM)	High / Mid / Low: 0 - 6,500 / 5,300 / 3,500
<del>-</del>	ADT mode: 3,500-6,500
Spindle Size	M10 x 1.25 LH
Dimensions (L x W x H)	1,735 x 355 x 230 mm
Net weight	3.9 kg (without battery)

Standard Equipment: Safety Goggles, Accessory Bag, Hex Wrench, Box Driver, Shoulder Belt

#### AVAILABLE VARIANTS

#### UR003G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)



## Standard Equipment: Safety Goggles, Hex Wrench

#### "Z" VARIANT

#### DUR369N Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

DRILLING / FIXING

CONCRETE DRILLING /

MIXING / STIRRING

CUTTING

(CONCRETE / METAL)

GRINDING



18V | /LXT

5.0Ah

DUR194 RF

INCLUDES 1 BATTERY / 1 CHARGER (DOES NOT INCLUDE CARRY CASE)

DUR192L

ADAPT TO

DUR190L series

**Cutting Width** 

Spindle Size

No Load Speed (RPM)

Sound Pressure Level

Dimensions (L x W x H)

**Sound Power Level** 

Vibration Level

Net weight

5.0Ah

DUR192L RT

INCLUDES 1 BATTERY / 1 CHARGER (DOES NOT INCLUDE CARRY CASE)

**Cordless Grass Trimmer** 

Powerful, Lightweight and Ergonomical brushless motor • Cost competitive model with increased output power, the switch and protector are

simplified by specializing this trimmer for use with nylon cutting head only

• Split type shaft allows for smaller package, which is suitable for online delivery or space

saving storage and display at retailer

Better maneuverability through lightweight and more powerful cutting performance than

300 mm

M10 x 1.25 LH

74.8 dB(A)

87.8 dB(A)

3.0 kg

High / Low: 0 - 4.500 / 0 - 6.000

Front / Rear: 2.5 / 2.5 m/s or less

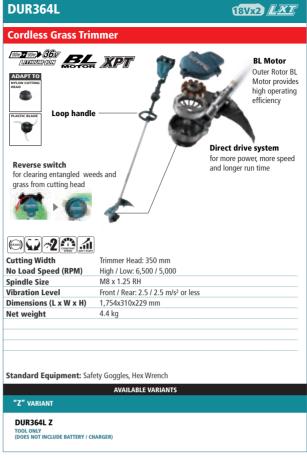
"Z" VARIANT

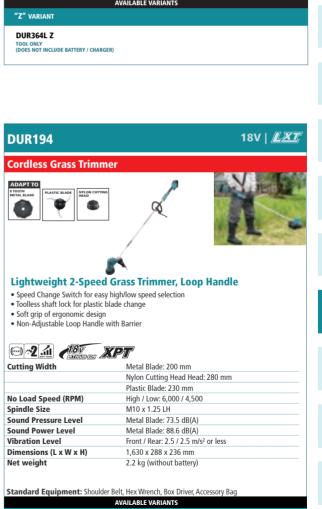
DUR192L Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

1.670 x 186 x 246 mm

Standard Equipment: Band Assembly, Hex Wrench





"7" VARIANT

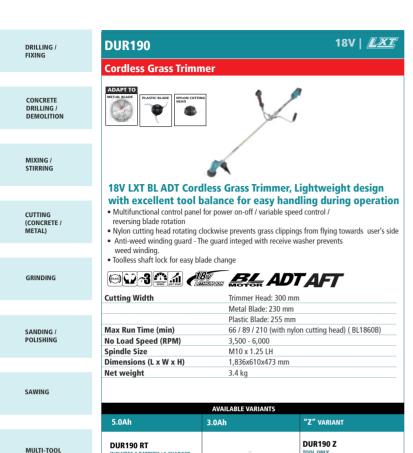
**DUR194 Z** 

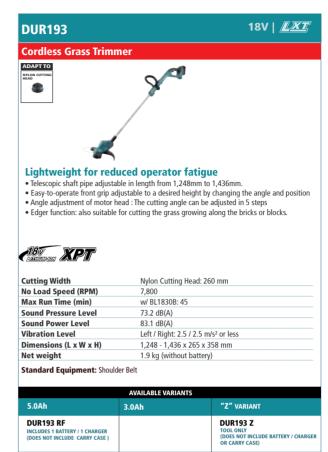
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

SANDING / POLISHING SAWING MULTI-TOOL ROUTERS / PLANERS NAILERS / STAPLERS HEAT GUN / CLEANING OPE JOBSITE TOOLS SPECIALTY TOOLS TOOL HOLDERS

HAND TOOLS /
COMBINATION SET

AND POUCHES / MAKPAC SYSTEM





ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

SPECIALTY TOOLS

JOBSITE TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### 18V LXT BL ADT Cordless Grass Trimmer, Short Telescopic Pipe, **Loop Handle (3 Speed Control)**

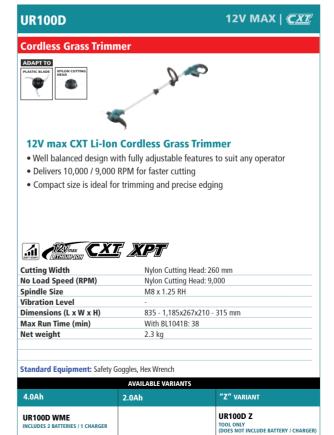
- Comfortable short telescopic pipe provides easy handling in tight spaces Multifunctional control panel for power on-off / variable speed control /
- reversing blade rotation
- Nylon cutting head rotating clockwise prevents grass clippings from flying towards user's side

	18V	BL AD	7

Cutting Width	Trimmer Head: 300 mm
No Load Speed (RPM)	High / Medium / Low / ADT Mode:
	6,000 / 5,000 / 4,000 / 4,000 - 6,000
Spindle Size	M8 x 1.25 RH
Vibration Level	Front / Rear: 2.1 / 1.6 or less
Dimensions (L x W x H)	1,518-1,618x258x369 mm
Max Run Time (min)	with BL1850B: 139
Net weight	3.4 kg

Standard Equipment: Safety Goggles, Hex Wrench

AVAILABLE VARIANTS			
5.0Ah	3.0Ah	"Z" VARIANT	
-	DUR189 RFE INCLUDES 2 BATTERIES / 1 CHARGER	DUR189 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	



UR100D Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### RST250 24.5mL

## **Petrol String Trimmer**



## Light weight and handy string trimmer.

- Automatic / bump line feed trimmer head.
- Low noise and vibration.
- Solid state ignition for easy starting.
- Carburetor : Diaphragm-type, Ignition system : Solid state ignition.

## Pocoi

Displacement	24.5 mL
Power rating	0.95KW / 1.3PS
Fuel tank	0.5L
Fuel mixture	25 : 1
Dimensions	1,490mm x 300mm x 485mm
Net weight	4.2kg (9.2lbs)

## EM2650UH 25.4mL-4stroke

#### **Petrol Brush Cutter**



## Maneuverable pole and handle.

- Ergonomically designed rubberized soft grip provides more control and comfort.
- Universal guard for both saw blade and Nylon cutter.
- Light weight.
- No choke at staring engine.
- Good oil maintenance feature.

# PCOI Makita mini 4 Stroke Engine

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Spindle size	M10 X 1.25LH
Dimensions	1,765 x 620 x 474mm
(L x W x H)	(69-1/2" x 24-3/8" x 18-2/3")
Net weight	5.5kg (12.14lbs)

Standard Equipment: Socket Wrench, Hex Wrenches

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## EM4350RH 43.0mL 4-stroke (Multi-position)

### **Petrol Backpack Brush cutter**

Standard Equipment: Tool kit.





## 43.0ml 4-stroke backpack brushcutter for real professionals

- The flexible shaft between engine and shaft allowing efficiently work on slops undulating ground or in narrow space.
- Professional-user type for superior maneuverability for heavy-duty applications in forestry and construction site area.
- Able to start/stop engine while carrying machine.
- $\bullet$  Less recoil pulling power by mechanical decompression.
- Low vibration.



Standard Equipment: Tool set

Displacement	43.0mL
Engine power	1.5kW / 2.1PS
Fuel tank	0.8L
Spindle size	M10 x 1.25LH
Sound pressure level	93dB(A)
Sound power level	111dB(A)
Vibration level Front handle	3.4m/s <sup>2</sup>
Vibration level Rear handle	2.4m/s <sup>2</sup>
Dimensions (L x W x H)	358x280x587mm (14-1/8"x11"x23-1/8")
Net weight	12.0kg (26.6lbs)

## **EE2650H** 25.4mL 4-stroke (Multi-position)

## Petrol Edger





# Equipped with environment-friendly and cost-saving 25.4cc 4-stroke engine.

- $\bullet \ \, \text{Multi-position engine lubrication system}.$
- Straight shaft (solid shaft).
- Plate on gear housing for protection against contact to concrete etc.

500 ISTION ENGINE
500 ENGIN

Displacement	25.4mL
Engine power	0.77kW / 1.1PS
Fuel tank	0.6L
Sound pressure level	88.6dB(A)
Sound power level	98.4dB(A)
Vibration level Front handle	3.7m/s <sup>2</sup>
Vibration level Rear handle	8.8m/s <sup>2</sup>
Dimensions (L x W x H)	1,773x242x315mm (69-3/4"x9-1/2"x12-3/8")
Net weight	6.6kg (14.6lbs)

Standard Equipment: Socket wrench, Hex wrench



# Lawn Mowers

MODEL#	VOLTS	DECK	CUTTING CAPACITY (mm)	BATTERY SLOT	BL MOTOR	ТҮРЕ	MOWING AREA (VALUES ARE WITH PUSH TYPE)	DISCHARGE TYPE
LM004J	64V MAX	Steel	534	1 Cl -+	<b>√</b>	Self Propelled	3,800 m <sup>2</sup> (WITH BL64100 / 10.Ah)	Rear   Side
LM002J	64V MAX	Plastic	534	1 Slot (parallel)	<b>✓</b>	-	1,600 m <sup>2</sup> (WITH BL6440 / 4.0.Ah)	Rear
LM001J	64V MAX	Plastic	480	., ,	<b>✓</b>	-	1,400 m <sup>2</sup>	Rear
LM002G	40V MAX	Steel	534	2 Slot (parallel)	<b>√</b>	Self Propelled	3,400 m <sup>2</sup> (WITH BL4080F x2 / 8.0.Ah)	Rear   Side
LM001C	Connection Cord	Steel	534	-	<b>√</b>	Self Propelled	6,900 m <sup>2</sup> (WITH PDC1200)	Side
DLM533	18V X 2LXT	Aluminium	534		<b>√</b>	Self Propelled	2,300 m <sup>2</sup> (WITH BL1860B x4 / 6.0.Ah)	Rear
DLM532	18V X 2LXT	Steel	534	4 Slot (parallel)	<b>√</b>	Self Propelled	2,300 m <sup>2</sup> (WITH BL1860B x4 / 6.0.Ah)	Side
DLM531	18V X 2LXT	Steel	534	(	<b>√</b>	-	2,300 m <sup>2</sup> (WITH BL1860B x4 / 6.0.Ah)	Side
DLM539	18V X 2LXT	Plastic	534		-	Self Propelled	800 m <sup>2</sup> (WITH BL1860B x2 / 6.0.Ah)	Rear
DLM538	18V X 2LXT	Plastic	534	2 Slot	-	-	800 m <sup>2</sup> (WITH BL1860B x2 / 6.0.Ah)	Rear
DLM481	18V X 2LXT	Plastic	480	2 3101	-	Self Propelled	800 m <sup>2</sup> (WITH BL1860B x2 / 6.0.Ah)	Rear
DLM480	18V X 2LXT	Plastic	480		-	-	800 m <sup>2</sup> (WITH BL1860B x2 / 6.0.Ah)	Rear
DLM460	18V X 2LXT	Steel	460		<b>✓</b>	-	800 m <sup>2</sup> (WITH BL1860B x2 / 6.0.Ah)	-
DLM431	18V X 2LXT	Plastic	430	2 Slot	-	-	475 m <sup>2</sup> (WITH BL1850B x2 / 5.0.Ah)	-
DLM382	18V X 2LXT	Plastic	382		-	-	560 m <sup>2</sup> (WITH BL1860B x2 / 6.0.Ah)	-
DLM330	18V LXT	Plastic	330	1 Slot	-	-	450 m <sup>2</sup> (WITH BL1860B x1 / 6.0.Ah)	-



The 64V Max range from Makita is a high voltage lithium-ion battery platform which is powered exclusively by 64V max lithium ion battery

Please note that 64V max Battery is exclusively designed for 64v max range of tools and it is not interchangeable with any other battery platform tools.



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

LM004J - 530mm **64V MAX** 

## **Cordless Lawn Mower**

Steel Deck | Self Propelled | Rear & Side Discharge







## 530mm High power Cordless Lawnmower, Powered by 64Vmax Li-Ion battery

- Lightweight design with a plastic cutting deck for increased maneuverability
- 3 in 1 (Cutting, Collecting, Mulching)
- 3 cutting modes (Normal/ Soft no-load/ Noise reduction)
- Foldable handle for quick and compact storage
- Grass box with grass level indicator
- Single-lever cutting height adjustment
- Child lock key
- 2-speed mode
- IPX4 : water resistant



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Cutting width	with BL64100 (push drive)
Cutting height adjustment	Adjustment range: 20 - 100 mm, Stage: 10
No load speed (RPM)	Normal mode: 2,800, Soft no-load mode: 2,300 - 2,800
	Noise reduction mode: 2,300
Grass box	Capacity: 70 L
Vibration level	2.5 m/s² or less
Measured sound power level	91 dB(A)
Sound pressure level	82 dB(A)
Dimensions (L x W x H)	1,740 - 1,810 x 595 x 970 - 1,080 mm
Net weight	31.5kg (without battery)

Standard Equipment: Blade, Mulching plug, Socket wrench, Rod, Discharge chute,

10.0Ah	"Z" VARIANT
LM004J B1 1PC BATTERY + 1 CHARGER	LM004J Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

LM002J - 530mm **64V MAX Cordless Lawn Mower** 

Plastic Deck | Push Type | Rear Discharge





1,600 m<sup>2</sup>

#### 530mm High power Cordless Lawnmower, Powered by 64Vmax Li-Ion battery

- Lightweight design with a plastic cutting deck for increased maneuverability
- 3 in 1 (Cutting, Collecting, Mulching)
- 3 cutting modes (Normal/ Soft no-load/ Noise reduction)
- Foldable handle for guick and compact storage
- Grass box with grass level indicator
- Single-lever cutting height adjustment
- Child lock key
- 2-speed mode

Cu

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So Di

• IPX4 : water resistant

(CAVITATE BLA XPT SOFT



	with BL6440 (push drive)
utting Width	534 mm
utting Height	20 - 100 mm
rass Box capacity	70 L
o Load Speed (RPM)	Standard Mode: 2,800
	Soft No-Load Mode: 2,300 - 2,800
	Low Noise Mode: 2,300
ound Pressure / Power Level	82.1 dB(A) / 91.6 dB(A)
bration Level	2.5 m/s² or less
imensions (L x W x H)	1,710 - 1,800 x 585 x 985 - 1,115 mm
et weight	25.4 kg (without battery)

Standard Equipment: Blade, Mulching Plug, Box Wrench, Rod

AVAILABLE VARIANTS		
4.0Ah		
LM002J M1 1PC BATTERY + 1 CHARGER		

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM LM001J - 480mm

**64V MAX** 

#### 64V MAX - Cordless Lawn Mower

Plastic Deck | Push Type | Rear Discharge



# 480mm High power Cordless Lawnmower, Powered by 64Vmax Li-lon battery

- Lightweight design with a plastic cutting deck for increased maneuverability
- 3 in 1 (Cutting, Collecting, Mulching)
- 3 cutting modes (Normal/ Soft no-load/ Noise reduction)
- Foldable handle for quick and compact storage
- Grass box with grass level indicator
- Single-lever cutting height adjustment
- Child lock key | 2-speed mode | IPX4 : water resistant



34 min

n ode: 3,200 d Mode: 2,500 - 3,200
d Mode: 2,500 - 3,200
lode: 2,500
92.5 dB(A)
ess
0 x 530 x 930 - 1,050 mm
hout battery)

4.0Ah

LM001J M1

## **LM001C -** 534mm

**Cordless Lawn Mower Powered by Portable Power Pack Units** 

Steel deck | Self-propelled type | Side Discharge

## Provides longer runtime to get through the largest jobs Achieved by connecting directly through power pack units

- $\bullet$  Mowing area Up to  $5{,}100m^2$  or over 1 acre worth of runtime with PDC1200 (self-propelled mode)
- 3 cutting modes to suit the working environment
- Self-propelled type with variable speed control allowing you to select the accurate speed between 2.5km/h to 5.0km/h
- Optimum blade design for less rotational speed reduction of the blade
- Cutting height is adjustable by one handle



**Cutting Width** 534 mm (21") with PDC1200 (push d **Cutting Height** 20 - 100 mm **Grass Box Capacity** 70 L 2.300 - 2.800 No Load Speed (RPM) **Propelling Speed** 2.5 - 5.0 km/h 80.0 dB(A) Sound Pressure Level Sound Power Level 91.2 dB(A) Vibration Level 2.5 m/s<sup>2</sup> or less Dimensions (L x W x H) Net weight 1,630 - 1,715 x 590 x 990 - 1,095 mm 40.7kg (only Lawn Mower)

150 min

AVAILABLE VARIANTS
"Z" VARIANT

TOOL ONLY (DOES NOT INCLUDE PORTABLE POWER PACK

LM001C Z

oush drive

PDC1200

PDC01
4 x 18V LXT battery

A x 18V LXT battery

WETGUARD
WETGUARD / IPX4

High water-resistance
allows to operate the
machine even if it is
wet with water

LM001C + PDC1200 only

36V (

**Works with Portable** 

**Power Pack Units** 

PDC1200 or PDC01

(sold seperately)

	with PDC1200	with PDC01
Actual Mowing Area	Self-Propelled: 5,100 m <sup>2</sup>	Self-Propelled: 1,700 m <sup>2</sup>
	push-drive: 6,900 m <sup>2</sup>	push-drive: 2,300 m <sup>2</sup>
Continuous Use (min.)	Self-Propelled: 120	Self-Propelled: 40
	push-drive: 150	push-drive: 50

\* the above values are calculated with 2-tooth blade



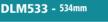
## **4 battery slots Lawn Mower for continuous** opeartion

Long continuous operation time achieved by parallely connecting two pairs of 18V LXT Li-Ion batteries connected in series



Only for models DLM533, DLM532, DLM531





the run time

**Cutting Width Cutting Height** 

**Deck Type** 

No. of stages No Load Speed (RPM)

"Z" VARIANT

/UniiUM#ON

Propelling speed

Dimensions (L x W x H) Net weight

• 3 in 1 (Cutting, Collecting, Mulching) • Grass box with grass level indicator

• Single-lever cutting height adjustment

• Child lock key and 2-speed mode • IPX4 : water resistant

Built-in ball bearing on axles for added durabil

Standard Equipment: Mulch Plug, Socket Wrench, Rod

Cordless Lawn Mower with 4 battery slots Aluminium Deck | Self Propelled | Rear Discharge



4 battery slots

300 m

with BL1860B x 4 (push drive)

**54** min

18Vx2

OPE

JOBSITE TOOLS

DLM533 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

20 - 100 mm

Aluminium

10 stages

47.9 kg

AVAILABLE VARIANTS

2,300 - 2,800

2.5 - 5.0 km/h

1,655-1,740x590x990-1,100 mm

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

DRILLING / FIXING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

PLANERS NAILERS /

STAPLERS

ROUTERS /

HEAT GUN /

CLEANING

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING /

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

DLM532 - 534mm

18Vx2 /LXT

#### **Cordless Lawn Mower with 4 battery slots**

Steel Deck | Self Propelled | Side Discharge 4 battery slots

#### Powered by two 18V LXT Batteries. Holds 4 batteries for twice the run time

- Optimum blade design for less rotational speed reduction of the blade
- Enhanced rigidity of handle
- Grass box with grass level indicator
- Single-lever cutting height adjustment
- · Built-in ball bearing on axles for added durability
- Child lock key
- 2-speed mode @ **~2** <u>~1</u> <u>~1</u>



**54** min

NITTULE POLICE NO LOAD

Cutting wiath	534 MM	with BL1860B x 4
Cutting Height	20 - 100 mm	(push drive)
Deck Type	Steel	
No. of stages	10 stages	
No Load Speed (RPM)	2,300 - 2,800	
Propelling speed	2.5 - 5.0 km/h	
Dimensions (L x W x H)	1,630-1,715x590x99	0-1,095 mm
Net weight	42.9 kg	

**Standard Equipment:** Mulch Plug, Side Discharge Mouth, Socket Wrench, Rod

#### AVAILABLE VARIANTS

## "Z" VARIANT DLM532 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

DLM531 - 534mm

18Vx2 /LXT

2.300 m

#### Cordless Lawn Mower with 4 battery slots

Steel Deck | Push Type | Side Discharge



## Powered by two 18V LXT Batteries. Holds 4 batteries for twice

- the run time
   Optimum blade design for less rotational speed reduction of the blade
- Enhanced rigidity of handle
- Grass box with grass level indicator
- Single-lever cutting height adjustment
- Built-in ball bearing on axles for added durability
- Child lock key





54min with BL1860B x 4 (push drive) **Cutting Width** 534 mm **Cutting Height** 20 - 100 mm Deck Type Steel No. of stages 10 stages No Load Speed (RPM) 2.300 - 2.800 2.5 - 5.0 km/h Propelling speed Dimensions (L x W x H) 1.630-1.715x590x990-1.095 mm Net weight 38.3 kg

Standard Equipment: Side Discharge, Socket wrench

## AVAILABLE VARIANTS

"Z" VARIANT DLM531 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES

DLM539 - 534mm 18Vx2 /LXT **Cordless Lawn Mower** Plastic Deck | Self Propelled | Rear Discharge Plastic Cutting Deck allows for lightweight design to increase

## maneuverability in turns, preparation, storage and more.

- Multi-purpose 2-tooth blade for mowing and mulching
- Grass box with grass level indicator
- Single-lever cutting height adjustment • Built-in ball bearing on axles for added durability
- Child lock key



with BL1860B x 2 (push drive)

Cutting Width	534 mm
Cutting Height	20 - 100 mm
Deck Type	Plastic
No. of stages	10 stages
No Load Speed (RPM)	3,800
Propelling speed	2.5 - 5.0 km/h
Dimensions (L x W x H)	1,810 - 1,870 x 580 x 920 - 1,040 mm
Net weight	29.1 kg

Standard Equipment: Mulch Plug, Socket Wrench, Rod		
AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DLM539 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER	DLM539 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

DLM538 - 534mm 18Vx2 Cordless Lawn Mower Plastic Deck | Push Type | Rear Discharge

## Plastic Cutting Deck allows for lightweight design to increase maneuverability in turns, preparation, storage and more.

- Multi-purpose 2-tooth blade for mowing and mulching
- · Grass box with grass level indicator
- · Single-lever cutting height adjustment
- Built-in ball bearing on axles for added durability
- Child lock key





XPT SOFT

with BL1860B x 2 (push drive)

Cutting Width	534 mm
Cutting Height	20 - 100 mm
Deck Type	Plastic
No. of stages	10 stages
No Load Speed (RPM)	3,800
Propelling speed	-
Dimensions (L x W x H)	1,810 - 1,870 x 580 x 920 - 1,040 mm
Net weight	26.7 kg

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DLM538 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER	DLM538 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING



Plastic Cutting Deck allows for lightweight design to increase maneuverability in turns, preparation, storage and more.

- Multi-purpose 2-tooth blade for mowing and mulching
- Grass box with grass level indicator
- · Single-lever cutting height adjustment
- Built-in ball bearing on axles for added durability
- Child lock key



28 min



Cutting Width	480 mm	ZOmin	
Cutting Height	20 - 100 mm	with BL1860B x 2	
Deck Type	Plastic	(push drive)	
No. of stages	10 stages		
No Load Speed (RPM)	3,100		
Propelling speed	2.5 - 5.0 km/h		
Dimensions (L x W x H)	1,690 - 1,740 x 530 x 930 - 1,060 mm		
Net weight	28 kg		

Standard Equipment: Mulch Plug, Socket Wrench, Rod

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DLM481 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER	DLM481 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	



Plastic Cutting Deck allows for lightweight design to increase maneuverability in turns, preparation, storage and more.

- Multi-purpose 2-tooth blade for mowing and mulching
- Grass box with grass level indicator
- Single-lever cutting height adjustment

(Intelligent No. 100 Apr SOFT

- · Built-in ball bearing on axles for added durability
- Child lock key

**Cutting Width** 

Cutting Height



**28**min

with BL1860B x 2 (push drive)

SAWING

SANDING / POLISHING

MULTI-TOOL

Deck Type No. of stages 10 stages No Load Speed (RPM) 3 100 Propelling speed 1,690 - 1,740 x 530 x 930 - 1,060 mm Dimensions (L x W x H) Net weight Standard Equipment: Mulch Plug, Socket Wrench, Rod AVAILABLE VARIANTS 5.0Ah DLM480 PT2
MCI IIDES 2 BATTERIES / 1 TWO PORT CHARGER DLM480 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

480 mm

Plastic

20 - 100 mm

# DLM460 - 460mm 18Vx2 **Cordless Lawn Mower** Steel Deck | Push Type

## 18vx2 460mm Cordless Lawn Mower with better usability.

- 3 in 1 (Cutting, Collecting, Mulching)
- Grass box with grass level indicator
- Single-lever cutting height adjustment
- Built-in ball bearing on axles for added durability
- Child lock key
- 2-speed mode
- IPX4 : water resistant



21<sub>min</sub>

2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	SOFT XPT	21min
Cutting Width	460 mm	with BL1860B x 2 (push drive)
Cutting Height	20 - 75 mm	,
No Load Speed (RPM)	2,500 - 3,300	
Recommended mowing area	6.0Ah x2: 800 - 1,600 m <sup>2</sup> / 5	.0Ah x2: 680 - 1,360 m <sup>2</sup>
Continuous Use (min.)	6.0Ah: 21min / 5.0Ah: 18min / 3.0Ah: 10min	
Dimensions (L x W x H)	During operation: 1,319-1,5	18x532x879-1,138 mm
Net weight	27.6 kg	

Standard Equipment Cocket wrong

			******	
		AVAILABLE	VARIANTS	
"Z" VARIANT				
- VAIUAITI				
DLM460 Z				
TOOL ONLY				
(DOES NOT INCLUDE	BATTERY / CHA	RGER)		



## 18vx2 430mm Cordless Lawn Mower with better usability.

- Grass box with grass level indicator
- Single-lever cutting height adjustment
- Built-in ball bearing on axles for added durability
- Child lock key
- 2-speed mode



MANUTURE NO.	PET XPT
Cutting width	430mm (1
Contain on the Locket	20.75

III VICTORIAN NOLOAD XPT		30 <sub>min</sub>
Cutting width	430mm (17")	with BL1850B x 2
Cutting height	20-75mm	(push drive)
No load speed (rpm)	3,600	,
Recommended mowing area	500-1,000m <sup>2</sup>	
Grass box capacity	50L	
Dimensions (L x W x H)	1,450x460x950mm	
Max output	730W	
Net weight	18.0kg	

Standard Equipment: Socket wrench		
AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DLM431 PT2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER	DLM431 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES

NAILERS /

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM Wheel Size Front / Rear

Sound Pressure Level

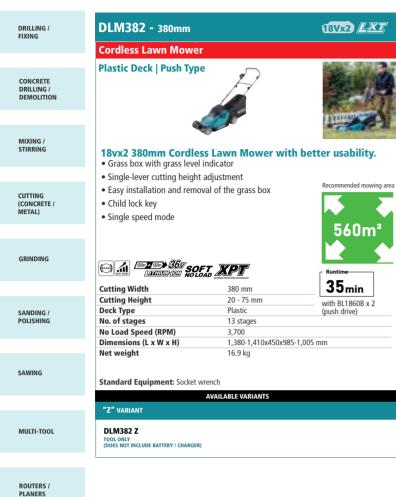
Dimensions (L x W x H)

Standard Equipment: Blade, Wrench

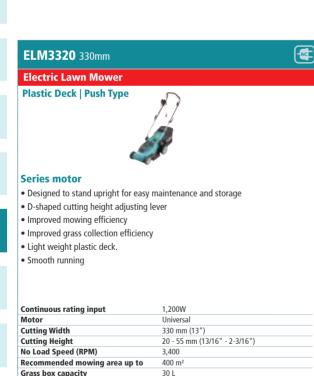
Sound Power Level

**Vibration Level** 

Net weight







139 / 178 mm (5-1/2 / 7")

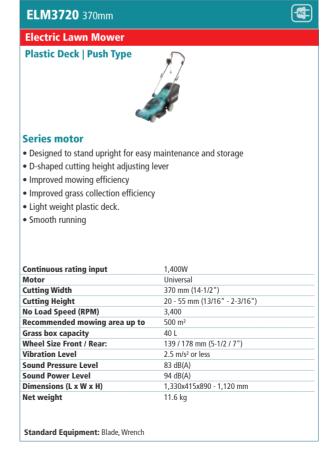
1,230x380x870 - 1,100 mm

2.5 m/s<sup>2</sup> or less

83 dB(A)

94 dB(A)

10.2 kg



#### PLM4120N 410mm

#### **Petrol Lawn Mower**

Steel Deck | Push Type



#### Increased maneuverability.

- Light weight grass box.
- Cutting height can be adjusted at 5 stages by one handle.
- Large throttle knob is easy to grip.
- Rubber tire for gripping lawn.
- Plastic front cover protects the steel deck.



Engine	B&S500E, 140mL
Cutting width	410mm (16-1/8")
Cutting height	25, 31, 43, 56, 70mm
Recommended mowing area	1,000m²
Grass box capacity	50L
Dimensions (L x W x H)	760 x 500 x410mm
Net weight	26.0kg (57.3lbs)

#### PLM4620N2 460mm

#### **Petrol Lawn Mower**

Steel Deck | Push Type



#### Powerful engine and more efficient performance

- Powerful Briggs & Stratton Engine with ReadyStart function for Easy Start
- Edge trimming feature: able to cut close to walls and around obstacles obtained by offsetting blade position
- 2-in-1 feature for mulching and rear-discharging
- Ergonomic handle and soft grip for easy maneuvering
- Brake for maximum productivity and increased operator safety
- Single-lever cutting height adjustment with 5 positions



	27.6 kg
Net weight	800x540x400mm
Dimensions (L x W x H)	60L
Grass box capacity	1,200m2
Recommended mowing area	Push type
Cutting height	25, 31, 43, 56, 70mm
Cutting width	460mm
Engine	B&S625E R/S, 150mL

Standard Equipment: Mulch Plug

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### PLM4621N2 460mm

Standard Equipment: Muching Plug

#### **Petrol Lawn Mower**

Steel Deck | Self propelled



#### Self propelled, Powerful engine and more efficient performance

- $\bullet$  Powerful Briggs & Stratton Engine with ReadyStart function for Easy Start
- Edge trimming feature: able to cut close to walls and around obstacles obtained by offsetting blade position
- 2-in-1 feature for mulching and rear-discharging
- Ergonomic handle and soft grip for easy maneuvering
- Brake for maximum productivity and increased operator safety
- Single-lever cutting height adjustment with 5 positions



Engine	B&S650EXI R/S, 163mL
Cutting width	460mm
Cutting height	25, 31, 43, 56, 70mm
Propelling speed	Self propelling (1 speed)
Recommended mowing	1,400m2
Grass box capacity	60L
Dimensions (L x W x H)	800x540x410mm
Net weight	31.0 kg

Standard Equipment: Mulch Plug.

#### PLM5113N2 510mm

#### **Petrol Lawn Mower**

Steel Deck | Self propelled



#### Self propelled, Powerful engine and more efficient performance

- $\bullet$  Powerful Briggs & Stratton Engine with ReadyStart function for Easy Start
- Edge trimming feature: able to cut close to walls and around obstacles obtained by offsetting blade position
- $\bullet$  3-in-1 feature for mulching and rear-discharging and side discharging
- Ergonomic handle and soft grip for easy maneuvering
- Brake for maximum productivity and increased operator safety
- Single-lever cutting height adjustment with 5 positions

Engine	B&S675EX1 R/S, 163mL
Cutting width	510mm
Cutting height	25, 31, 40, 53, 70mm
Propelling speed	Self propelling (3 speed)
Recommended mowing	2,000m <sup>2</sup>
Grass box capacity	65L
Dimensions (L x W x H)	890x570x440mm
Net weight	36ka

Standard Equipment: Mulch Plug.



# **Blowers**

## **Cordless Blowers Comparison Chart**

	UBO02C	UB001C	UBOO1G	DUB363	<b>DUB362</b> <i>□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□</i>	DUB361	DUB184	DUB187
BLOWING FORCE	22N	20N	17N	14.4N	14.4N	-	10.9N	4.2N
MAX. AIR VELOCITY	<b>71</b> <sub>m/s</sub>	70m/s	64m/s	65m/s	54 <sub>m/s</sub>	93 <sub>m/s</sub>	<b>52.1</b> <sub>m/s</sub>	64 <sub>m/s</sub>
MAX. AIR VOLUME	19m³/min	17.6 <sub>m³/min</sub>	16m³/min	13.4m³/min	13.4 <sub>m³/min</sub>	4.4m³/min	13m³/min	4.2 <sub>m³/min</sub>
NOISE LEVEL	95.5 <sub>dB(A)</sub>	92.9 <sub>dB(A)</sub>	90ав(а)	96ав(а)	94 <sub>dB(A)</sub>	94.7 <sub>dB(A)</sub>	94 <sub>dB(A)</sub>	94.3 <sub>dB(A)</sub>
<b>NET WEIGHT</b> (without battery)	7.1 <sub>Kg</sub>	2.1 <sub>Kg</sub>	2.6кд	3.5 <sub>Kg</sub>	3.5кд	2.5kg	2.4 <sub>Kg</sub>	3.3кց
BOOST MODE	Х	4	4	Х	Х	Х	Х	Х
CRUISE CONTROL	4	4	4	4	Х	Х	4	4

#### **UB001G** 40V MAX | (XS)

#### **Cordless Blower**





#### Enough power to tackle any job, BL motor provides powerful blowing force Max 17N (with Boost Mode)

- In Boost mode, 17N max blowing force is always available
- High water-resistance (Wet Guard/ IPX4 compatible)
- · High power and less user fatigue
- Compact and lightweight for single handed operation power leve



	40 Thank BL WG	
--	----------------	--

Max Air Volume	CCMode: 0 - 13.5 m³/min   Boost Mode: 16.0 m³/min		
Max Air Velocity	CCMode: 0 - 53 m/s   Boost Mode: 64 m/s		
Avg. Air Velocity	CCMode: 0 - 44 m/s   Boost Mode: 53.5 m/s		
Blowing Force	CCMode: 0 - 12N  Boost Mode: 17N		
No Load Speed (RPM)	CCMode: 0 - 20,000   Boost Mode: 23,000		
Sound Pressure Level	83.7 dB(A)		
Sound Power Level	94.1 dB(A)		
Vibration Level	2.5 m/s² or less		
Dimensions (L x W x H)	960 - 1,017 x 167 x 297 mm		
Net weight	2.6 kg (without battery)		

Continous use minutes: 15 - 8 mins (Cruise control mode: 0-max/ Boost mode)(with 5.0Ah battery) For longer runtime, pair the XGT blower with optional portable power source unit PDC1200 OR PDC01

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
UB001G M1 - 1PC OF BL4040 XGT BATTERY - FAST CHARGER DC40RA	UB001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

## **UB002C** Cordless Backpack Blower





Works with Portable Power Pack Units PDC1200 or PDC01 (sold seperately)

36V | 🗫

#### High power similar to 53cc engine backpack blower delivers high blowing force of 22 N for heavy debris

- Reduced user's arm fatigue from long continuous operation, due to the weights of the battery and the tool body transferred from the arm to back
- Low noise level with sound absorbing materials
- 3-stage telescopic long nozzle
- Variable speed control by trigger plus Cruise control lever
- The grip position is adjustable forward/ backward and left/right to suit user's size or work posture





Max Air Volume	w/ End nozzle: 0 - 19.0 m /min; w/ Flat nozzle: 0 - 17.9 m /min
Max Air Velocity	w/ End nozzle: 0 - 71.7 m/s; w/ Flat nozzle: 0 - 76.0 m/s
Blowing Force	0 - 22.0 N
No load speed (RPM)	0 - 22,000
Continuous run time	78 min
Vibration level	2.5 m/s or less
Sound pressure level	80.9 dB(A)
Sound power level	95.5 dB(A)
Dimensions (L x W x H)	w/o Nozzle: 267 x 565 x 715 mm; w/ Nozzle: 1,368 x 694 x 715 mm
Net Weight	7.1 kg (without battery pack)

## "Z" VARIANT

#### UB002C Z

TOOL ONLY (DOES NOT INCLUDE PORTABLE POWER PACK UNIT)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### 36V | 🖘 **UB001C**

#### **Cordless Blower**



Works with Portable **Power Pack Units** PDC1200 or PDC01 (sold seperately)

#### Provides longer runtime to get through the largest jobs Achieved by connecting directly through power pack units

- Enough power to tackle any job, Powerful blowing force Max 20N 70 m/s max air velocity | 17.6m³/min max air volume
- Less user fatigue due to the battery weight transferred from the tool body to the portable power pack on user's back
- Low noise level; Smoother air ow, which is achieved by redesigning the position of controller and the air intake port, decreases noise while increasing blowing force



CCMode: 0 - 15.0 m³/min   Boost Mode: 17.6 m³/min
CCMode: 0 - 60 m/s   Boost Mode: 70 m/s
CCMode: 0 - 50 m/s   Boost Mode: 58 m/s
CCMode: 0 - 15N Boost Mode: 20N
CCMode: 0 - 21,000   Boost Mode: 24,000
83.4 dB(A) / 91.4 dB(A)
2.5 m/s² or less
960 - 1,060 x 295 x 180 mm
2.1 kg

#### AVAILABLE VARIANTS

#### "7" VARIANT

#### UB001C Z

TOOL ONLY (DOES NOT INCLUDE PORTABLE POWER PACK UNIT)

**DUB362 Cordless Blower** 







18Vx2

#### 18V X2 (36V) LXT BL Brushless Cordless Variable 6-Speed **Blower**

- Our most powerful cordless blower yet: Amazing 54 m/s & 13.4 m³/min operation
- Delivers up to 28 minutes of run time at 15,800RPM using 5.0Ah batteries
- 6-Stage air velocity/volume selection dial with variable speed control trigger
- 3-Stage telescopic long nozzle with adjustment range of 100 mm for user

Convenience		
SOFT START CONSTRACT SPEED	1997 <b># 1997 &gt; 36</b> 77 [U <b>ITHUM</b> H <u>O</u> M	BL XP1

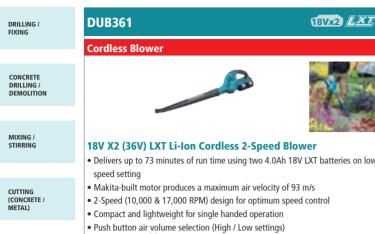
Air volume	6.9-13.4m³/min
Air speed	27-54m/s
No load speed (rpm)	11,400-21,500
Sound power level	96dB(A)
Vibration level	0.3m/s <sup>2</sup>
Dimensions (L x W x H)	830-930x205x295mm
Net weight	3.5kg
Net weight	3.5Kg

	VARIANTS	

"Z" VARIANT
-------------

#### DUB362 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)



MULTI-TOOL

ROUTERS / PLANERS

• Delivers up to 73 minutes of run time using two 4.0Ah 18V LXT batteries on low 2 Commence Selection SPT GRINDING Air volume Hi: 4.4m³/min / Lo: 2.3m³/min Air speed Hi: 93m/s Lo: 57m/s No load speed (rpm) Hi: 17,000 / Lo: 10,000 Sound pressure level 82.3dB(A) SANDING / POLISHING Sound power level 94 7dR(A) 905 x 141 x 194mm Dimensions (L x W x H) Net weight 2.5kg Standard Equipment: Nozzle, Shoulder belt. SAWING AVAILABLE VARIANTS "Z" VARIANT DUB361 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)



## NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

SPECIALTY TOOLS

JOBSITE TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



75 - 30 BL1850B x2

#### Incredibly high power over 25mL engine blower

- Powerful: Amazing 65 m/s operation
- Variable trigger switch + Cruise control lever allows you to lock the variable speed control trigger at the desired power level.
- Mulching function: A shredding blade cuts sucked fallen leaves into fi`ne mulch
- Motor interlock system: The motor does not start up until the nozzle and fan cover have been properly installed
- 3-stage telescopic long nozzle with adjustment range of 100mm

Max Air Volume 13.4 m³/min (Blower) / 12.7 m³/min (Vacuum)		
Max Air Velocity	x Air Velocity 3.2kPa (Blower)	
Max sealed suction	65 m/s (Vacuum)	
Blowing Force	14.4N	
No Load Speed (RPM)	0 - 7,850	
Vibration level	0.8m/s <sup>2</sup>	
Sound power level	96dB(A)	
Dimensions (L x W x H)	w/ 3-Stage Telescopic Long Nozzle: 737/786/836x200x415 mm	
Net weight	3.5 kg (without battery)	

Standard Equipment: Nozzle, Vacuum Kit, Shoulder belt.

	AVAILABLE VARIANTS
"Z" VARIANT	
DUB363 ZV TOOL +VACUUM KIT (DOES NOT INCLUDE BATTERY / CHARGER)	

#### **DUB187**

18V | /LXT

#### Cordless Blower + Vacuum





#### Compact solution with high power

- Switching between Blowing and Vacuuming is made easy with a simple switch lever without changing any bag or nozzle
- Blower nozzle is mounted with wheels at the base to reduce the weight that user feels in their hand during operation



No Load Speed (RPM)	9,000 - 13,500
Dust Bag Capacity	25 L
Max Air Volume	Blower: 4.2 m /min; Vacuum: 6.1 m /min
Max Air Velocity	Blower: 64.0 m/s
Blowing Force	4.2N
Max sealed suction	Vacuum: 3.3 kPa
Sound pressure level	81.8 dB (A)
Sound power level	94.32 dB (A)
Vibration Level	2.5 m/s or less
Dimensions (LxWxH)	1,168 x 164 x 416 mm
Net weight	3.32 kg (without battery)

Standard Equipment: Nozzle, Hex Wrench, Dust bag

TO HE SEE THE SEE		
5.0Ah	"Z" VARIANT	
<b>DUB187 T002</b> 1 BATTERY + 1 FAST CHARGER	DUB187 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

## DUB184 18V | <u>LXI</u>

#### **Cordless Blower**



#### 18V LXT Li-Ion Powerful Cordless blower with BL motor

- Ideal for clearing fallen leaves on pavement, grass and hedge clippings or other light debris
- Efficient clearing thanks to a high-efficiency axial fan similar to that of 18Vx2 LXT model DUB362
- Variable speed control by trigger, with Cruise control lever for lock-on operation



Blowing force	10.9N (with nozzle)
Max Air volume	13.0 m³/min (with nozzle)
Max air velocity	52.1 m/s (with nozzle)
Air pressure	5.8kPa
Air outlet diameter	ø40mm
No load speed (rpm)	0-18,000
Continuous run time	6.0Ah: 12mins / 5.0Ah: 10mins
Sound pressure level	86.6 dB(A)
Sound power level	93.5 dB(A)
Dimensions (L x W x H)	825x160x285 mm
Net weight	3kg
Standard Equipment: No	zzle, Hex Wrench

AVAILABLE VARIANTS		
5.0Ah	"Z" VARIANT	
DUB184 RT 1 BATTERY + 1 CHARGER	DUB184 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

#### DUB185 18V | **LXT**

#### **Cordless Compact Blower**





## 18V LXT Li-lon Cordless blower with 3 variable speed and increased air volume for higher blowing efficiency

- Larger air volume has been obtained by increasing the air outlet diameter
- Compact and ergonomic design
- Lightweight for reduced operator fatigue
- Rubberized soft grip handle for increased operator comfort
- Vacuum option can enable with optional accessories



Blowing force	3.1N (with nozzle)
Max Air volume	3.2m³/min (without nozzle)
Max air velocity	98m/s (with nozzle)
Air pressure	5.8kPa
Air outlet diameter	ø40mm
No load speed (rpm)	0-18,000
Continuous run time	5.0Ah: Hi:21 / Mi:50 / Lo: 130mins / 3.0Ah: Hi:13 / Mi:30 / Lo: 80mins
Noise level	83dB(A)
Dimensions (L x W x H)	517x156x210mm
Net weight	2.1kg

Standard Equipment: Nozzle

AVAILABLE VARIANTS		
3.0Ah	"Z" VARIANT	
DUB185 RF 1 BATTERY + 1 CHARGER	DUB185 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

#### UB100D



#### **Compact Electric Blower**



## Compact cordless Blower Powered by Slide Li-ion Battery of Makita's 12Vmax Platform

- Variable speed control by trigger
- 3 air volume settings: Low, Medium, High
- Compact and lightweight design
- Ergonomic soft grip
- Vacuum function can be used as a vacuum with a dust bag.

<b>3</b>	12V/max [1/1711/10/04/2017	CXT
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Blowing Force	1.8 N
Max Air Volume	2.6 m³/min
Max Air Velocity	75 m/s
Max Sealed Suction	4.0 kPa
No Load Speed (RPM)	0 - 15,800
Run Time (min)	High / Mid / Low
Noise K Factor	3 dB(A)
Vibration Level	508 x 155 x 202 mm (with 4.0Ah)
Dimensions (L x W x H)	2.5 m/s <sup>2</sup> or less
Net weight	1.9kg (with 4.0Ah)

Standard Equipment: Rubber Nozzle

A37A1	LABLE	MADE	ABITC
AWAI	LABLE	WARD	

#### "Z" VARIANT

#### UB100D Z

(DOES NOT INCLUDE BATTERY / CHARGER)

#### **UB1103**



#### Compact Electric Blower





#### High output air volume

- Ergonomic designed handle with elastomer for more comfortable and controlled operation.
- With optional dust bag which allows to use as a vacuum.
- Self-standing design to put on the flat place/ turn upside down
- With variable speed control dial.



7.0. 10.00.0	0-4.1m³/min
Air pressure	0 F 7kD= (0 F00=== 1120)
	0-5.7kPa (0-580mm H2O)
No load speed (rpm)	0-16,000
Dimensions (L x W x H)	479x185x178mm (18-7/8"x7-1/4"x7")
Net weight	2.0kg (4.3bs)
Power supply cord	2.5m (8.2ft)

**Standard Equipment:** Nozzle assembly and dust bag

NAILERS / STAPLERS

> HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

CDECIAITY

TOOL

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **UB1102** 



#### **Electric Blower**





#### **High output air volume**

- Ergonomic designed handle with elastomer for more comfortable and controlled operation.
- With optional dust bag which allows to use as a vacuum.
- Self-standing design to put on the flat place/ turn upside down

303 🕅

Continuous rating Input	600W
Air volume	4.1m³/min
Air pressure	5.7kPa (580mm H2O)
No load speed (rpm)	16,000
Dimensions (L x W x H)	479x185x178mm (18-7/8"x7-1/4"x7")
Net weight	2.0kg (4.3bs)
Power supply cord	2.5m (8.2ft)

**Standard Equipment:** Nozzle assembly and dust bag

#### **BHX2500** 24.5mL - 4 Stroke

#### **Petrol Blower**





#### Take the hard work out of clearing leaves and garden debris.

- Clean exhaust emission and low fuel consumption.
- Compact and light weight.
- Mechanical decompression system for easy recoil pulling.
- Slim body for comfortable handling.

Pocoi D MINES

Displacement	24.5 mL
Power Rating	0.81 kW
Max Air Volume	10.1 m³/min
Max Air Velocity	65 m/s
Fuel Tank Capacity	0.52 L
Sound Pressure Level	88.7 dB(A)
Sound Power Level	102 dB(A)
Vibration Level	5.2 m/s <sup>2</sup>
No Load Speed (RPM)	3,500 - 7,800
Dimensions (L x W x H)	350x231x368 mm
Net weight	4.5 kg

Standard Equipment: Pipe, Nozzle, Socket Wrench

#### **EB7660TH** 75.6 mL 4-stroke Tube-mounted throttle

#### **Petrol Backpack Blower**



#### 75.6 mL MM4 Backpack Blower, Tube Throttle

- 92 m/s high air speed with 20 m³/min high volume MM4 engine for lower emissions and greater fuel economy for the demanding professional
- Heavy duty anti-vibration mounts between frame and engine for improved operator comfort
- $\bullet$  Padded shoulder straps engineered with multiple adjustments for improved fit
- $\bullet$  Padded back panel is ventilated for improved operator comfort
- Powerful fuel efficient 75.6 mL MM4 commercial duty engine



Displacement	75.6 mL
Power Rating	3.0 kW
Max Air Volume	20 m³/min
Max Air Velocity	92 m/s
Fuel Tank Capacity	1.9 L
No Load Speed (RPM)	2,800 - 7,200
Sound Pressure Level	102.8 dB(A)
Sound Power Level	110.7 dB(A)
Dimensions (L x W x H)	332x460x480 mm
Net weight	11.9kg

**Standard Equipment:** Oil bottle set, Box Wrench, Driver, Flexible Pipe, Swivel Pipe, Hose Clamp, End nozzle, Flat Nozzle, Long Pipe, Short Pipe, Accessory Bag, Cable Holder



#### 3 in one tool - Blowing, Inflating and Deflating

- For wide range of applications from professional use to home use, such as various blow-off works, filter cleaning, inflation and deflation of inflatable toys and more
- · Can also be used for deflating inner tubes, play pools and more, with Air vent hose (option) attached to the back of the machine
- Compact design easy to hold





#### DRILLING

CONCRETE DRILLING / DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# A wide range of applications Can be used for a wide range of applications by replacing the tip nozzle



Nozzle 13 Part No. 191X15-3

For blow-off worksFor inflating large play pools, etc.





Nozzle 7 Part No. 191X13-7 For filter cleaning





Part No. 191X11-1 For cleaning narrow spaces (can be used like an air spray can)

Nozzle 3





Part No. 191X19-5 Blowing air over dirt and liquid on desktop and wide-open area.

Wide nozzle





Part No. 191X21-8

For blowing dust away from OA equipment or narrow spaces where this machine cannot enter





Part No. 191X17-9
For inflating & deflating inner tubes and beach balls





Rubber attachment 20-30 set Part No. 191X25-0

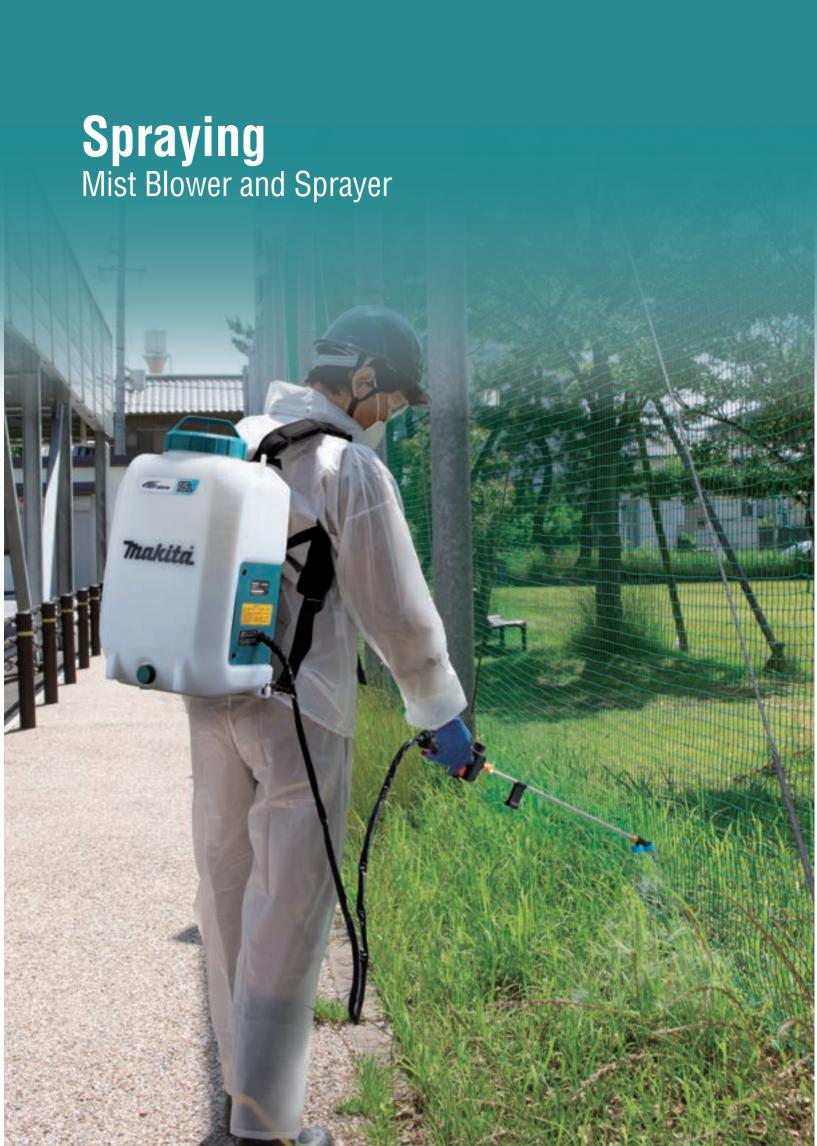
For deflation large play pools and inflatable beds etc.\*1





Part No. 191X27-6 For deflating futon (bedding) compression bag\*1





#### PM001G

#### 40V MAX | (XS)

#### **Cordless Cordless Backpack Mist Blower**





#### High power cordless mist blower powered by 40Vmax XGT Li-Ion battery (two in parallel or one) provides 15N blowing

- Selectable with the button on control handle
- Cruise control levlel Attachable to a desired position for desired control of
- Compatible with ULV (Ultra Low Volume) spray for pesticides, etc (only available in High spraying speed mode)



Chemical tank capacity	15.0 L (507 oz)
Max air volume	High / Med. / Low: 14.3 / 11.0 / 9.0 m /min
Max air velocity	High / Med. / Low: 64.0 / 52.0 / 42.0 m/s
Avg. air velocity	High / Med. / Low: 53.0 / 43.0 / 34.0 m/s
Vibration level	2.5 or less
Sound pressure level	84.5 dB (A)
Sound power level	103.3 dB (A)
Continuous Use (min.)	w/ BL4080F x2 High: 20
Dimensions (L x W x H)	320 x 600 x 690 mm (without Nozzle)
Net weight	11.9 kg (without Battery)

AVAILABLE VARIANTS	
8.0Ah	"Z" VARIANT
PM001G L2 2PCS OF 8.0AH BATTERY - 1PC TWO PORT FAST CHARGER DC40RB	PM001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### PM7650H 75.6mL 4-stroke

#### Petrol Backpack Mist Blower





#### 75.6 mL MM4 Mist Blower

- Efficient 4-Stroke Engine, No Fuel Mix Required
- Powerful fuel efficient 75.6 cc (3.67 HP), MM4 4-stroke, commercial duty engine
- L-shaped chemical tank lowers center of gravity for improved balance
- Single action switch to activate liquid chemical flow
- Padded shoulder straps retain their shape for easier re-shouldering



Displacement	75.6 mL
Fuel Tank Capacity	1.8 L
Max Air Volume	14.1 m³/min
The velocity of the wind	85 m/s
(without blower pipes)	
Sound Pressure Level	98.3 dB(A)
Sound Power Level	110.7 dB(A)
Vibration Level	3.5 m/s <sup>2</sup>
Dimensions (L x W x H)	420x440x595 mm
Net weight	13.9 kg
Net weight	13.3 KY

Standard Equipment: Oil bottle, Hand strap, Screwdriver, Diffusion cover, Hose clamp, Flexible pipe, Straight pipe

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN /

CLEANING

OPE

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DUS158** - 15L 18V | **ZXT** 

#### **Cordless Garden Sprayer**







#### 18V LXT Li-lon Cordless 15L Garden Sprayer

- For use with pesticides, insecticides, herbicides, fungicides and fertilizers
- Paddle switch under the grip of spray wand for easy on/off control of spraying
- Comfortably fitting harness and well-ventilated back pad
- I-shaped double head nozzle and Herbicide nozzle
- IP54-rated dust and shower-proof construction

Max Pressure	0.5 Mpa
Chemical tank	15 L
Hose Length	1.7 m
Continuous run time (min.)	335 (with BL1850B, Double Outlet Nozzle)
	460 (with BL1850B, Herbicide Nozzle)
Spraying capacity (L)	300 (with BL1850B, Double Outlet Nozzle)
	780 (with BL1850B, Herbicide Nozzle)
Dimensions (L x W x H)	317 x 237 x 517 mm
Net weight	5.52 kg (without battery)

Standard Equipment: Upright double-headed nozzle, Wide-angle herbicide nozzle, Shoulder harness, Holder, Measure cup,

AVAILABLE VARIANTS		
"Z" VARIANT		
DUS158 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)		

**DUS108** - 10L Cordless Garden Sprayer







#### 18V LXT Li-Ion Cordless 10L Garden Sprayer

- For use with pesticides, insecticides, herbicides, fungicides and fertilizers
- Paddle switch under the grip of spray wand for easy on/off control of spraying
- · Comfortably fitting harness and well-ventilated back pad
- I-shaped double head nozzle and Herbicide nozzle
  IP54-rated dust and shower-proof construction

(18V) Limingon XPT	WG
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Max Pressure	0.5 Mpa
Chemical tank	10 L
Hose Length	1.7 m
Continuous run time (min.)	335 (with BL1850B, Double Outlet Nozzle)
	460 (with BL1850B, Herbicide Nozzle)
Spraying capacity (L)	300 (with BL1850B, Double Outlet Nozzle)
	780 (with BL1850B, Herbicide Nozzle)
Dimensions (L x W x H)	317 x 237 x 437 mm
Net weight	5.22 kg (without battery)

**Standard Equipment:** Upright double-headed nozzle, Wide-angle herbicide nozzle, Shoulder harness, Holder, Measure cup,

AVAILABLE VARIANTS			
"Z" VARIANT			
DUS108 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)			

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DUS054** 5L 18V | **//** 

#### 18V LXT - Cordless Garden Sprayer





#### 18V LXT Li-Ion Cordless 5L Garden Sprayer

- One / two head nozzle(s) can be selected
- Two head nozzles for a wide range of spray
- Lever at hand for easier operation
- Tank shape is optimized for easy fit
- Excellent water-resistant performance

Max Pressure	0.3 MPa	
Chemical tank	5 L	
Hose Length	1.7 m	
Spray Wand Length	0.5 - 0.7 m	
Nozzle Mounting Thread	G 1/4	
Continuous Use (min.)	ntinuous Use (min.) Spray Single: w/ BL1860B: 530 min	
Dimensions (L x W x H)	343 x 182 x 368 mm	
Net weight	2.9 kg (without battery)	

Standard Equipment: H-Shaped Double Head Nozzle, Spray Wand, Spray Wand Holder, Shoulder Belt

AVAILABLE VARIANTS

"Z" VARIANT

**DUS054 Z** 

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

**DVF104** 10L 18V | /LXT





#### 18V LXT Li-Ion Cordless 10 L Garden Sprayer

- Environment-friendly with no emission and extremely low noise
- Hand valve lever with two selectable modes
- Reduced running cost with rechargeable Li-ion battery
- Compact and lightweight cordless sprayer provides easy handling and high maneuverability
- Two different nozzles included as standard equipment for added versatility

18V

Max Pressure	0.3 MPa
Chemical tank	10 L
Dimensions (L x W x H)	315x225x415 mm
Net weight	4.1 kg

Standard Equipment: Upright Double-Headed Nozzle, Wide-Angle Herbicide Nozzle, Spray Pipe Holder, Shoulder Harness

AVAILABLE VARIANTS	
"Z" VARIANT	
DVF104 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

#### **US053D** 5L

12V MAX | (CXT)

#### 12V MAX CXT - Cordless Garden Sprayer





#### 12V MAX CXT Li-Ion Cordless 5L Garden Sprayer

- One / two head nozzle(s) can be selected
- Two head nozzles for a wide range of spray
- Lever at hand for easier operation
- Tank shape is optimized for easy fit
- Excellent water-resistant performance



Max Pressure	0.3 MPa
Chemical tank	5 L
Hose Length	1.7 m
Spray Wand Length	0.5 - 0.7 m
Nozzle Mounting Thread	G 1/4
Continuous Use (min.)	Spray Single: w/ BL1041B : 250
Dimensions (L x W x H)	343 x 182 x 343 mm
Net weight	2.9 kg

Standard Equipment: H-Shaped Double Head Nozzle, Spray Wand, Spray Wand Holder, Shoulder Belt

AVAILA	BLE V	ARIAN	TS

#### "Z" VARIANI US053D Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### EVH2000 24.5mL 4-stroke (Plunger pump type)

#### Petrol Backpack Sprayer





#### Plunger pump type sprayer suitable for orchards, parks, gardens etc.

 High water pressure is obtained using a plunger pump.



Features "Rapid Start" that allows to pull the starter rope with less force for extra-easy startup.



Four-step adjustable water pressure

Large 20L chemical tank

for long spraying work

Displacement	24.5mL	
Fuel tank	0.5L	
Max. pressure	2.5Mpa (25kgf/cm²)	
Chemical tank	20L	
Dimensions	380x420x635mm	
(L x W x H)	(15"x16-1/2"x25")	
Net weight	9.1kg (20.1lbs)	

# **Earth Auger Drill**



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DG002G** 40V MAX | (XS)

#### **Cordless Earth Auger**





# High Power Earth Auger with 40V max XGT system Auger bits directly attached to the tool without using bit adapter • Earth auger attachment includes a bar which receives reaction force and an auxiliary handle, and helps the user drill holes in the ground easier

- Reversing switch enables to extract, in reverse rotation mode, an auger bit jammed in soil with high resistance like clay soil
- Lightweight design for reduced operator fatigue
- BL motor delivers 1,500 RPM

Capacity	Sandy Soil: High / Low : 60 / 200 mm
	Clay Soil: High / Low : 60 / 150 mm
No Load Speed (RPM)	High / Low: 0 - 1,500 / 0 - 400
Max Fastening Torque High: 55 N·m / Low: 136 N·m	
Vibration Level	2.5 m/s <sup>2</sup> or less
Dimensions (L x W x H)	835 x 605 x 194 mm
Net weight	6.7 kg (without battery)

Standard Equipment: Chuck Key, Hex Wrench, Adapter

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AVAILABLE VARIANTS
"Z" VARIANT
DG002G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

## **DG001G** 40V MAX | (XS) **Cordless Earth Auger**



## **High Power Earth Auger with 40V max XGT system**• Earth auger attachment includes a bar which receives reaction force and an

- auxiliary handle, and helps the user drill holes in the ground easier

   Reversing switch enables to extract, in reverse rotation mode, an auger bit
- jammed in soil with high resistance like clay soil
- · Lightweight design for reduced operator fatigue
- Auger bit adapter enables to use the auger bits for popular engine earth augers
- BL motor delivers 1,500 RPM

	40Vmax BLADT XPT
Capacity Sandy Soil: High / Low: 60 / 200 mm	
	Clay Soil: High / Low : 60 / 150 mm
No Load Speed (RPM) High / Low: 0 - 1,500 / 0 - 400	
Max Fastening Torque High: 55 N·m / Low: 136 N·m	
Vibration Level	2.5 m/s² or less
Dimensions (L x W x H)	863 x 605 x 199 mm
Net weight	6.7 kg (without battery)

Standard Equipment: Chuck Key, Hex Wrench, Adapter

AVAILABLE VARIANTS		
4.0Ah	"Z" VARIANT	
DG001G M2 - 2PCS OF BL4040 XGT BATTERY - FAST CHARGER DC40RA	DG001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)	

DRILLING / FIXING

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **DDG461**

18Vx2 / XT

#### Cordless Earth Auger



#### High Power Earth Auger with 36V LXT system

Auger bits directly attached to the tool without using bit adapter

- Earth auger attachment includes a bar which receives reaction force and an auxiliary handle, and helps the user drill holes in the ground easier
- Reversing switch enables to extract, in reverse rotation mode, an auger bit iammed in soil with high resistance like clay soil
- Lightweight design for reduced operator fatigue
- BL motor delivers 1,400 RPM

	ADT XPT
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Capacity	Sandy Soil: High / Low : 60 / 200 mm
	Clay Soil: High / Low : 60 / 150 mm
No Load Speed (RPM)	High: 0 - 1,400 / Low: 0 - 350
Dimensions (L x W x H)	840 x 607 x 223 mmp
Net weight	6.8 kg (without battery)

Standard Equipment: Hex Wrench

AVAILABLE VARIANTS

DDG461 Z

OES NOT INCLUDE BATTERY / CHARGER)

## WHEEL BARROW



#### **DDG460**

18Vx2

#### **Cordless Earth Auger**



#### High Power Earth Auger - Powered by two 18V Li-ion batteries

- Earth auger attachment includes a bar which receives reaction force and an auxiliary handle, and helps the user drill holes in the ground easier
- Reversing switch enables to extract, in reverse rotation mode, an auger bit jammed in soil with high resistance like clay soil
- · Lightweight design for reduced operator fatigue
- Auger bit adapter enables to use the auger bits for popular engine earth augers
   BL motor delivers 1,400 RPM

Capacity	Sandy Soil: High / Low : 60 / 200 mm
	Clay Soil: High / Low : 60 / 150 mm
No Load Speed (RPM)	High / Low: 0 - 1,400 / 0 - 350
Vibration Level	2.5 m/s² or less
Dimensions (L x W x H)	840 x 607 x 223 mm
Net weight	6.8 kg (without battery)

Standard Equipment: Chuck Key, Hex Wrench, Adapter

5.0Ah	"Z" VARIANT
DDG460 T2 INCLUDES 2 BATTERIES / 1 TWO PORT CHARGER AND CARRY CASE	DDG460 Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### **DCU180**

18V | <u>LXT</u>

#### **Powered Wheelbarrow**



Moving cart powered by LXT Li-ion battery Two variations: Carrier type and Bucket type

Bucket tray (Part no: 199008-0)

Flat tray (Part no: 199009-8)

(Please note Flat bed tray or Bucket tray will not be supplied with the wheelbarrow and need to be ordered separately)





• Able to run with even one battery thanks to parallel battery connection.

WAR AND CHE LXT BL XPT

with BL1860B: 120 Max Run Time (min) 130 kg (290 lbs.) Forward, High / Low: 0 - 3.5 / 0 - 1.5 km/h Reverse: 0 - 1 km/h Max Load Capacity Traveling Speed Max Climbing Capacity When carrier is installed / During operation: 1,315x1,060x900 mm Dimensions (L x W x H) 44.8 kg Net weight

**Standard Equipment:** Lock Key, Support Legs, Wrenches

"Z" VARIANT

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER / FLAT OR BUCKET TRAY)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING



#### Moving cart powered by 4 LXT batteries but operates using 2 batteries at a time to extend runtime

- Max loading capacity:300kg
- For heavy load which is difficult by manual dump
- ·Limits to stay at 0.8km/h speed when the bucket is tilted
- Forward: 2 wheels, Rear: 4 wheels (Front wheel drive) Forward (5.0km/h, 3.5km/h, 1.5km/h), Reverse (1.0km/h)
- Forward/reverse switch with speed selection switch
- Deadman brake Brake will be activated when the accelerator trigger is released



#### AVAILABLE VARIANTS

#### "Z" VARIANT

#### DCU602 Z

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER / FLAT OR BUCKET TRAY)

**DCU601** 18Vx2

#### Cordless Wheelbarrow (Flat Tray)

#### (Electric Lift)





#### Moving cart powered by 4 LXT batteries but operates using 2 batteries at a time to extend runtime

- Max loading capacity: 300kg
- Forward: 2 wheels, Rear: 4 wheels (Front wheel drive) Forward (5.0km/h, 3.5km/h, 1.5km/h), Reverse (1.0km/h)
- Forward/reverse switch with speed selection switch
- Deadman brake Brake will be activated when the accelerator trigger is released

#### METERS 36V BL WG

Max load capacity	300 kg
Traveling speed	Forward, High / Low: 5 / 1.5 km/h
	Reverse: 1.0 km/h
Max climbing capacity	12°
Dimensions (L x W x H)	1,391×724×815-1,024
Net weight	147 kg

#### AVAILABLE VARIANTS

#### "Z" VARIANT

#### DCU601 Z

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER / FLAT OR BUCKET TRAY)

ROUTERS / PLANERS

MULTI-TOOL

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET



Max loading capacity: 300kg

**Max climbing ability** 



DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





#### **EG2850A** 2.8kVA

#### Generator



#### **High Performance by OHV Engine and AVR Alternator**

- Extreme reliability and durability
- Fuel tank realizes continuously longer operation
- No kick-back Starting system (Recoil starter)
- $\bullet$  Oil sensor automatically shut off the engine whenever oil level is too low

Fuel tank	10L	
Engine model	170F (210mL)	
AC output	50Hz : 2.6kVA	
Max. AC output VA	50Hz : 2.8kVA	
Dimensions	600 x 442 x 450mm	
Net weight	52.8kg (116.4bs)	

**Standard Equipment:** Accessory tool set

#### **EG4550A** 4.5kVA

#### Generator



#### High Performance by OHV Engine and AVR Alternator

- Extreme reliability and durability
- Fuel tank realizes continuously longer operation
- No kick-back Starting system (Electric starter/ Recoil, battery is excluded)
- Oil sensor automatically shut off the engine whenever oil level is too low
- Two wheels and handles for easy mobility

Fuel tank	25L
Engine model	190F (420mL)
AC output	50Hz : 4.0kVA
Max. AC output VA	50Hz : 4.5kVA
Dimensions	680 x 550 x 550mm
Net weight	95.5kg (210.5lbs)
Standard Equipment: Access	sory tool set

#### **EG5550A** 5.5kVA

#### Generator



#### **High Performance by OHV Engine and AVR Alternator**

- Extreme reliability and durability
- Fuel tank realizes continuously longer operation
- No kick-back Starting system (Electric starter/ Recoil, battery is excluded)
- Oil sensor automatically shut off the engine whenever oil level is too low
- Two wheels and handles for easy mobility

Standard Equipment: Accessory tool set

Fuel tank	251
	LJL
Engine model	190F (420mL)
AC output	50Hz : 5.0kVA
Max. AC output VA	50Hz : 5.5kVA
Dimensions	680 x 550 x 550mm
Net weight	98.5kg (217.2lbs)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALT

HAND TOOLS /
COMBINATION SET

## **Multi Function Power Head Accessories**

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



#### FOR MODEL: UX01G | DUX60 | DUX18



Brushcutter EM400MP 195654-7

Cutting width Nylon head: 420mm

#### Grass trimmer EM408MP 191N35-7

Cuting width Nylon head: 300mm Metal blade: 230mm Plastic blade: 255mm

ER400MP 195528-2





191M60-2

Cutting width: 230mm The upper and lower metal blades rotate at low speed to cut grass just like scissors.





Edger EE400MP 196752-0 Blade dia: 203mm



Adjustable wheel for quick and easy adjustment to desired cutting depth

Metal skid plate protects gear housing for increased durability



#### **Ground Trimmer**

suitable for undergrowth mowing that requires special attention for flying stone or kickback

#### EN420MP 198060-5

Max cutting capacity: 250mm



EN424MP ■ 1913D3-2





Easy grass trimming simply by pushing this attachment forward Max cutting capacity: 330mm



#### Cultivator

Excellent for cultivating small garden beds and between rows of vegetables or flowers



#### KR400MP 195713-7 Cultivating width:

160mm

199188-2 Cultivating width: 220mm

KR401MP



#### Pole saw EY401MP 199926-2

Bar length: 250mm Saw chain: 91VXL -39links Gauge: 1.1 Pitch: 3/8



#### EY403MP 191T39-5

Saw chain: 90PX-46links Gauge: 1.1 Pitch: 3/8

Bar length: 300mm



#### Hedge trimmer EN410MP 197740-0

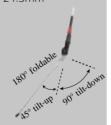
Max cutting capacity: 490mm Teeth: 3 sharpened edges Thickness: 2mmMax branch diameter: 22mm



Lighter than angle adjustable hedge trimmer attachment

#### EN401MP 196342-9

Max cutting capacity: 490mm Teeth: 3 sharpened edges Thickness: 2mm Max branch dia: 21.5mm





#### Power brush BR400MP 199326-6



Cleaning of pavement with many joints and uneven stones using nylon brush.

Working width: 600mm



Power sweep SW400MP 199347-8



Sweeping dust, fallen leaves, or snow on the ground.

If the ground is hard and flat, water can be swept away from the surface. Working width: 590mm



#### **Water Pump** PF400MP BRAPF400MP

Designed to quickly extract water and making it perfect for a wide range of work sites, including irrigation, construction and more.

Water can be pumped up until it reaches a depth of 10mm.

20mm is the lowest water level for starting operation



#### Blower UB400MP 191F72-3

Blowing Force



## UB401MP 191P78-1

Blowing Force DUX18: 10.0N



#### UB402MP ■ 191250-7 Compact type

**Blowing Force** UX01G: 4.7N DUX60: 4.7N



UX01G: 17.7N DUX60: 14.2N DUX18: 10.2N



# With silencer

UX01G: 17.3N DUX60: 13.8N

DUX18: 4.7N

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**Shaft extension** LE400MP 196032-4 / 191E24-8 For Pole saw, Pole hedge trimmer



DRILLING /

CONCRETE DRILLING /
DEMOLITION

MIXING /

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





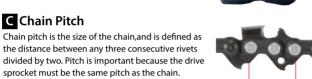
#### A Guide Bar Length

Guide bar's length is represented by the cutting length, which is different from its total length.



#### **B** Depth Gauge

Depth gauge means the gap between the top of the depth gauge and the top of the cutter and determines how deep the cutting teeth gets into the wood



#### **Guide Bar Type Sprocket Nose Bars**

Sprocket nose bars have a rotating sprocket mounted on at the tip of the bar. As the chain moves along the bar, the sprocket teeth carry the chain around the tip smoothly with less friction.



#### Hard Nose Bars(Solid Bar)

High wear resistant stellite is welded onto the tip. Hard nose bars are made for difficult situation, including fire-damaged forests, deserts, or sandy environments.



#### Carving Bars

Carving bars are made of high-quality steel and high wear resistant stellite is welded onto the tip. The small nose radius is designed for precision cutting. The carving bars are made for especially pruning and carving.



#### **D** Drive Link

The length of saw chain is determined by counting the number of drive links in the saw



Chain Gauge is the drive link's thickness where it fits into the guide bar groove, matching the guide bar gauge. The gauge of the chain and the gauge of the bar must match.

End View			•	
Abbreviation	MC	sc	СС	FC
F Cutter Type	MICRO CHISEL	SEMI CHISEL	CHAMFER CHISEL	FULL CHISEL

#### **Guide Bar Maintenance**

#### Chain Tension

From time to time the saw chain tension before use. The saw chain may become loose after many hours of use.



(1.1mm)

(1.3mm)

(1.5mm)

#### File Bar Edge

File bar edge with a flat file to keep 90° once a week.



Clean out the chips and sawdust every time when you sharpen or replace the saw chain

#### **Bar Nose Grease**

Lubricate a whole sprocket regularly to make sure that the saw chain can rotate with less friction

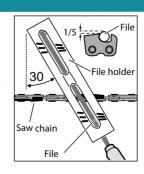


#### **Sharpening Saw Chain**

#### Round File and File holder



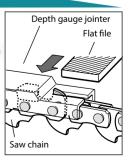
The file can be guided more easily if a file holder is employed. The file holder has markings for the correct sharpening angle of 30° (align the markings parallel to the saw chain) and limits the depth of penetration (to 4/5 of the file diameter).



#### Depth gauge jointer

After sharpening the chain, check the height of the depth gauge using the chain gauge tool.





Grease

## Guide Bar, Saw Chain and Bar cover

Guide Bar

Saw Chain

#### **Guide Bar Cover**

Cutter Type: CC: Chanfer chisel, FC: Full chisel, SC: Semi chisel

			Guid	de Bar						Saw (	Chain	
For Model	Bar length	Bar type	Part No.	New Part No.	Cutter	type	Gauge	Pitch	Drive Links	Part No.	New Part No.	Bar Cover Part No.
EY401MP	25cm/10 <b>′</b>	Sprocket		191G11-9	91VXL	SC	1.3mm	3/8"	39		191H20-4	452093-7
DUC101 UC100D	10cm/4 <b>′</b>	Sprocket	-	1910W0-3	80TXL	MC	1.1mm	0.325	26		1910V6-4	452093-7
UC002G, DUC254	25cm/10"	Sprocket		191T85-8	80TXL	MC	1.1mm	0.325'	46		191T89-0	452093-7
UC002G, UA004G, DUA301	25cm/10'	Sprocket	161846-0	191G14-3	90PX	СС	1.1mm	3/8"	40	199075-5	191H00-0	452093-7
DUC254, DUC252, EY403MP	25cm/10"	Sprocket	168408-5	191G22-4	91VG	SC	1.3mm	3/8"	40	196205-9	191H08-4	452093-7
UC002G, UC012G DUC254, DUC252, DUC307,	30cm/12"	Sprocket	165245-8		90PX	СС			46			452093-7
DUC405, DCS34, DCS4610 UA004G, DUA301, EY403MP UC4041A,UC4551A	30cm/12"	Sprocket	442030661	191G23-2	91PX	CC	1.3mm	3/8"	46		191H10-7	452093-7
UC002G, UC012G DUC254, DUC252, DUC307 DUC405,DCS34, DCS4610 UC4041A, UC4551A	35cm/14"	Sprocket	442035661	191G24-0	91PX	СС	1.3mm	3/8"	52	531492652	191H11-5	452093-7
UC012G DUC405	40cm/16"	Sprocket		191T88-2	80TXL	MC	1.1mm	0.325′	64		191T92-1	419560-5 952100633
UC012G, UC4041A, DUC307 DUC405,	40cm/16"	Sprocket	165247-4	191G17-7	90PX	СС	1.1mm	3/8"	56		191H03-4	419560-5 952100633
UC012G, DUC307, DUC405 DCS34, DCS4610 UC4041A, UC4551A	40cm/16"	Sprocket		191G25-8	91PX	СС	1.3mm	3/8"	56	531492656	191H12-3	419242-9
UC012G, UC4551A, EA4301F45B	45cm/18"	Sprocket		191G26-6	91PX	SC	1.3mm	3/8"	62	713075-7		419242-9
	38cm/15"	Sprocket			95VP	SC	1.3mm	0.325'	64	532484064		952010630
DCS430	45cm/18"	Sprocket			95VP	SC	1.3mm	0.325	72	532484072		952020640
DCS461 DCS460	38cm/15"	Sprocket	443038651		91VG	SC	1.3mm	3/8"	56			952010630
	45cm/18"	Sprocket	445045651	191G51-7	91VG	SC	1.3mm	3/8"	64	523093664	191H43-2	952020640
	38cm/15"	Sprocket	445038631	191G45-2	21BP	SC	1.5mm	0.325'	64			952010630
DCS461	45cm/18"	Sprocket	445045631	191G46-0	21BP	SC	1.5mm	0.325'	72	528086672	191H30-1	952020640
DCS460 DCS5200	38cm/15 <b>′</b>	Sprocket	443038651		73LP	FC	1.5mm	3/8"	56	528099656	191H48-2	952010630
	45cm/18"	Sprocket	445045651	191G51-7	73LP	FC	1.5mm	3/8"	64	528099664	191H50-5	952020640
	53cm/21"	Sprocket	443053651		73LP	FC	1.5mm	3/8"	72	528099672 528099772	191H52-1	952020650
	38cm/15"	Sprocket			73LP		1.5mm			528099660	191H49-0	
DCS6401 / DCS7301 /	50cm/20'	Sprocket	445050655		73LP		1.5mm			528099672		952100653
DCS7901	45cm/18"	Solid	445045455		73LP		1.5mm			528099668 528099684	191H51-3	
EA6100P	60cm/24 <b>'</b>	Solid	445060455		73LP	FC	1.5mm	3/8'	84	528099784 528099694	191H54-7	952100653
	70cm/28 <b>'</b>	Solid	445070455		73LP	FC	1.5mm	3/8'	94	528099794	191H55-5	952100171
Descore	74cm/30 <b>′</b>	Solid	445074452		73LP	FC	1.5mm	3/8'	96	528099696	191H56-3	952100171
DCS9010	84cm/33'	Solid	445084422		27	FC	1.5mm	0.404	100	522103700		952100171
5012B	30cm/12"	Sprocket	164533-0		91VG	SC	1.3mm	3/8"	45	196519-6	191H09-2	

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

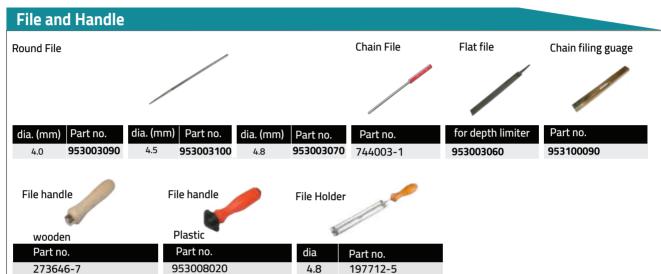
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### Sharpening Set - in Roll-up Pouch

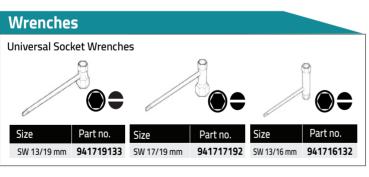
- φ4.0mm round file (3pcs)
- File holder (1pc) with ergonomic handle and angled makings so you can align with chain saw chain
- Flat file (1pc) (150mm) with ergonomic handle for use with or without depth Gauge
- Handles (2pcs)
- Depth Gauge (1pc)

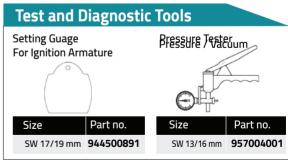


Part no. D-72154









#### Oil

2 Stroke Engine Oil - Makita High-performance 2 stroke engine oil is semi-synthetic oil with excellent lubricating qualities, low smoke and low carbon residue.

4 Stroke Engine Oil is a high performance lubricant formulated from a carefully balanced mixture of mineral base stocks fortified with the latest additive technology. 4 Stroke is suitable for all makes of four-stroke petrol and naturally aspirated diesel stationary engines found on horticultural machines.

4 Stroke Oil

Chain oil

chain oiling is formulated to adhere to the bar and chain and to reduce wear. Adhesion additive helps keep sap and pitch from clinging to the bar and chain.

BIOTOP Chain oil

With BIOTOP, chain oiling is safe for environment. BIOTOP is purely vegetable-based and readily biodegradable. It meets the strict requirements of the RAL UZ48 environment mark for environmental compatibility, lubrication, and aging resistance



Content

Part No.

2 Stroke Oil (BI

Type

BIOTOP Chain Oil (1L / 5L)

100ML

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS /

NAILERS /

STAPLERS

HEAT GUN /

## **Grass Shear / Pruning Shear blades**

#### **Shear Blade for Grass shears**





For models	Blade length	Blade assembly	Blade cover	Grass Receiver
DUM604, UM600D	160mm	195176-7	-	457426-1
DUM111	110mm	191N23-4	413885-9	454880-0

#### **Pruning Shear Blade**

UP100D	Shear blade (U)	■ 1911W2-5
UP100D	Shear blade (L)	■ 1911W1-7

## Shear Blade Blade for ground trimmer

For models	Blade length	Blade assembly
EN424MP <b>(1913D3-2)</b>	330mm	■1912V6-6

#### **Hedge Trimmer Blade for Grass shears**





For models	Blade length	Blade assembly	Blade cover	Chip receiver
DUM604 UM600D	200mm	198409-9 198408-1	-	198401-5
DUM111	200mm	191N24-2	458342-0 195274-7 (with clank cover)	198401-5

## Long handle attachment for grass shears

Long handle attachment with wheel enables to use the machine comfortably in a standing posture

• 5 stage angle adjustment allows for grip height adjustment according to user's height

• Lock-off button operable from both left and right side

For models	Part No.
DUM111, DUM604, UM600D	198486-1





CLEANING

OPE

JOBSIT

SPECIALT

HAND TOOLS /
COMBINATION SET

## **Hedge Trimmer Accessories**

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

Optimum blade shape for smooth cutting Sharp edge blades: Upper blade...curving downward Lower blade...curving upward

Contact point is

only both tips.

Twigs are caught easily and held firmly Caught smoothly Held and trimmed

#### B: High grade blade

Upper/ Lower blade teeth with 3 sharpened edges for clean cut.



Blade teeth with 3 sharpened edges Well sharpened edges provide clean cut with the least branch damage.



#### C: Stain-free blade

A: Curving blade

Non-electrolyzed nickel plating Evenly and strongly adhered surface coating that features high anti-abrasion surface for long lasting coating.



Hedge Trimmer Blade

Sap on the blade (after 10 hour trimming of Boxwood)

Stain-free Blade Our Current models

#### Chip Receiver for hedge trimmer

For efficient collect8ion and clean-up of clippings

M5X12 (P/N:915211-3 5pcs)

D Without bind head screw E Easy one-touch installation and removal



SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Hedge Hillillei Blade								
For Model	Туре	Blade Size	Blade assembly Part No.	Upper blade Part No.	Lower blade Part No.	Blade Guard Part No.	Chip	o receiver
EN401MP, EN410MP, EN4950H			197763-8					
EN420MP			198195-2			457036-4		
DUN461, UN460WD		460mm	191P00-8					
UH014G	Α	750mm	191Y05-2				D	191D34-9
UH007G	В	750mm	191R56-3				Ε	191R52-1
UH005G	Α	750mm	191R54-7				Ε	191R52-1
DUN500W		500mm	191C14-9				Ε	1910M5-3
DUH507		500mm	1911J1-6				D	1910T1-0
DUH607		600mm	1911J2-4				D	1910T2-8
DUH606		600mm	1910H9-0				D	1910T2-8
DUH551	С	550mm	196687-5				Е	194681-1
DUH754S	Α	750mm	191D39-9				D	191D34-9
DUH751	А	750mm	191R54-7			458408-6		
UH5261	С	520mm	140827-7					
UH4570	С	450mm	194660-9					
UH6570	С	650mm	194666-7					
UH7580	С	750mm	194675-6					
UH6540				223233230	223233330			
HTR5600				6018505400	6018505500			
HTR7610				6018505200	6018505301			
EH760				6018505200	6018505301			
EH6000W			196797-8			454672-7		
EH7500W			126779-6			454672-7		
EH7500S			196801-3			346731-0	D	195321-4

#### **Edger Blade**

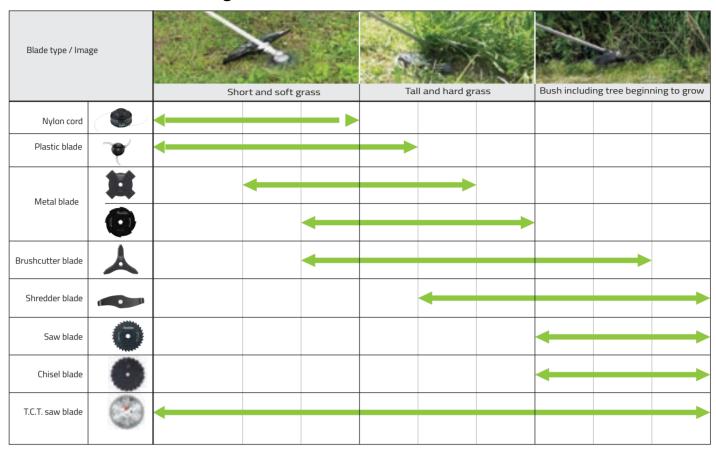
Cuts clean sharp grass edges along beds and paths



Blade dia.	No. of teeth	Thickness	For model	Part No.
203mm	2T	2.5mm	EE2650H EE400MP	196745-7

## **Brush Cutters Accessories**

## Brush cutter Blade selection guide



	Shredder	,	Y		1			6		4		Chisel							
	blade	3	3 Tooth		4 To	oth	oth 8 Tooth			Saw Blade Blade		1.0	T.C.T			Plastic I	olade set		
Blade dia(mm)	270mm		255mm		230mm			230mm			255mm	225mm	230mm	250mm	305mm		imm	230mm	230mm
No. of teeth	2T	3T	3T	3T	4T	4T	8T	8T 1.8	8T	80T	24T	24T	36T 1.25	40T	M10x1.25LH	M8x1.25RH M8x1.25LH	M8x1.25RH / LH M10x1.25LH	M8x1.25RH	
Thickness	3.9	3.0	3.0	3.0	1.8 B-14118	2.0	1.4	B-14130		1.8		1.8	1.23	1.25		M10x1.25LH			
Part No.	199874-5	D-66020	D-66036	D-66042			191Y44-2		B-01909	B-14152	B-01921	199872-9	D-65981	D-65997	199868-0	198383-1	198384-9	198848-3	191Y45-0
JR012G	•			•		•			•		•	•		•	•	•			
JR013G	•		•									•			•				
JR006G, 7G		•	•			•			•		•			•		•			
JR003G		•			•			•		•						•			
JR101C / 201C		•	•			•			•		•		•	•		•			
DUR369A		•				•			•		•		•	•		•			
DUR369N																•			
DUR364L																•	•		
DUR194																			
		•			•		-									•			
DUR190																	_		
DUR189																•	•		
JR100D																		•	
EM400MP		•			•			•		•						•			
EM408MP		•			•			•		•						•			
EM2650UH		•			•			•		•	•								
M4350RH		•		•	•	•		•	•	•	•		•	•		•	•		

Rotary scissors blade

A B

UR012G: Protector guard (199873-7) is must when using chisel blade / Protector guard (199875-3) is must when using shredder blade

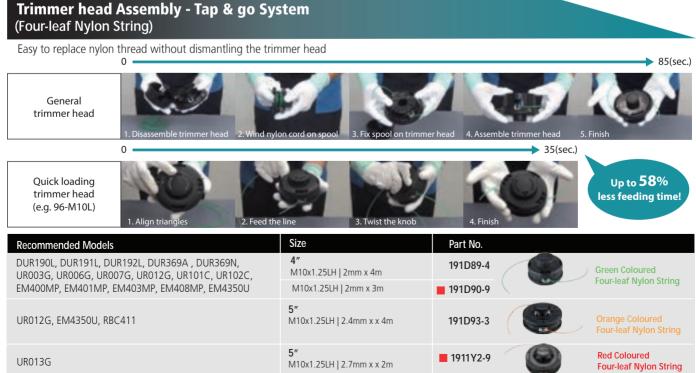
Replacement plastic blades

**DUR193** 

	Manual												
Туре	B&F	B&F 4R	B&F 4L	B&F Z5L	B&f Z5L	95-M10L	95-M10L	B&F ECO 4R	76-M8R	95-M8R	UltraAuto 4R	UltraAuto 4L	SuperAuto X
Size	5"	4"	4"	5″	5″	4"	4"	4''	3"	4''	4''	4''	
Arbore size	M12	M8x1.25RH	M8x1.25LH	M8x1.25LH	2.7mm X 3m M10x1.25LH			2.0mm x 3m M8x1.25RH			M8x1.25RH	M8&10x1.25LH	M8x1.25LH
Part No.	B-02951	A-89137		A-89143				197297-1	198853-0	198972-2	B-03006	B-02945 (with adapter)	B-01959
UR012G					•	•	•					(maradapter)	
UR013G					•								
UR006G/7G						•	•						
UR003G						•	•						
UR101C						•	•						
UR102C						•	•						
DUR369A						•	•						
DUR369N						•	•						
DUR364L								•					
DUR190						•							
DUR192L						•	•						
DUR190						•	•						
DUR189								•		•			
UR100D									•				•
EM400MP	•					•	•					•	
EM408MP						•	•						
ER400MP		•	•	•				•			•		
EM2650UH	•					•	•					•	
EM4350RH	•						•						
RST250	•	•	•	•				1.12	( -	0.5	•	uto 4R/4L/6L Pa	

# UR3000 DA00000001 Trimmer head Assembly - Tap & go System

191Y39-5



#### Line character

#### Energy Saving Shape Sharpness Quietness Round Α Α Square AA Four-leaf AA AA

#### **Color chart**

Dia.	Color / Shana		Light	duty		Heavy duty				
Dia.	Color / Shape	Low density		High density		Low density		High d	ensity	
1.3mm		<b>‡</b>								
1.6mm - 1.65mm		ŧ	<b>→</b>							
2.0mm			<b>+</b>	<b>†</b>						
2.4mm	$\Diamond$ $\bigcirc$ $\square$		lacktriangle			<b>†</b>				
2.7mm	•				<b>←</b>			lack		

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

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OPE

JOBSITE TOOLS

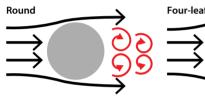
HAND TOOLS /
COMBINATION SET

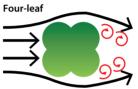
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## Features of Nylon Cord (String) - Four Leaf Clover



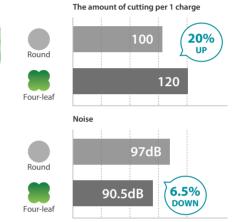
#### Low noise and energy saving







realizes low noise and energy saving feature thanks to less air resistance.



Nylon Cord (String) - Four Leaf Clover	Colour	Size (mm)	Part no.
<ul> <li>Well suited for use with high powered battery operated line trimmers</li> <li>More sharpness, about 10% less noise, and about 15% less power consumption compared with regular nylon cord</li> </ul>	Red	2.7mm-15meter	■ E-01828
Spiral cord body with four-leaf clover-like cross section developed for	Orange O	2.7mm-15meter	■ E-01797
better cutting performance	Green	2.0mm-15meter	197472-9
Spiral cord body Four-leaf clover like cross section	Blue	1.65mm-15meter	E-01731

## **Nylon Cord (String) - Square**

Square Shaped Nylon String
For String Trimmers
(For heavy duty application - cutting thick grass)



3.0mm x 219m	369224616

Part no.

Size (mm)

## Nylon Cord (String) - Round

Size (mm)	Part no.
1.65mm x 15m	DA00000003
2.4mm x 5m	B-01971
3.0mm x 4m	B-07375
2.4mm x 1,425m	B-04612

## **Blower Accessories**

**Nozzles & adapter** DRILLING / FIXING Gutter nozzle set Other Nozzles Adapter pipe Flat nozzle set (Adapter to connect to Narrow profile the flat nozzle and the improves air speed for gutter nozzle removing heavier CONCRETE DRILLING / DEMOLITION debris such as wet leaves (85-72)MIXING / STIRRING UB001G 197889-6 191P97-7 191B03-8 UB001C 191L96-5 used with Adapter 85-72 (End nozzle 80) used with Adapter 85-72 (104-72)191B03-8 456958-5 UB002C CUTTING (CONCRETE / METAL) 1910M7-9 used with Adapter 104-72 used with Adapter 104-72 (90-72)183R06-2 197889-6 191B03-8 183R01-2 DUB363 127501-4 (Pipe 90-72) No adapter required No adapter required (End nozzle 72) GRINDING (71) 191B03-8 197889-6 183R02-0 DUB362 191J13-3 used with Adapter 71 No adapter required Long Nozzle Set (80-72)191B03-8 183P96-3 SANDING / POLISHING 197889-6 DUB184 191B21-6 used with Adapter 80-72 used with Adapter 80-72 Front Nozzle Set 197889-6 191B03-8 UB400MP MG SET

used with Adapter MG set

#### **Vacuum Set**

191C15-7

UB401MP

For Model Part No. **DEABHX2500S** BHX2500 Nozzles are fixed BHX2500 Nozzles can be dettached JPABHX2500S BHX2500 Nozzles can be dettached 197234-5 Vacuum Set BHX2500 Dust Bag Flat Nozzle Flat nozzl Pipe End pipe

		6659500901   457029-1 457030-6
Dust bag		GB00000185
Shoulder harness		GB00000198
Wide Vacuum Nozzle	with Rolle	r <b>GB00000165</b>

For Model	Part No.
DUB363	191E19-1
Vacuum nozzle 191E1	9-1 contains the below items
459800-9	127425-4 127502-2
makita	
	Chauldou halt
Dust bag <b>162697-4</b>	Shoulder belt 162698-2

## OPE

CLEANING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### Flex Nozzle (allows concentrated airflow)

**DUB187** 

411891-8

For Model	Туре	Size (mm)	Part No.
DUB18, UB1100, UB1101, DVC350	Standard Equipment	220	132025-7
DUB182, UB1100, UB1101, DVC350	-	430	134182-7
UB1102, UB1103, UB100D, DUB185	Standard Equipment	220	123245-4
UB1102, UB1103, UB100D, DUB185	-	430	123246-2

used with Adapter MG set

#### Flexible Hose Set (for vacuum option)

191750-9

191496-7

	For Model		Part No.
Total length: 95 cm	10	UB1100, UB1101, DUB182	191750-9
Corner Nozzle: Straight Pine: Flexible Hose Attachment	1	UB1102, UB1103, UB100D, DUB185	196643-5

#### Brush nozzle, Wiper Nozzle for blowers (UB1102/103, UB100D, DUB185)

Brush nozzle set Part No. 191M30-1

Specially designed to brush and blow away dust and fine debris, enabling easy sash cleaning or removal of dust or pollen from clothes



Wiper nozzle set for blowing away water parts Part No. 191M32-7

To be connected using Flexible hose set Part No. 191M34-3



Flexible hose set Part No. 191M34-3
For connecting the brush nozzle or the wiper nozzle to the main unit



#### Dust Bag (cloth bag for efficient collection)

Thakita.	15



For Model	Part No.
UB1100, UB1101	122321-1
UB1102/103, UB100D, DUB185	123241-2
DUB182	122814-8
UB0801V	GT31105808

#### Attachments for AS001G / DAS180 Dust blower / inflator

Attachments for Assoc	11G / DAS180 Dust blower / Inflator	
Туре		Part No.
Nozzle 13 set	Nozzle diameter: ø13mm - For blow-off works - For inflating large play pools, etc.	191X15-3
Nozzle 7 set	Nozzle diameter: ø7.0mm - For filter cleaning	191X13-7
Nozzle 3 set	Nozzle diameter: ø3.0mm	191X11-1
Flexible nozzle Complete set	Nozzle diameter: ø6.0x800 (Hose) - For blowing dust away from equipment or narrow spaces	191X21-8
Wide range nozzle set	Nozzle diameter: ø6.0mm (each hole) - For wide range blow-off	191X19-5
Pinch valve nozzle set	Nozzle diameter: ø7.0mm For inflating/deflating	191X17-9
Long nozzle set	Nozzle diameter: ø8.0mm - For cleaning anchor holes - For cleaning narrow spaces	191X78-9
Air vent hose complete set	Nozzle diameter: 13mm For inflating/deflating (Remove Dust cap complete from the machine and attach this hose.)	191X23-4
Rubber attachment 20-30 set	Nozzle diameter: 7.0mm For deflation large play pools and inflatable beds etc	*191X25-0
Rubber attachment 65 set	Nozzle diameter: ø65mm For deflating futon (bedding) compression bag	*191X27-6
Filter C complete set	For use of the machine in a dusty environment (Remove Dust cap complete from the machine and attach this Filter.)	191X29-2

\*Used by attaching to Nozzle 13 and Air vent hose

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS / COMBINATION SET

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING **Mist Blower Accessories** 

Туре	For Model	Recommended use	Part no.
Diffusion Cover	PM001G	Diffuse the mist by attaching the diffusion cover to the end nozzle	453506-1
Deflector Cover	PM001G	Discharge the mist upward or downward by attaching the deflector to the end nozzle	198248-7
Band 25 Set	PM001G		196733-4

CUTTING (CONCRETE / METAL)

## **Sprayer Accessories**

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

	For Model	Recommended use	Part no.
ong two head nozzle	EF1550RH, EVH2000	Wide spraying with wide angle outlet	6949001000
Y-shaped double nozzle	DVF104	Ideal for herbicides and soil conditioning and watering applications	6958029000
Wide angle nozzle	DVF104	Useful for pesticide, insecticide and fungicid applications	6958028000
Measuring Cup	DUS054, US053D	-	PR00000180
Nozzle Head	DUS054, US053D	-	PR00000142
Shoulder Strap	DUS054, US053D	-	PR00000128
Spray wand	DUS054, US053D	-	PR00000145
Wand Hook	DUS054, US053D	-	PR00000144
Spray Hose Assembly	DUS054, US053D	-	PR0000015
Handle Set	DUS054, US053D	-	PR00000153
Handle Trigger Assembly	DUS054, US053D	-	PR00000148
Twin Head Mist Nozzle Assembly	DUS108_DUS158		■ PR00000255
Single Nozzle Assembly	DUS108_DUS158		■ PR0000025
Spray Wand Assembly	DUS108_DUS158		■ PR00000260
Shoulder Harness	DUS108_DUS158		■ PR00000319

## **Lawn Mower Accessories**

#### **Lawn Mowers Blade**



For Model         Size (mm)         Part no.           DLM330         330         GB00000042           DLM382         380         191D41-2           DLM460         460         199367-2           DLM431         430         197761-2           LM001C, DLM530, DLM531, DLM532, DLM533         530         191D52-7           LM001J, DLM480, DLM481         480         191V96-5           LM3310         330         671142202           ELM3320         330         YA00000745           ELM3311         330         671002550           ELM3710         370         671002549           ELM3720         370         YA00000746           ELM4110         410         671001427           PLM4110         410         671001433           ELM410, ELM4611, ELM4612, ELM4613         460         671014610           PLM4620N, PLM4621N, PLM4622N         460         671001451           PLM5113N2         510         DA00000973           PLM5112         510         664004381           DLM530, DLM533, DLM533, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J         530         191W87-2           DLM530, DLM531, DLM532, DLM533, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J         530<			
DLM382  DLM460  460  199367-2  DLM431  LM001C, DLM530, DLM531, DLM532, DLM533  LM004J, LM002J, LM002G, DLM538, DLM539  LM001J, DLM480, DLM481  ELM3310  ELM3320  ELM3320  ELM3311  330  671142202  ELM3711  370  671002550  ELM3712  ELM3710  ELM3710  ELM3710  ELM3710  ELM3710  ELM3710  ELM3710  ELM3710  ELM3720  ELM3720  ELM3720  ELM3720  ELM3720  ELM4110  PLM410  FLM4620N, PLM4621N, PLM462N  PLM4620N, PLM4621N2, PLM462N  PLM5113N2  PLM5113N2  PLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, D	For Model		Part no.
DLM460 460 199367-2  DLM431 430 197761-2  LM001C, DLM530, DLM531, DLM532, DLM533 530 191D52-7  LM004J, LM002J, LM002G, DLM538, DLM539 530 191V96-5  LM001J, DLM480, DLM481 480 191V97-3  ELM3310 330 671142202  ELM3320 330 YA00000745  ELM3311 330 671002550  ELM3710 370 671002550  ELM3711 370 671002549  ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, DLM533, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533,	DLM330	330	GB00000042
DLM431	DLM382	380	191D41-2
LM001C, DLM530, DLM531, DLM532, DLM533 530 191D52-7  LM004J, LM002J, LM002G, DLM538, DLM539 530 191V96-5  LM001J, DLM480, DLM481 480 191V97-3  ELM3310 330 671142202  ELM3320 330 YA00000745  ELM3311 330 671002550  ELM3710 370 671014142  ELM3711 370 671002549  ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 67101451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, DLM534, DLM534, DLM534, DLM534, DLM534, DLM534,	DLM460	460	199367-2
LM004J, LM002J, LM002G, DLM538, DLM539       530       191V96-5         LM001J, DLM480, DLM481       480       191V97-3         ELM3310       330       671142202         ELM332Q       330       YA00000745         ELM3311       330       671002550         ELM3710       370       671014142         ELM3711       370       671002549         ELM372Q       370       YA00000746         ELM4110       410       671001427         PLM411Q       410       671001433         PLM412Q       410       671001433         ELM4610, ELM4611, ELM4612, ELM4613       460       671146102         PLM4620N2, PLM4621N2, PLM4622N       460       671001451         PLM5113N2       510       DA00000973         PLM5112       510       664004381         DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J       530       191W87-2         DLM530, DLM531, DLM532, DLM533, DLM533,       191Y65-4	DLM431	430	197761-2
LM001J, DLM480, DLM481       480       191V97-3         ELM3310       330       671142202         ELM3320       330       YA00000745         ELM3311       330       671002550         ELM3710       370       671014142         ELM3711       370       671002549         ELM3720       370       YA00000746         ELM4110       410       671001427         PLM4110       410       671001433         PLM4120       410       671001433         ELM4610, ELM4611, ELM4612, ELM4613       460       671146102         PLM4620N, PLM4621N, PLM4622N       460       671014610         PLM5113N2       510       DA00000973         PLM5112       510       664004381         DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J       530       191W87-2         DLM530, DLM531, DLM532, DLM533, DLM533,       530       191Y65-4	LM001C, DLM530, DLM531, DLM532, DLM533	530	191D52-7
ELM3310 330 671142202  ELM3320 330 YA00000745  ELM3311 330 671002550  ELM3710 370 671014142  ELM3711 370 671002549  ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, DLM533, DLM533, DLM533, DLM533, LM001C, LM002G, LM002J, LM004J	LM004J, LM002J, LM002G, DLM538, DLM539	530	191V96-5
ELM3320 330 YA00000745  ELM3311 330 671002550  ELM3710 370 671014142  ELM3711 370 671002549  ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	LM001J, DLM480, DLM481	480	191V97-3
ELM3311 330 671002550  ELM3710 370 671014142  ELM3711 370 671002549  ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191W87-2	ELM3310	330	671142202
ELM3710 370 671014142  ELM3711 370 671002549  ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	ELM3320	330	YA00000745
ELM3711 370 671002549  ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	ELM3311	330	671002550
ELM3720 370 YA00000746  ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191W87-2	ELM3710	370	671014142
ELM4110 410 671001427  PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	ELM3711	370	671002549
PLM4110 410 671001433  PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191W87-2	ELM3720	370	YA00000746
PLM4120 410 671001433  ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, DLM533, 530 191Y65-4	ELM4110	410	671001427
ELM4610, ELM4611, ELM4612, ELM4613 460 671146102  PLM4620N, PLM4621N, PLM4622N 460 671014610  PLM4620N2, PLM4621N2, PLM4622N2 460 D671001451  PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	PLM4110	410	671001433
PLM4620N, PLM4621N, PLM4622N       460       671014610         PLM4620N2, PLM4621N2, PLM4622N2       460       D671001451         PLM5113N2       510       DA00000973         PLM5112       510       664004381         DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J       530       191W87-2         DLM530, DLM531, DLM532, DLM533,       530       191Y65-4	PLM4120	410	671001433
PLM4620N2, PLM4621N2, PLM4622N2  PLM5113N2  PLM5112  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, DLM533, DLM533, DLM533, DLM533, DLM534, DLM535, DLM535, DLM536, DLM536, DLM537, DLM537, DLM537, DLM537, DLM538, D	ELM4610, ELM4611, ELM4612, ELM4613	460	671146102
PLM5113N2 510 DA00000973  PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	PLM4620N, PLM4621N, PLM4622N	460	671014610
PLM5112 510 664004381  DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	PLM4620N2, PLM4621N2, PLM4622N2	460	D671001451
DLM530, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	PLM5113N2	510	DA00000973
DLM539, LM001C, LM002G, LM002J, LM004J  DLM530, DLM531, DLM532, DLM533, 530 191Y65-4	PLM5112	510	664004381
		530	191W87-2
	DLM538, DLM539, LM001C, LM002G,LM002J, LM004J	530	■ 191Y65-4
DLM530, DLM531, DLM532, DLM533, DLM538, DLM539, LM001C, LM002G,LM002J, LM004J 530 413L57-8		530	■ 413L57-8

## **Rotary lawnmower 4 swing back blade**

- 4 swing back blades have been designed to withstand harsh conditions.
- 4 swing back blades provides a clean and efficient cut with reduced chance of solid objects being struck and causing damage.





For Model	Size (mm)	Part no.
LM001C, DLM531, DLM532, DLM533	530	191D50-1

Replacement blade (4 pc.): 191D48-8

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

10013

SPECIALTY

HAND TOOLS /
COMBINATION SET

DRILLING / FIXING

## Earth auger drill bit series

With Earth auger

With Driver Drill

With Impact Wrench



MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

with Laith auger	with priver priii	vvicii iiiipact vvreiicii
		The same of the sa

Bit diameter											
Work example	20mm	25mm	30mm	35mm	40mm	50mm	60mm	80mm	100mm	150mm	200mm
Work example	13/16"	1"	1-3/16"	1-3/8"	1-9/16"	2''	2-3/8"	3-5/32"	4"	6"	8"
Holes for greenhouse pipes	lacksquare				$\rightarrow$						
Holes for general pipes	,					<del></del>	<b>→</b>				
Holes for planting thin trunk trees							<del></del>	$\rightarrow$			
Holes for general wooden stakes								$\leftarrow$			
Holes for planting thick trunk trees									<del></del>		

For Model	Shank type	Image	Bit dia. (mm)	Length (mm)	length (mm)	Note	Part No.
		With adapter D	50			High speed drilling	E-13611
		300	60			50-80mm dia are suitable sizes for drilling	E-13627
		LA CARREST	80	800	550	holes for general pipes, thin truck trees	E-13633
			100	] 000   330	330	400 700	E-07294
		April 1	150			100-200mm dia are suitable for making wider holes to put thick trunk trees, wooden	E-07303
		7.	200			stakes	E-07319
Earth auger	Adapter D	Extension bar	-	540	-		E-07325
		Spare blade	-	-	-	for Earth auger bit 50x800mm	E-13649
			-	-	-	for Earth auger bit 60x800mm	E-13655
			-	-	-	for Earth auger bit 80x800mm	E-13661
			-	-	-	for Earth auger bit 100x800mm	E-07630
			-	-	-	for Earth auger bit 150x800mm	E-07646
			-	-	-	for Earth auger bit 200x800mm	E-07652
		Pin 💍	-	-	-		E-07331
13mm Driver drill			30		200		D-75415
with side grip	Hex shank	A December 1	45		200	Shorter working length of the drill bits allow for drilling shallow holes. Ideal for use in fields and home gardens that do not require	D-75421
- Par			70	600	200		D-75437
<u>.</u>		4	100		240	deep holes.	D-75443
			130		280		D-75459
3/4" Impact Wrench		With socket, pin and O-ring	20			Suitable for installing wooden/metal poles	B-54302
			25		on the ground for preparing Greenhouse or	B-54318	
I	3/4'		30	600	530	farming and to be used for installing fence for camping sites and fixing poles in desert	B-54324
		SARABARA	35	35	camp areas	B-54330	

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALT

HAND TOOLS / COMBINATION SET

## **OPE Maintenance Kits - Accessories**

#### **Maintenance kit**

Part No. For Model EM2650UH/LH, EN4950H, EX2650, EY2650 197680-2 Maintenance kits comes with spark plug, air filter and fuel filter which 197690-9 RBC411 are needed for scheduled 197688-6 RBC2500, RST250 maintenance to keep the tool in top PM7650 / 51 198936-6 working condition 199003-0 EK7651 198437-4 EB7660TH, EB7660THG, EB7660WH

## **Shoulder Strap**



Part no.

DUR369A, UR002G, UR006G, UR007G, UR012G, UR013G



DUR369A, UR002G, UR006G, UR007G



DUN500W DUR189 DUR190L, DUR192L, DUR194, DUR369A, DUA301, UA004G, UR100D,



Part no.

127508-0

DUR192L, DUR194, UR002G, UR003G; UR006G, UR007G, DUR193, DUR194



UB001G **DUB184** DUB362 DVC350 UB001C

122A37-4 122906-3 125516-5

Part no.







## Holder





1911R0-4

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

# Leisure and Jobsite Tools

Makita cordless range also extends to useful leisure and jobsite tools such as Warmer-Cooler Box, Bluetooth Speakers, Radios, Inflators, Flashlights, and even has a cordless Coffee Maker



## **Cordless Cooler & Warmer Box** Keeps food and drinks Cool or Warm in any season

LED display

Provides a clear

temperature and

battery fuel gauge.

50<sub>L</sub>

display of the inside temperature, set

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

GRINDING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

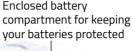
CUTTING (CONCRETE / METAL)

SANDING / POLISHING

NAILERS /

Built-in **USB charging port** 

**Enclosed battery** your batteries protected







IPX4 water resistance

and transport

Compact and portable, fits in your vehicle and doesn't take too much space

CW003G



Built with a highly durable design

Protection against water splash from all direction

Portable for easy storage

Wheels and a pull handle for convenient transport

Capacity

 $7_L$ 



Side grips for easy lifting and shoulder strap for easy carrying (For CW004G. CW001G. CW003G, DCW180)

CW001G

**DCW180** 

two in parallel or one battery



**CW004G** two in parallel or one



Capacity

CW002G two in parallel or one

40V MAX | ( 18V | LXT)

Bottle

opener



CW002G





**20**<sub>L</sub>

**Cordless Cooler & Warmer Box** 





50L

7 Cooling and Warm settings **Compatible with 4 power sources** 

XGT, LXT, 12V/24V DC Socket, AC Power

Note:- Cooler and Warmer box can operate with Two XGT battery (parallel) or Two LXT battery (parallel) or Combination of LXT and XGT battery



1.322	
Capacity	50 L (13.2 gal)
Cooling System	Compressor
Cooling Capacity	-18 / -15 / -10 / -5 / 0 / 5 / 10°C (0 / 5 / 15 / 25 / 30 / 40 / 50°F)
Warming System	Heater
Warming Capacity	30 / 35 / 40 / 45 / 50 / 55 / 60°C (85 / 95 / 105 / 115 / 120 / 130 / 140°F)
Cord Length	AC Adapter / Cigar Socket Cable: 2 / 2.5 m (6.5 / 8.2 ft)
Dimensions (L x W x H)	867 x 465 x 476 mm
Net weight	25.6 kg
	250 kg

Standard Equipment: Automotive Charger Socket

AVA	ILABLE	VARIA	NTS

7 VARIANT

CW002G Z

CW004G







17 Cooling and Warm settings and dual partion mode

Storage of cooler box can be divided in to two portions with the partition plate. Two different temperature settings is possible for each divided portion with dual room mode option.

**Compatible with 4 power sources** 

XGT, LXT, 12V/24V DC Socket, AC Power

Note:- Cooler and Warmer box can operate with Two XGT battery (parallel) or Two LXT battery (parallel) or Combination of LXT and XGT battery



Capacity	29 L (7.7 gal)
Cooling System	Compressor
Cooling Capacity	-18/-15/-10/-5/0/5/10/15/20/25/30/35/40/45/50/55/60°C
Warming System	Heater
Warming Capacity	(0/5/15/25/30/40/50/60/70/75/85/95/105/115/120/130/140°F)
	(Settable max temperature difference between two rooms: 30°C)
Cord Length	AC Adapter / Cigar Socket Cable: 2.2 / 2.5 m (6.5 / 8.2 ft)
Dimensions (L x W x H)	676 x 345 x 471 mm
Net weight	17.5 kg

Standard Equipment: Shoulder belt, Automotive Charger Socket AVAILABLE VARIANTS

7 VARIANT

CW004G Z

CLEANING

HEAT GUN /

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

CW001G 40V MAX | 18V | LXT | DRILLING / Cordless Cooler & Warmer Box 20L CONCRETE DRILLING /
DEMOLITION MIXING / STIRRING 7 Cooling and Warm settings **Compatible with 4 power sources** XGT, LXT, 12V/24V DC Socket, AC Power Note:- Cooler and Warmer box can operate with Two XGT battery (parallel) or Two LXT battery CUTTING (CONCRETE / METAL) (parallel) or Combination of LXT and XGT battery 40Vmax 618V GRINDING 20 L (5.3 gal) Capacity Cooling System Compressor type -18/-15/-10/-5/0/5/10° (0/5/15/25/30/40/50°F) **Cooling Capacity** Warming System Heater SANDING / POLISHING 30 / 35 / 40 / 45 / 50 / 55 / 60°C (85 / 95 / 105 / 115 / 120 / 130 / 140°F) Warming Capacity with BL4050F x 2, -18°C / 5°C / 60°C: 10h / 28h / 8.5h Cord Length AC Adapter / Cigar Socket Cable: 2 / 2.5 m Dimensions (L x W x H) 663x341x372 mm Net weight 13.5kg (without battery) SAWING Standard Equipment: Automotive Charger Socket, Shoulder Strap AVAILABLE VARIANTS Z VARIANT

CW003G 40V MAX | ( 18V | ( 18V | Cordless Cooler & Warmer Box 7L 7 Cooling and Warm settings **Compatible with 4 power sources** XGT, LXT, 12V/24V DC Socket, AC Power Note:- Cooler and Warmer box can operate with Two XGT battery (parallel) or Two LXT battery (parallel) or Combination of LXT and XGT battery 40V max 18V 7 L (1.8 gal) Capacity Cooling System -18 / -15 / -10 / -5 / 0 / 5 / 10°C (0 / 5 / 15 / 25 / 30 / 40 / 50°F) **Cooling Capacity Warming System** Warming Capacity Run Time Hrs 30 / 35 / 40 / 45 / 50 / 55 / 60°C (85 / 95 / 105 / 115 / 120 / 130 / 140°F) with BL4040, -18 / 5 / 60°C: 5.5 / 13.5 / 5.5hrs AC Adapter / Cigar Socket Cable: 2 / 2.5 m Cord Length Dimensions (L x W x H) 456 x 245 x 308 mm Net weight 7.9kg (without battery) Standard Equipment: Automotive Charger Socket, Shoulder Strap AVAILABLE VARIANTS 7 VARIANT CW003G Z

ROUTERS / PLANERS

MULTI-TOOL

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DCW180** 

CW001G Z

18V | **LXT** 



**Cordless Cooler & Warmer Box** 



**20L** 

#### **Five Cooling and Two Warm settings. Compatible with 3 power sources**

- 12V/ 24V DC cigarette lighter socket for car, truck and boat
- Two LXT battery terminals for increased runtime. However cooler and warmer will operate on a single 18V LXT battery
- AC Power (through AC adapter)



Capacity	20 L (5.3 gal)
Cooling System	Compressor type
Cooling Capacity	-18 / -10 / 0 / 5 / 10°C (0 / 15 / 30 / 40 / 50°F)
Warming System	Heater
Warming Capacity	55 / 60°C (130 / 140°F)
	with BL1860B x 2 -18°C / 5°C / 60°C: 5 / 17 / 4 hrs
Cord Length	AC Adapter / Cigar Socket Cable: 2 / 2.5 m
Dimensions (L x W x H)	623x341x371.5 mm
Net weight	13 kg (without battery)

Standard Equipment: Ac Power Adapter, Automotive Charger Socket, Shoulder Strap

#### AVAILABLE VARIANTS

"Z" VARIANT

DCW180 Z
'SOES NOT INCLUDE BATTERY / CHARGER)

#### MW001G

40V MAX

#### Cordless Microwave

DE BATTERY / CHARGER)





8L

#### The 40V Max XGT Microwave is compact and versatile with 8L of space for warming or defrosting food.

- 2 power output modes high: 500W and Low: 350W in an inverter design without a spinning table.
- More energy efficient, evenly heating food without any hot or cold spots.
- High durable design with tempered glass door and dust and water-resistant
- Powered by a single 40V Max battery with two terminals for increased runtime. @500W power:- Up to15mins with 2x 4.0Ah batteries and up to 35mins with 2x 8.0Ah Batteries

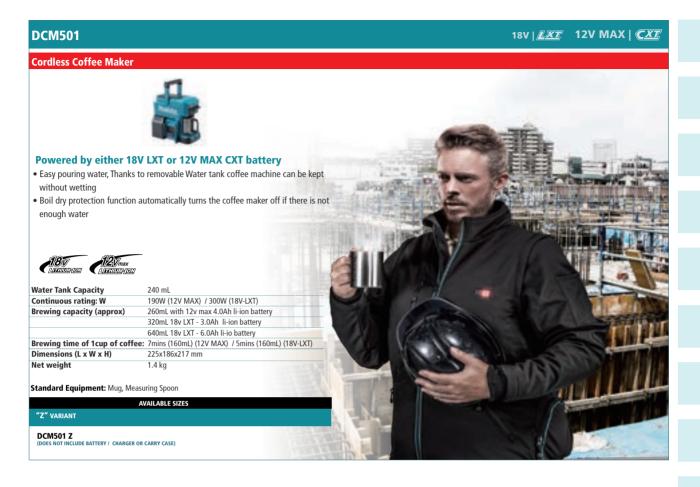


Capacity	8 L (5.3 gal)
Output power	High: 500 W / Low: 350 W
USB port	Yes - 1 Port (2.4A)
Inside dimensions (L x W x H)	255 x 241 x 120 mm
Overall dimensions (L x W x H)	318 x 343 x 338mm
Net weight	9.9 kg (with 4.0Ah battery)

#### AVAILABLE VARIANTS

"7" VARIANT

MW001G Z



40V MAX | (XS) **KT001G Cordless Kettle** 



#### Powered by two 40v Max XGT batteries in parallel (works with single XGT battery as well).

- Dual layer structure of inner stainless layer and outer plastic layer provides high heat retention while keeping kettle surface cool
- Equipped with an anti-spill lock button to minimise accidental spilling of hot water
- Easy to carry around: Kettle can be transferred easily on power supply stand by holding the carrying handle of the stand
- Boil-dry protection, Auto shut-off after boiling with warning buzzer



Boiling time (water)	8 min (0.8L water from 23 °C)
Water tank capacity	0.8 L
Dimensions (L x W)	233 x 322 x 307mm
Net weight	1.0kg (without battery)





AVAILABLE SIZES	
"Z" VARIANT	
KT001G Z (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)	

**DKT360** 18Vx2 /LX1

#### **Cordless Kettle**





Powered by two 18V LXT Li-Ion batteries • Dual layer structure of inner stainless layer and outer plastic layer provides high heat retention while keeping kettle surface cool

• Equipped with an anti-spill lock button to minimise accidental spilling of hot water

• Easy to carry around: Kettle can be transferred easily on power supply stand by holding the carrying handle of the stand

Boil-dry protection, Auto shut-off after boiling with warning buzzer

## 1994 **H** 1994 **Þ 36** V/ [U**ITHU**IH **Þ**IN

Boiling time (water)	8 min (0.8L water from 23 °C)
Water tank capacity	0.8 L
Dimensions (L x W)	233 x 263 x 307 mm
Net weight	1.0kg (without battery)

Mug Part No: KF00000020 (240 mL)



AVAILABLE SIZES	
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"7" VARIANT

**DKT360 Z** (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

DRILLING /

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### DFJ206 / DFJ207 / DFJ304 / DFJ405 / DFJ407

18V | **LXT** 12V MAX | **CXT** 

#### **Cordless Fan Jacket**



**For General Work** 



**For Grinding Work** 



**For Outdoor Work** 

Makita Cordless Fan jackets are works with LXT or CXT battery holders (Battery Holder will not come along with the Cordless fan jacket and will be available as an optional accessories)

- Equipped with two pieces of flat fan units for increased comfort
- Fall prevention loops for fan units
- The strength of battery pockets are improved with two snap buttons
- Stand-up collar jackets: Cool air flows into helmet through stable stand-up collar for increased comfort
- Mesh pockets are provided on the back for storing ice packs





Run Time (hrs)	with BL1860B Low / Medium / High: 40 / 26.5 / 18.5
Air Flow	Turbo / High / Medium / Low: 2.1 / 1.9 / 1.5 / 1.3 m³/min
Size	M / L / XL
Pockets	5
Net weight	Jackets without hood: 360 g /
	Jackets with hood: 380 g

AVAILABLE SIZES (Z VARIANT)						
FOR	CLOTH TYPE	COLLAR	MEDIUM	LARGE	EXTRA LARGE	
General work	Polyester	Standup Collar	DFJ206 MZ	DFJ206 LZ	DFJ206 XLZ	
General work	Polyester	With hood	DFJ207 MZ	DFJ207 LZ	DFJ207 XLZ	
Grinding work	Cotton	Standup Collar	DFJ304 MZ	DFJ304 LZ	DFJ304 XLZ	
Outdoor work	Titanium + Polyester	Standup Collar	DFJ405 MZ	DFJ405 LZ	DFJ405 XLZ	
Outdoor work	Titanium + Polyester	With hood	DFJ407 MZ	DFJ407 LZ	DFJ407 XLZ	

(CORDLESS FAN JAKCETS DOES NOT INCLUDE THE BATTERY HOLDER OR BATTERY / CHARGER AND CARRY CASE)

#### Accessories **Battery Holders**



LXT battery holder compatible with All 18V and14.4V LXT Li-ion batteries PART NO: 198732-2

CXT battery holder compatible with All 10.8V/12V MAX CXT Li-ion batteries PART NO: 198637-6



Adapter comes with USB output port which can charge mobiles and other chargeable devices (usb cable is not part of the adapter)

#### DFJ212 / DFJ213 / DFJ214 / DFV210

18V | /LXT

Polyester

12V MAX | CXT

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**Cordless Fan Jacket** 

Polyester High-repellency fabric Stand-up collar with stow

■ DFJ212

Polyester



Polyester Water repellency, antistatic fabric Stand-up collar



Stand-up collar Vest type ■DFV210

Makita Cordless Fan jackets are works with LXT or CXT battery holders (Battery Holder will not come along with the Cordless fan jacket and will be available as an optional accessories)

- Selectable 3 air flow modes (High/ Medium/ Low) + Turbo mode
- Fan units equipped with BL motor
- Appearance is highly visible, form is hardly expandable and improves the comfort to wear. (only for DFJ214)
- Form is hardly expandable and improves the comfort to wear (only for DFV210/ DFJ212/ DFJ213)
- Stand-up collar jackets: Cool air flows into helmet through stable stand-up collar for increased comfort

# Stay cool in hot harsh job sites Effective cooling air flow generated by two Fan units with BL motor





Insert supporting ■DFJ212 ■ DFV210



Velcro tabs for cuff ■ DFJ212



Drawcord on hem for adjustable fit ■ DFJ212



Zip fastener with quick release function ■ DFJ213 ■ DFJ214



Snap button and rubber shirring for hem adjustment ■ DFJ213 ■ DFJ214



Antistatic DFJ214



Retroreflective ■ DFJ214

18V	



Run Time (hrs)	33 / 24.5 / 13.5 hrs (with BL1860B)
	13 / 9 / 5 hrs (with BL1041B)
Size	M / L / XL / 2XL
Pockets	5 (DFJ213) (DFJ214) / 4 (DFJ212) / 3 (DFV210)
Net weight	0.43kg (DFJ212) / 0.54kg (DFJ213) (DFJ214) / 0.38kg (DFV210)

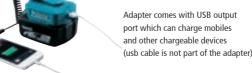
AVAILABLE SIZES (Z VARIANT)				
TYPE	MEDIUM	LARGE	EXTRA LARGE	2 EXTRA LARGE
Casual	DFJ212Z M	DFJ212Z L	DFJ212Z XL	DFJ212Z 2XL
Working wear	DFJ213Z M	DFJ213Z L	DFJ213Z XL	DFJ213Z 2XL
high visibility	DFJ214Z M	DFJ214Z L	DFJ214Z XL	DFJ214Z 2XL
Vest	DFV210Z M	DFV210Z L	DFV210Z XL	DFV210Z 2XL
(CORDI ESS FAN IAVCETS DO	DEC NOT INCLUDE THE DATE	ERV HOLDER OR BA	TTERM / CHARGER AN	D CARRY CACE)

#### Accessories I **Battery Holders**



All 18V and 14.4V LXT Li-ion batteries





CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM



18V LITHUMHON LXT Run Time (hrs) Low / Medium / High: 28 / 16 / 8 (with BL1850B) Total / Shoulders / Back: 2 / 1 / 1 Heat Zones High / Medium / Low Heat Settings Available Size M/L/XL Pockets 0.66 kg (Jacket+fan) Net weight Standard Equipment: Battery holder, pouch

Z VARIANT / Medium	Z VARIANT / Large	Z VARIANT / Extra Large
DCV200 ZM	DCV200 ZL	DCV200 ZXL
(DOES NOT INCLUDE BATTERY /	(DOES NOT INCLUDE BATTERY /	(DOES NOT INCLUDE BATTERY /
CHARGER OR CARRY CASE)	CHARGER OR CARRY CASE)	CHARGER OR CARRY CASE)

AVAILABLE SIZES



# 40V MAX | **₹**₹

#### **Cordless Inflator**

**MP001G** 



#### Ideal for inflating tires of trucks and large vehicles etc.

- 1,110kPa (161psi) maximum air pressure for inflating a wide variety of equipment
- High discharge volume at 24L/min for fast inflation times
- Air release function in case of over-inflation or to reduce the air pressure
- Large digital backlit display, shows current and target air pressure together
- 3 Inflation modes (High speed, Low speed or Ball modes)
- Auto-stop function, inflator shuts down once target pressure is achieved
- Rated operating time: 10 min On/ 5 min Off



Air Discharge Amount	200 kPa: 24 L/min   700 kPa: 12 L/min
Max Air Pressure	1,110 kPa (161 PSI) [11.1 bar]
Hose Length	65 cm
Sound Pressure Level	71 dB(A)
Vibration Level	3.8 m/s <sup>2</sup>
Dimensions (L x W x H)	272 x 108 x 231
Net Weight	2.2 kg (without hattery)

rd Fauinment: British Adanter French Adanter Ball Adanter Swim Ring Adanter

otandard Equipment: British Adapter, French Adapter, Ball Adapter, Swilli King Adapter		
AVAILABLE VARIANTS		
"Z" VARIANT		
MP001G Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)		

### **DMP181**





#### **Cordless Inflator**



#### Ideal for inflating tires of trucks and large vehicles etc.

- 1,110kPa (161psi) maximum air pressure for inflating a wide variety of equipment
- High discharge volume at 24L/min for fast inflation times
- Air release function in case of over-inflation or to reduce the air pressure
- Large digital backlit display, shows current and target air pressure together
- 3 Inflation modes (High speed, Low speed or Ball modes)
- Auto-stop function, inflator shuts down once target pressure is achieved
- Rated operating time: 10 min On/ 5 min Off

<b>3</b> [D		<u>LXT</u>
Air Dischar	ge Amount	

Air Discharge Amount	200 kPa: 22 L/min   700 kPa: 11 L/min
Max Air Pressure	1,110 kPa (161 PSI) [11.1 bar]
Hose Length	65 cm (25-1/2")
Sound Pressure Level	70 dB(A)
Vibration Level	3.6 m/s <sup>2</sup>
Dimensions (L x W x H)	272 x 108 x 231
Net Weight	2.1kg (without battery)

Standard Equipment: British Adapter, French Adapter, Ball Adapter, Swim Ring Adapter

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	AVAIL	ADLEVAD	LANTE			

"Z" VARIANT

#### DMP181 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

**DMP180** 18V | /LXT

#### **Cordless Inflator**



#### Compact inflator for inflating tires of Car, Bike, Cycle and also the beach toys

- 830kPa (111psi) maximum air pressure for inflating a wide variety of equipment
- Digital pressure indicator shows current or target air pressure
- 3 Inflation modes (High speed, Low speed or Ball modes)
- Auto-stop function, inflator shuts down once target pressure is achieved
- Rated operating time: 5 min On/ 5 min Off



Max air Pressure	830 kPa (121 PSI) [8.3 bar]
Air Discharge Amount	200 kPa: 10 L/min
Hose Length	65 cm (25-1/2")
Dimensions (L x W x H)	w/ BL1860B: 266x76x174 mm
Net weight	1.0 kg (without battery)
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Standard Equipment: British Adapter, French Adapter, Ball Adapter, Swim Ring Adapter

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DMP180 Z
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### **MP100D** 12V MAX | **CXT**

#### **Cordless Inflator**



#### Compact inflator for inflating tires of Car, Bike, Cycle and also the beach toys

- 830kPa (111psi) maximum air pressure for inflating a wide variety of equipment
- Digital pressure indicator shows current or target air pressure
- 3 Inflation modes (High speed, Low speed or Ball modes)
- Auto-stop function, inflator shuts down once target pressure is achieved
- Rated operating time: 5 min On/ 5 min Off



Max air Pressure	830 kPa (121PSI)
Air Discharge Amount	200 kPa:10 L/min
Hose Length	65 cm (25-1/2")
Dimensions (L x W x H)	w/ BL1021B: 235x74x173 mm
	w/ BL1041B: 255x74x173 mm
Net weight	0.97 kg (without battery)

Standard Equipment: British Adapter, French Adapter, Ball Adapter, Swim Ring Adapter

#### AVAILABLE VARIANTS

#### "Z" VARIANT

MP100D Z (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

GRINDING

CUTTING (CONCRETE / METAL)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

### Inflators work amount comparison chart

	Light Truck	Car	Tractor	Bicycle	Road Bike	Ball	Beach ball / Swim ring
Valve shape					-		-
Adapter	American		British Part No. TE00000597	French  Part No. TE00000594	For Balls  Part No. TE00000592	Swim rings Beach balls Part No. TE00000333	
	Light Truck Tyre	Regular Car Tyre	Tractor Tyre	Bicycle Tyre	Road Bike Tyre	Ball Tyre	Beach Ball
Objects Conditions	Size: 205/70R16 O→600kPa High Speed Mode	Size: 215/60R16 0→250kPa High Speed Mode	Size: 7 - 14 0+180kPa High Speed Mode	Size: 26 inch O+300kPa Low Speed Mode	Size: 700x23C 0→700kPa High Speed Mode	Size: 700x23C 0+90kPa Ball Mode	Size: 30cm High Speed Mode
MP001G Work amount (BL4040)	4 times	19 times	32 times	<b>780</b> times	125 times	310 times	140 times
DMP181 Work amount (BL1860B)	3 times	14 times	25 times	500 times	110 times	230 times	120 times
DMP180 Work amount (BL1850B)	-	9 times	-	166 times	92 times	142 times	121 times
MPI00D Work amount (BL1020)	-	2 times	-	46 times	20 times	63 times	54 times

All the above values are approximate and calculated with the fully charged battery

**Air chuck for double tire** - Used for a big vehicle such as truck or bus. Able to inflate the backside of double tire

Air chuck (head angle 0 degree) - TE00000796 Air chuck (head angle 30 degrees) - TE00000691 ■





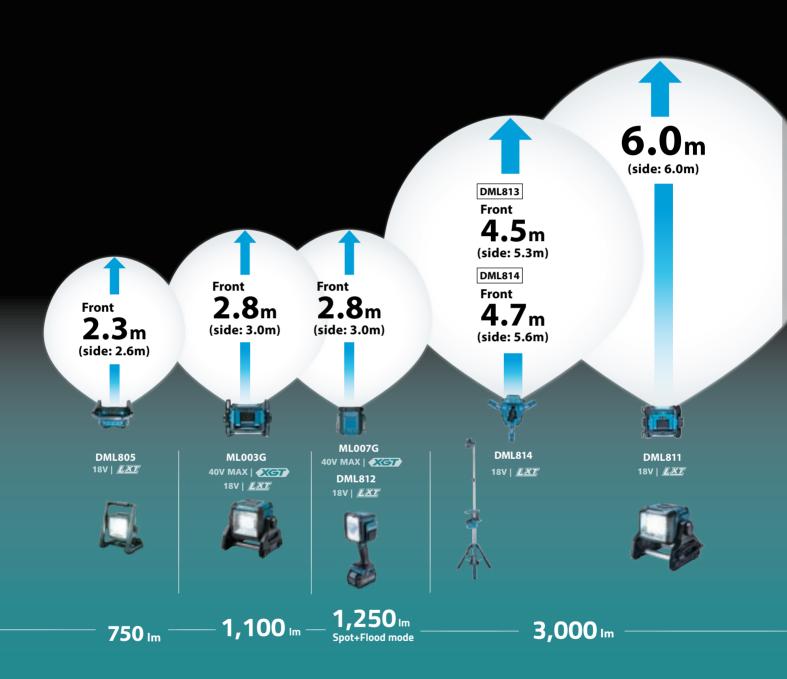


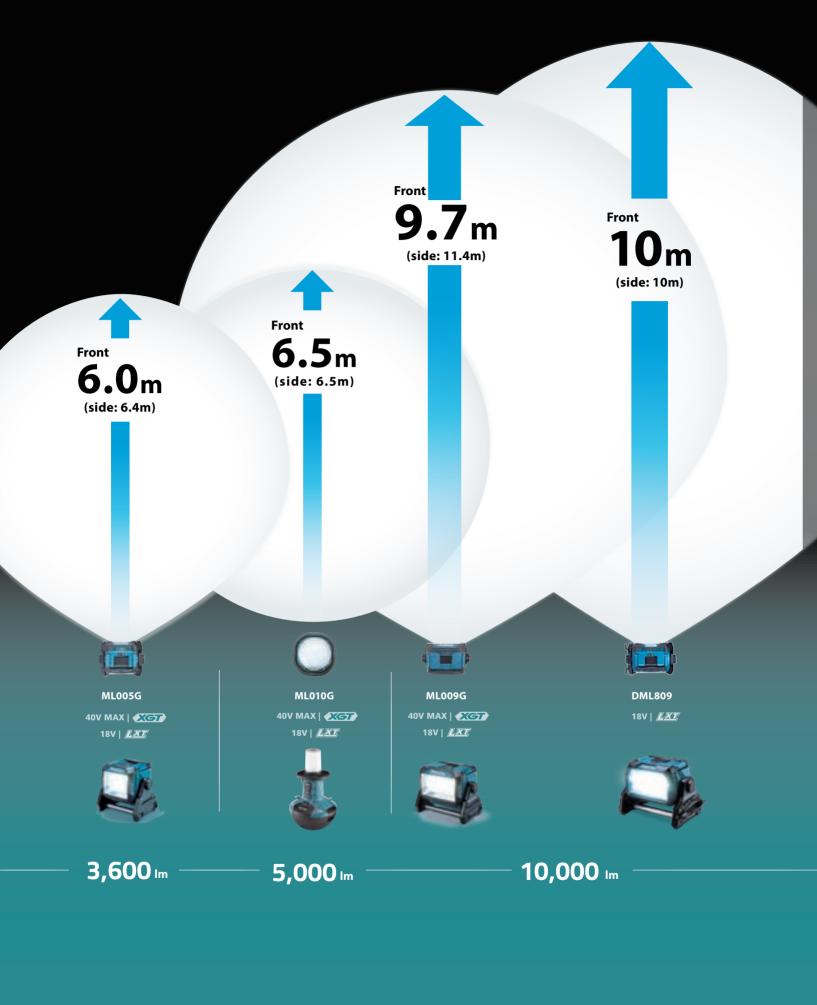


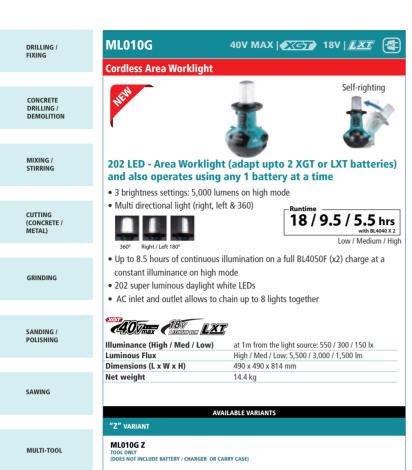




# **Lighting Coverage**









420x420x787 mm

15.3 kg

AVAILABLE VARIANTS

Dimensions (L x W x H)

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

Net weight

DML810 Z



#### NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# DML814

## Cordless Area Worklight



#### 3 brightness settings: 3,000 lumens on high mode

- Two lighting modes: Spot lighting / Area lighting
- Telescopic light mast enables lighting at a height up to 2.2m
- IP55 certified weather and dust resistance
- Highly stable tripod base, foldable into a compact size for simple storage and transport
- Shoulder belt attachable to the worklight or tool bag for comfortable carrying

# CHANGE LXT

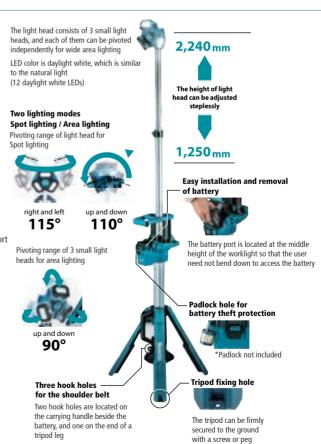
Run Time (hrs)	w/ BL1850(B) Low / Mid / High: 10 / 5.5 / 3
Illuminance (High / Mid / Low)	at 1m from the light source: 1,250 / 750 / 400 lx
	at 3m from the light source: 130 / 80 / 40 lx
	at 5m from the light source: 50 / 30 / 15 lx
Luminous Flux	High / Mid / Low: 3,000 / 1,700 / 900 lm
Dimensions (L x W x H)	Folding Position: 260x216x1,000 mm
	Operating Position (Max Height): 573x658x1,250-2,240 mm
Net weight	7.9 kg

#### AVAILABLE VARIANTS

## "Z" VARIANT

#### DML814 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)





#### ML009G 40V MAX | ( 18V | ( 18V |

#### **Cordless Area Worklight**

Tripod 1 (Optional) GM00002378 ( for one light)

Vise (optional) Part # GM00001396

Angle glare film (optional) GM00002376

Lam shade (optional) GM00002377





14/6.5/2.4 hrs Low / Medium / High with BL4040 x 2

Two XGT battery terminals (Parrallel) / Two LXT battery terminals (Parrallel) or works with single XGT or LXT battery or with combination of XGT & LXT battery

- 3-mode operation: delivers 10,000 lumens on high mode
- Battery capacity warning function
- IP65 certified Dust and Water resistance



Illuminance (High / Mid / Low)	at 1 m from the light source: 4,300 / 1,900 / 1,000 lx
Luminous Flux	High / Mid / Low: 10,000 / 4,000 / 2,000 lm
Lighting Coverage	Front / Sides: 9.7 / 11.4 m
Dimensions (L x W x H)	w/ Handle in Retracted Position: 248 x 386 x 305 mm
	w/ Handle in Upright Position: 248 x 386 x 430 mm
Net weight	6.1 kg (without battery)

#### ML009G Z

DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN /

#### ML005G

#### 40V MAX | 18V | LXT

#### **Cordless Area Worklight**

Tripod 1 (Optional) GM00002378 (Adapt one worklight)

Flat bar (Optional) GM00002379 (Adapt two worklights) (Tripod 1 is required to fix flat bar)

Tripod 2 (Optional) GM00002073 (Adapt one or two worklights) flat bar not required

Works with single XGT or LXT battery

• IP65 certified Dust and Water resistance

• Battery capacity warning function

• 3-mode operation: delivers 3,600 lumens on high mode

Vise (optional) Part # GM00001396 Angle glare film (optional) GM00002359

Lamp shade (optional) GM00002358



15 / 7.5 / 3.5 hrs

Low / Medium / High

with BL4040

#### **ML003G**

#### 40V MAX | ( 18V | ( 18V |

#### **Cordless Area Worklight**

Tripod 1 (Optional) GM00002378 (Adapt one worklight)

Flat bar (Optional) GM00002379 (Adapt two worklights) (Tripod 1 is required to fix flat bar)

Tripod 2 (Optional) GM00002073 (Adapt one or two worklights) flat bar not required

Vise (optional) Part # GM00001396

Angle glare film (optional) GM00002312



22 / 10 hrs Low / High

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### Works with single XGT or LXT battery

- 2 Stage brightness setting controlled by single button switch with memory function
- Battery capacity warning function
- IP65 certified Dust and Water resistance



Run Time (hrs)	Up to: 22 (Low mode) and 10 (High mode)
Туре	20 pcs x 0.6W
Illuminance (High / Low)	500 / 200 lx (at 1m from the light source)
	1,900/ 800 lx (at 0.5m from the light source)
Luminous Flux (High / Low)	1,100 / 450 lm
Dimensions (L x W x H)	249x298x280mm (Handle in Retracted Position)
Net weight	3.4 kg (without hattery)

AVA	LABI	LE V	ARI	ANTS

#### "7" VARIANT

#### MI 003G 7

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

# 40Vmax 18V

Illuminance (High / Mid / Low)	at 1m from the light source: 2,100 / 1,000 / 500 lx
Luminous Flux	High / Mid / Low: 3,600 / 1,800 / 900 lm
Lighting Coverage	High / Mid / Low: 3.5 / 7.5 / 15 h
Dimensions (L x W x H)	w/ Handle in Retracted Position: 248 x 309 x 296 mm
	w/ Handle in Upright Position: 248 x 309 x 423 mm
Net weight	4.6 kg

# AVAILABLE VARIANTS

"Z" VARIANT

ML005G ZX
TOOL WITH LAMP SHADE
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING /
POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

GM00002379 (Adapt two worklights) (Tripod 1 is required to fix flat bar) Tripod 2 (Optional) GM00002073 (Adapt one or two worklights) flat bar not required

Cordless Area Worklight

Tripod 1 (Optional) GM00002378 (Adapt one worklight)

Lamp shade (Optional) GM00002286

**DML809** 

Flat har (Ontional)



7.5 / 3.5 / 1.4 hrs

18V | /L/XT

#### Adapt upto 2 LXT batteries (runs parallel)

- 3-mode operation: delivers 10,000 lumens on high mode
- Up to 1.7 hours of continuous illumination with two 6.0Ah on high mode
- Dust and water-resistant construction (IP65 rated) for improved operation in harsh job site conditions
- L.E.D. lights effectively illuminate work area without the high heat of halogens

ABV LITTHUMHOM LXT

Illuminance (High / Med / Low)	3,800 / 1,500 / 800 lx
	380 / 150 / 80 lx
	150 / 60 / 30 lx
Luminous Flux	10,000 / 4,000 / 2,000 lm
Dimensions (L x W x H)	w/ Handle in Retracted Position: 249x370x278 mm
	w/ Handle in Upright Position: 249x370x370 mm
Not woight	7 0 kg

AVAILABLE VARIANTS "Z" VARIANT

DML809 Z

DL ONLY DES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

**DML805** 

**Cordless Area Worklight** 

Tripod (Optional) GM00002283 Vise (optional) Part # GM00001396





at 0.5m from the light source Hi: 1,150 lx, Lo: 750 lx at 1m from the light source Hi:300 lx, Lo: 200 lx

17 / 8.5 hrs

#### 20 LED - Area Worklight

Illuminance (High / Med / Low)

- 2-Mode operation: delivers 750 lumens on High mode
- Up to 17 hours of continuous illumination with a 5.0Ah battery on Low mode
- Extreme Protection Technology (XPT) is engineered for improved dust and water resistance for operation in harsh conditions (only with DC power)
- L.E.D. lights effectively illuminate work area without the high heat of halogens

Luminous Flux

Net weight

Dimensions (L x W x H)

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM AVAILABLE VARIANTS

2.7 kg

Hi: 750 lm, Lo: 450 lm

214x261x328mm

"Z" VARIANT

DMI 805 7

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

**DML811** 

18V | <u>LXT</u> (4



#### **Cordless Area Worklight**

Tripod 1 (Optional)

GM00002378 (Adapt one worklight)

Flat bar (Optional) GM00002379 (Adapt two worklights) (Tripod 1 is required to fix flat bar)

Tripod 2 (Optional)

GM00002073 (Adapt one or two worklights) flat bar not required

Lamp shade (Optional) GM00002287



13/7/3 hrs Low / Medium / High with BL185

- 2 Stage brightness setting controlled by single button switch with memory function
- Battery capacity warning function
- IP65 certified Dust and Water resistance



Illuminance (High / Med / Low)	1,800 / 800 / 350 lx
	200 / 100 / 40 lx
	85 / 40 / 17 lx
Luminous Flux	3,000 / 1,500 / 750 lm
Dimensions (L x W x H)	w/ Handle in Retracted Position:249x302x271 mm
	w/ Handle in Upright Position: 249x302x361 mm
Net weight	4.8 kg

|--|

DML811 Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)









#### 12 all around LED - Lantern

- 3-stage brightness switch (Full Mode: 710lm | Half Mode: 340lm | Flashlight: 130lm)
- Up to 51 hours of continuous illumination with a 4.0Ah XGT battery on low mode
- Metal hang hook swivels 360° and folds away for added convenience
- Extreme Protection Technology is engineered to provide increased dust and water resistance in harsh job site conditions
- Built-in USB port for charging portable electronic devices (Type A, 5V, 2.4A)



Run Time	Up to: 51hrs (Flashlight mode)
Luminous Flux	Full mode: 710 lm / Half mode: 340 lm /
	Flashlight mode: 130lm
Illuminance	Full brightness: 340 lx / Half brightness: 310 lx/
	Flashlight mode: 1,900lx
Dimensions (L x W x H)	376 x 86 x 137 mm (with hook) (without battery)
Net weight	0.5 kg (without battery)

#### AVAILABLE VARIANTS

"Z" VARIANT

ML002G Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)



#### Cordless Flashlight / Lantern



#### 12 all around LED - Lantern

- 3-stage brightness switch (Full Mode: 710lm | Half Mode: 340lm | Flashlight: 130lm)
- Up to 43 hours of continuous illumination with a 6.0Ah lxt battery on low mode
- Metal hang hook swivels 360° and folds away for added convenience
- Extreme Protection Technology is engineered to provide increased dust and water resistance in harsh job site conditions
- Built-in USB port for charging portable electronic devices (Type A, 5V, 2.4A)



Run Time	Up to: 43hrs (Flashlight mode)
Luminous Flux	Full mode: 710 lm / Half mode: 340 lm /
	Flashlight mode: 130lm
Illuminance	Full brightness: 340 lx / Half brightness: 310 lx/
	Flashlight mode: 1,900lx
Dimensions (L x W x H)	361 x 79 x 155 mm (with hook) (without battery)
Net weight	0.32 kg (without battery)

#### AVAILABLE VARIANTS

DML807 Z

TOOL ONLY

**DML816** 

**Cordless Flashlight** 

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

18V | <u>LXT</u>

75 /34 / 17 hrs

Low / Medium / High with BL1860B

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

ML006G 40V MAX

#### Cordless Flashlight



Can be used as a compact stationary lamp with the light head swivelled and folded fully

#### Rotatable and foldable light head, Max luminous flux: 500 lm

- Light diffusing lens softens the light of LED to reduce glare and also provides widespread illumination.
- Battery capacity warning by LED lights

40Vmax

82 / 40 / 20 hrs

Low / Medium / High with BL4040

## Specification:-

Specification.	
Iluminance (at 0.5m from the light source)	High/ Medium/ Low: 800 / 400 /180 lx
Luminous Flux	High/ Medium/ Low: 500 / 250 / 100 lm
Dimensions (L x W x H)	109 x 79 x 354 -221mm
Net weight	0.42 kg (without battery)

#### AVAILABLE VARIANTS

"Z" VARIANT

#### ML006G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE) Can be used as a compact stationary lamp with the light head swivelled and folded fully

## Rotatable and foldable light head, Max luminous flux: 500 lm

- Light diffusing lens softens the light of LED to reduce glare and also provides widespread illumination.
   Runtime
- Battery capacity warning by LED lights

18V

Illuminance (at 0.5m from the light source)	High/ Medium/ Low: 800 / 400 /180 lx
Luminous Flux	High/ Medium/ Low: 500 / 250 / 100 lm
Dimensions (L x W x H)	109 x 79 x 354 -221mm
Net weight	0.42 kg (without battery)
Net weight	0.42 kg (without battery)

ILABLE VARIA	

"Z" VARIANT

#### DML816 Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM ML007G 40V MAX

#### **Cordless Flashlight**



Shoulder hook set (optional) Part # GM00002239

Runtime

22 / 16 / 22 /22 hrs Spot / Flood / Spot-Flood / Strobe: with BL4080

#### Over 640m Beam Distance & Max 1,250 Lumens flashlight

- 4-Mode operation: spot | flood | spot+flood | strobe
- Compact and ergonomic design provides increased comfort on the job
- Extreme Protection Technology (XPT) is engineered for improved dust and water resistance for operation in harsh conditions
- 90° pivoting head for user convenience
- Battery capacity warning function



AVAILABLE VARIANTS

#### "Z" VARIANT

#### ML007G Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

ML001G 40V MAX

#### Cordless Flashlight





S5 hrs

#### High-luminance 4 x 0.5 W LED flashlight provides 160 lumens

- Bright illumination, Compact and Lightweight
- Up to 55 Hours of Illumination with 40v max XGT 4.0Ah Battery
- Compact and ergonomic design provides increased comfort on the job
- Pivoting head with 12 different positions
- Ergonomically designed handle with rubberized soft grip
- Metal hang hook is convenient and job site durable



 Luminous Flux
 160 lm

 Illuminance
 at 1 m from the light source: 3,000 lx

 Dimensions (L x W x H)
 232 x 88 x 92 mm

 Net weight
 0.3kg (without battery)

AVAILABLE VARIANTS

#### "Z" VARIANT

#### ML001G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE) Cordless Flashlight

Shoulder hook set (optional)
Part # GM00002239

Runtime
10 / 7.3 / 6 / 8.5 hrs

#### Over 640m Beam Distance & Max 1,250 Lumens flashlight

Spot / Flood / Spot-Flood / Strobe: with BL1860B

- 4-Mode operation: spot | flood | spot+flood | strobe
- Compact and ergonomic design provides increased comfort on the job
- Extreme Protection Technology (XPT) is engineered for improved dust and water resistance for operation in harsh conditions
- 90° pivoting head for user convenience



Luminous Flux	at 0.5m from the light source		
	Spot / Flood: 71,000 / 520 lx		
	Spot / Flood / Spot-Flood: 600 / 1,000 / 1,250 lm		
Continuous run time (hours) Spot: 5.0Ah: 8.5hrs   6.0Ah: 10hr		5.0Ah : 8.5hrs   6.0Ah: 10hrs	
	Flood:	5.0Ah : 6.5hrs   6.0Ah: 7.3hrs	
	Spot-Flood mode :	5.0Ah : 5hrs   6.0Ah: 6hrs	
	Strobe	5.0Ah :7hrs   6.0Ah: 8.5hrs	
Dimensions (L x W x H)	106 X 119 X 273 mm		
Net weight	0.95 kg (without battery)		

#### AVAILABLE VARIANT

#### "Z" VARIAN

#### DML812 Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DML815

Cordless Flashlight

Strap with Hook (standard) Part # GM00001289



45 hrs

with BL1850B

#### High-luminance 4 x 0.5 W LED flashlight provides 160 lumens

- Multi directional light (right, left & 360)
- $\bullet$  Up to 54 Hours of Illumination with 18V LXT 6.0Ah Battery
- $\bullet$  12 position pivoting flashlight head with positive stops from  $0^{o}$   $170^{o}$
- LED provides a sharp, round spotlight



Luminous Flux	160 lm
Illuminance	at 1m from the light source: 3,000 lx
Dimensions (L x W x H)	272x79x116 mm
Net weight`	0.26 kg (without battery)
	***************************************

AVAILABLE VARIANTS

## "Z" VARIANT

#### DML815 Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS /

HEAT GUN /

CLEANING

OPE

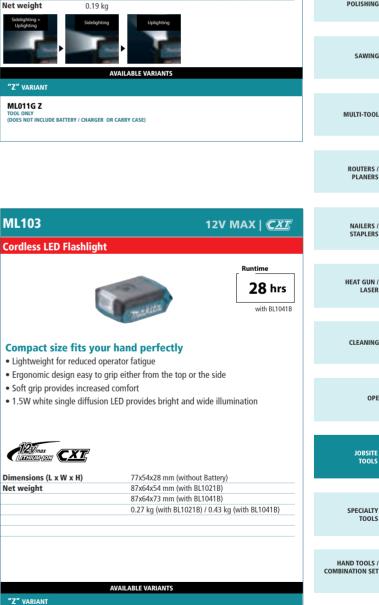
JOBSITE TOOLS

SPECIALTY TOOLS

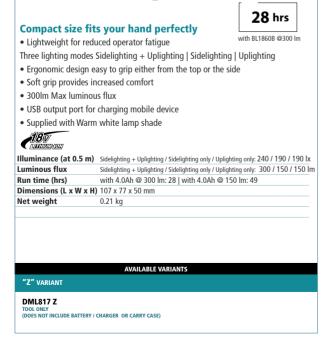
TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM







(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)



18V | <u>/ X / X</u>

Lamp Shade (Standard)

Strap with hook (optional) SE00001178

**DML817** 

**Cordless Worklight** 

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

JOBSITE TOOLS

SPECIALTY TOOLS

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **DMR055** 18V | *LXT* 

#### **Cordless Radio with Lantern**





Strap with hook (optional) SE00001178

#### Offers unparalleled flexibility, serving as an ideal solution for your lighting and audio needs

#### **Radio Features:**

- Delivers premium sound quality with 57 mm dia speakers
- LCD display allows for easy mode selection and with digital tune and up to 9 station

#### **Lantern Features:**

MR006G

**Cordless Bluetooth Radio** 

**Batteries or AC Power** 

40Vmax 18V Speaker Size

Max Output

Bluetooth

Net weight

Run time (approx)

Frequency Band Dimensions (L x W x H)

for deep and rich audio quality

• Dust and water-resistant construction (IP65 rated)

• AUX-IN port for connecting to an external audio source

- The Lantern an be held sideways with a strap hook or placed normally like a lantern
- Lantern with full 360° coverage (4 sides) (130lx (260lm)
- Lantern with 270°coverage (3 sides) (115lx (190lm)
- The colour tone of the light is warm white

#### Continuous run time with optional 6.0Ah Battery (BL1860B)

- Both Radio and Lantern can work at the same time
- The continuous runtime is 19hours with Lantern (360° mode) and 63hours with radio only option

40V MAX | 🔀 🗃 18V | 🕮 12V MAX | 🛣

Compatible with Makita 40V MAX XGT / 18V LXT / 12V CXT

• Equipped with Bluetooth 5.0 to wirelessly connect your mobile device to play music

• 2 Side firing speakers deliver stereo sound and a dedicated bottom firing subwoofer

Sides: Ø63.5 mm x2 / Bottom: Ø101.6 mm

FM / AM: 87.5 - 108 MHz / 522 - 1,710 kHz

40V max / 18V / 12V max / AC

w/ BL4040: 19 hrs

285 x 172 x 441 mm

AVAILABLE VARIANTS

4.3 kg (without battery)

• 7 pre-set equalizer modes with LED colour indication to optimize sound output

• Adjustable sleep timer with auto shut off feature and alarm function

USB port enables convenient charging of mobile devices on the jobsite

• Runtime up to 14hours running both radio and lantern





Frequency Band	FM: 87.5-108 MHz / AM: 522-1,710 kHz
Speaker Size	Ø57 mm
Illuminance	Lantern, Warm white, 4 sides, High: 130 or more lx
Luminous flux	Lantern, Warm white, 4 sides, High: 260 or more
Dimensions (L x W x H)	126 x 127 x 240 mm (without battery)
Net weight	0.95 kg (without battery)

	-		
AVAILABLE VARIANTS			
H7H			

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

HAND TOOLS / COMBINATION SET

MR006G Z

(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

Standard Equipment: AC Adapter

MR001G

DMR055 Z

40V MAX | XXX 18V | LXX 12V MAX | XXX 4

Cordless Radio





#### Powered by 40V MAX XGT / 18V LXT AND 12V MAX CXT and AC adapter or AA batteries for backup

- AUX-IN port for connecting to an external audio source
- Carry handle with built-in FM antenna
- Large ø89mm speaker
- Dust and water-resistant construction (IP65 rated)
- 36 hrs with 4.0Ah XGT Battery

40V (18V)

Speaker Size	FM / AM: 87.5 - 108 MHz / 522 - 1,710 kHz
Max Output	Woofer: Dia. 89 mm x2
Run time (approx)	40Vmax: 5 W x2
Bluetooth	Supported Codec: SBC
Frequency Band	with Handle in Upright Position:
Dimensions (L x W x H)	280 x 171 x 434 mm
Net weight	4.3 kg (without battery)

Standard Equipment: AC Adapter

|--|

MR001G Z

/DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

# **DMR300** 18V | **LXT** 12V MAX | **CXT** (4) **Cordless Bluetooth Radio**

#### Compatible with Makita 18V LXT / 12V CXT Batteries or AC Power

- Equipped with Bluetooth 5.0 to wirelessly connect your mobile device to play music
- •2 powerful side firing speakers deliver rich stereo sound
- Built-in bottle opener for job site convenience
- Dust and water-resistant construction (IP65 rated)
- Adjustable sleep timer with auto shut off feature and alarm function
- USB port enables convenient charging of mobile devices on the jobsite
- Features one auxiliary port for MP3 compatibility



Speaker Size	Dia. 89 mm x2
Max Output	18V / 12V max / AC
Run time (approx)	w/ BL1850B: 20.5 hrs
Bluetooth	Yes
Frequency Band	FM / AM: 87.5 - 108 MHz / 522 - 1,710 kHz
Dimensions (L x W x H)	268x185x427 mm
Net weight	5.2 kg

Standard Equipment: AC Adapter

AVAILABLE VARIANT

"Z" VARIAN

DMR300 Z
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### **DMR116**





18V | ZZT G-SERIES

#### Compatible with LXT, G-Series battery and AC power adapter

- AUX-IN port for connecting to an external audio source
- Carry handle with built-in FM antenna
- Large ø76mm speaker
- Dust and water-resistant construction (IP64 rated)
- 37 hrs with 6.0Ah LXT Battery



Frequency Band	FM / AM: 87.5 - 108 MHz / 522 - 1,710 kHz
Speaker Size	Dia.: Ø76 mm x2
Max Output	18V: 3.5 W x2
Dimensions (L x W x H)	with Handle in Upright Position: 257 x 163 x 431 mm
Net Weight	4.1kg (without battery)
	······································

Standard Equipment: AC Adapter

AV	ΛП	.ABI	EV	ΛDI	ΛN	п

"Z" VARIANT

DMR116 Z
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

#### **MR052**

#### **Cordless Radio**





#### Compact design radio for High portability

- Rubber rod antenna. (AM built in) No need to extend.
- AUX-IN JACK allows for connection to personal audio players.
- LCD digital display for better view even in dark area.
- Earphone Jack can connect with headphones
- Rotating rafter hook convenient to hang the radio on scaffolding pipe, etc



: 30hrs : 15hrs
: 15hrs
m
11

AVAILABLE VARIA	NTS

"Z" VARIANT

 $MR052\ Z$  (does not include Li-Ion Battery / Charger or Carry Case)

#### **DMR200**

18V | **ZXT** 12V MAX | **CXT** 

#### **Cordless Bluetooth Speaker**



#### Powerful & Deep Stereo Sound with Bluetooth and AUX-IN jack

- Highly durable housing design with an IP64 rating against dust and water
- 101mm woofer and 36mm tweeter deliver 10W\* of high quality radio
- Powered by either 18V, 12V or AC Power
- Max. 30m, Optimum 10m



Speaker Size	Woofer/Tweeter: Ø101.6 / Ø36 mm
Max Output	18V / 12Vmax / AC : 10 / 3.5 / 3.5 W
Run time (approx)	w/ BL1850B: 26 hrs
Bluetooth	Version: 4.0
	Max Transmission Range (Optimum): 10 m (33 ft)
	Max Transmission Range (Possible): 30 m (100 ft)
Dimensions (L x W x H)	w/ Handle in Retracted Position: 211x203x199 mm
Net weight	2.72 kg

#### AVAILABLE VARIANTS

"Z" VARIANT

DMR200 Z
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM **CORDLESS FAN** 



CF003G - 450mm

40V MAX |

18V | ZXT



**CF002G** - 330mm

40V MAX | 🐼 🚭



**Cordless Fan** 





#### Multiple power sources; 40V MAX XGT / 18V LXT / AC adapter

- 450 mm large fan produces Max air flow volume: 120m³/ min
- Three oscillation angles are specified, allowing air to be supplied at a desired angle
- Dial-style air flow volume adjustment (38 120m³/min)
- Can be mounted onto MAKPAC cart
- 3-stage automatic timer with 1, 2, and 4 hour power-off selection
- Fan tilts up and down



Continuous Use (min.) w/o oscillation	with XGT 8.0Ah: 230 mins
	with LXT 6.0Ah: 90 mins
Max Air Velocity	300-96 m/min
Air Flow	120-38 m³/min
Fan Diameter	450mm
Noise Level	55 dB(A)
Dimensions (L x W x H)	312 x 633 x 770 mm
Net weight	7.9 kg (without hattery)

Standard Equipment: AC adapter

AVAILABLE VARIANTS

"Z" VARIANT

CF003G Z

TOOL ONLY
(DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

**Cordless Fan** 



#### **Dual power sources; 40V MAX XGT batteries or AC adapter**

- $\bullet$  330 mm large fan produces strong enough air to create a comfortable work
- Automatically oscillates 45° right and left
- 3 selectable wind speeds: High / Medium / Low
- 3-stage automatic timer with 1, 2, and 4 hour power-off selection
- Fan tilts up and down control



Continuous Use (min.) w/o oscillation	w/ BL4040 Low / Mid / High: 1,020 / 640 / 320
Continuous Use (min.) w/ oscillation	w/ BL4040 Low / Mid / High: 970 / 610 / 305
Max Air Velocity	High / Mid / Low: 240 / 170 / 120 m/min
Air Flow	High / Mid / Low: 21 / 15 / 10 m³/min
Fan Diameter	330 mm (13")
Noise Level	52 dB(A)
Dimensions (L x W x H)	w/ BL4040: 277 x 439 x 602 mm
Net weight	3.8 kg (without hattery)

Standard Equipment: AC adapter

"Z" VARIANT CF002G Z

TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

**(4)** 

18V | ZXT

CF001G - 235mm

40V MAX |**₹₹**\$\$



#### Cordless Fan



#### **Dual power sources; 40V MAX XGT batteries or AC adapter**

- 235 mm large fan produces strong enough air to create a comfortable work environment
- Automatically oscillates 45° right and left
- 3 selectable wind speeds: High / Medium / Low
- 3-stage automatic timer with 1, 2, and 4 hour power-off selection
- Fan tilts up and down



Continuous Use (min.) w/o oscillation w/ BL4040 Low / Mid / High: 1,160 / 880 / 660 Continuous Use (min.) w/ oscillation w/ BL4040 Low / Mid / High: 1.055 / 800 / 600 Max Air Velocity High / Mid / Low: 190 / 150 / 120 m/min Air Flow High / Mid / Low: 8.2 / 6.5 / 5.2 m³/min Fan Diameter 235 mm Noise Level 48 dB(A) (w/ high speed) Dimensions (L x W x H) 143x333x463 mm Net weight 2.0 kg (without battery)

Standard Equipment: AC adapter

	AVAILABLE VARIAN
#7# WADIANT	

#### CF001G Z

INCLUDE BATTERY / CHARGER OR CARRY CASE

DCF301 - 330mm

**Cordless Fan** 



#### **Dual power sources; 18V LXT batteries or AC adapter**

- 330 mm large fan produces strong enough air to create a comfortable work environment
- Automatically oscillates 45° right and left
- 3 selectable wind speeds: High / Medium / Low
- 3-stage automatic timer with 1, 2, and 4 hour power-off selection
- Fan tilts up and down control



Continuous Use (min.) w/o oscillation	w/ BL1860B Low / Mid / High: 850 / 430 / 215
Continuous Use (min.) w/ oscillation	w/ BL1860B Low / Mid / High: 815 / 415 / 210
Max Air Velocity	High / Mid / Low: 240 / 170 / 120 m/min
Air Flow	High / Mid / Low: 21 / 15 / 10 m³/min
Fan Diameter	330 mm (13")
Noise Level	52 dB(A)
Dimensions (L x W x H)	w/ BL1860B: 269 x 439 x 602 mm
Net weight	3.8 kg (without battery)

Chandard Farrings at AC advance	
Standard Equipment: AC adapter	
AVAILABLE VARIANTS	
"Z" VARIANT	

**Dual power sources; 12V LXT batteries or AC adapter** • 148mm Compact size fan and can be mounted on tripods

• 3-stage automatic timer with 1, 2, and 4 hour power-off selection

• Adjustable hook on the handle allows the fan to hang on a pole and etc

Continuous use (approx.) (min.) Low / Medium / High: 630 / 380 / 275 (with BL1041B)

AVAILABLE VARIANTS

0.9 kg (without battery)

180 mm 148x260x252 mm

Low / Medium / High: 315 / 190 / 135 (with BL1021B) High / Med / Low: 4.6 / 3.8 / 3.0 L/min

• 3 selectable wind speeds: High / Medium / Low

• Fan tilts up and down control

A PATHOLOGIC CXT.

Max air flow: m /min Fan Diameter

Dimensions (L x W x H) Net weight

**DCF301 Z** 

DL ONLY DES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

CF101D - 180mm

12V MAX | CXT



#### **Cordless Fan**





#### **Dual power sources; 12V LXT batteries or AC adapter**

- 148mm Compact size fan and can be mounted on tripods
- Automatically Swings 45° L/R (only for CF101D)
- 3 selectable wind speeds: High / Medium / Low
- 3-stage automatic timer with 1, 2, and 4 hour power-off selection
- Adjustable hook on the handle allows the fan to hang on a pole and etc
- Fan tilts up and down control



Continuous use (approx.) (min.)	Low / Medium / High: 630 / 380 / 275 (with BL1041B)
	Low / Medium / High: 315 / 190 / 135 (with BL1021B)
Max air flow: m /min	High / Med / Low: 4.6 / 3.8 / 3.0 L/min
Fan Diameter	180 mm
Dimensions (L x W x H)	185 x 260 x 284mm
Net weight	1.3 kg (without battery)

Standard Equipment: AC adapter

AVAILABLE VARIANTS
"Z" VARIANT
CF101D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE)

**CF100D** - 180mm

**Cordless Fan** 

12V MAX | *CXT* 

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

"Z" VARIANT

Standard Equipment: AC adapter

CF100D Z TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE) DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM ADAPTER FOR CHARGING ELECTRONIC DEVICES



ADP001G

40V MAX | ( )

#### Adapter



#### **Charges mobile devices (smartphones, tablets)**

- Adapter is designed to attached with XGT batteries and can charge USB compatible device such as Smartphone, Tablet, etc
- 2 USB output port: Enable to charge two devices at the same time
- Over discharge protection circuit
- Push button type ON-OFF switch enables on/off control of USB output.
- With auto-off function (LED indicator is on in green while the switch is on)
- Built-in strap hole attaches to a belt or holster
- Compatible with IOS and Android devices



USB port Max output current A one port: 2.4 | two ports: 4.8 Dimensions (L x W x H) 96 x 76 x 40 mm Net weight 0.14 kg

AVAILABLE VARIANTS

#### "Z" VARIANT

(DOES NOT INCLUDE BATTERY / CHARGER)

ADP05

Adapter





18V | *LXT* 

#### Charges mobile devices (smartphones, tablets)

- Adapter is designed to attached with LXT batteries and can charge USB compatible device such as Smartphone, Tablet, etc
- 2 USB output port: Enable to charge two devices at the same time
- Over discharge protection circuit
- Built-in strap hole attaches to a belt or holster Compatible with IOS and Android devices



Voltage	18V / 14.4V Li-ion (LXT)
USB port	2
Max output current A	One port: 2.1 / Two port 4.2
Dimensions	102x72x43mm
Net weight	0.11Kg

AVAILABLE VARIANTS

"Z" VARIANT

ADPO5 Z
ADAPTER ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

ADP08 12V MAX | CXT

#### Adapter





#### **Charges mobile devices (smartphones, tablets)**

- Compact version of ADP06 (ADP06 comes with hook on top of the body)
- Adapter is designed to attached with CXT batteries and can charge USB compatible device such as Smartphone, Tablet, etc
- Over discharge protection circuit
- Built-in strap hole attaches to a belt or holster
- Compatible with IOS and Android devices



Voltage	12V MAX Li-ion (CXT)
USB port	1
Max output current A	2.1
Dimensions	80x53x28mm
Net weight	0.06Kg

AVAILABLE VARIANTS

ADPOS Z
ADAPTER ONLY (DOES NOT INCLUDE BATTERY / CHARGER)



CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

12V MAX | *CXT* 

#### ADP06 12V MAX | CXT

#### **Adapter**





#### **Charges mobile devices (smartphones, tablets)**

- Adapter is designed to attached with CXT batteries and can charge USB compatible device such as Smartphone, Tablet, etc
- Over discharge protection circuit
- Built-in hook
- Built-in strap hole attaches to a belt or holster
- Compatible with IOS and Android devices



Voltage	12V MAX Li-ion (CXT)
USB port	1
Max output current A	2.1
Dimensions	80x53x38mm
Net weight	0.07Kg

AVAILABLE VARIANTS	

"Z" VARIANT

ADPO6 Z ADAPTER ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

ADP09

#### Adapter / AA Battery Pack



Model ADP09 is an AA battery pack designed to supply power to the Laser powered by 12Vmax CXT Li-ion battery

- Adapts AA Batteries to be used a power source
- Uses 8 x AA Batteries to power compatible 12Vmax CXT lasers (SK700GD, SK700D, SK40GD)
- Compatible with AA Zinc-Carbon/Alkaline/Ni-MH batteries

USB port	1
Max output current A	2.1
Dimensions	80x53x38mm
Net weight	0.07Kg

AVAILABLE VARIANTS

Part # CP0000001
ADAPTER ONLY (DOES NOT INCLUDE AA batteries)

HAND TOOLS /
COMBINATION SET

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

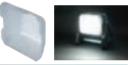


Shoulder Strap	Part No.
DCW180, CW003G, CW001G	A-71093
MW001G	196817-8

# **Flashlight Accessories**

# **Light Diffuser**

Diffuses the light and reduces glare and expands the lighted area by diffusing the light



For Model	Mount Type	Part No.
DML811	Lamp Shade	GM00002287
DML809	Lamp Shade	GM00002286
ML003G	Anti-glare film	GM00002312
ML005G	Anti-glare film	GM00002359
ML009G	Anti-glare film	GM00002376
ML006G, DML816	Lamp Shade	GM00001326
ML009G	Lamp Shade	GM00002377
ML005G	Lamp Shade	<b>GM00002358</b>
ML011G, DML817	Lamp Shade	GM00002457

# Strap

A: Strap with Hook

Metal hang hook is convenient and job site durable

B: Shoulder hook set {

C: Shoulder hook set





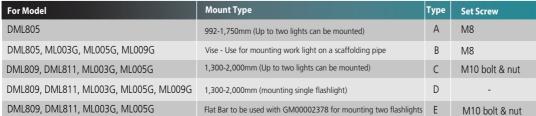
For Model	Mount Type	Part No.
ML001G	A: Strap with hook	GM00002280
ML002G, DML807	B: Shoulder strap with hook	GM00001028
ML007G, DML812	C: Shoulder strap with hook	GM00002239
DML815	A: Strap with hook	GM00001289
ML006G, DML816	B: Shoulder strap with hook	GM00001288
DML814	Shoulder strap	TD00000002
ML011G. DML817 DMR055	A: Strap with hook	SE00001178



HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM





Note:- ML009G is not recommended for mounting as 2pcs on a stand

M10 bolt & nut

Part No.

GM00002283

GM00001396

GM00002073

GM00002378

**GM00002379** 

# **Speciality Tools**

Rebar Tying Tool, Wall Scanner, Grease Gun, Caulking Gun, Vacuum Pump, Air Compressor



DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DTR181

#### **Cordless Rebar Tying Tool**



# upto 5000 Ties

(combination of 16mm x 2 rebars using 6.0Ah battery)

Max tying capacity Combination of 2 rebars:

35mm + 13mm

Combination of 3 rebars:

25mm + (16mm x 2)

Combination of 4 rebars:

 $(16mm \times 2) + (13mm \times 2)$ 

4 wire winding turn for maximum strength

6-Stage digital adjustment of tying strength to match various tension strength requirements

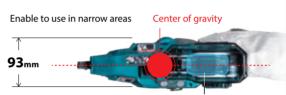
#### CONTINUOUS ACTUATION MODE

## Hold the trigger and pull the contact plate against rebars





#### **COMPACT AND SLIM DESIGN**



Easy to load with tie wire reel

#### Selectable 2-Modes



#### Adjustable rebar tying strength

According to the condition of tying material, tying strength can be adjusted in 6 stages.



Tie Wire	ø0.8 mm
Vibration Level	2.5 m/s <sup>2</sup> or less
Sound Pressure Level	82 dB(A)
Dimensions (L x W x H)	317 x 93 x 318 mm
Net weight	2 0 ka

#### Standard Equipment: Hex Wrench, Hook

AVAILABLE VARIANTS	
5.0Ah	"Z" VARIANT
DTR181 RTJ INCLUDES 1 BATTERY/ 1 CHARGER / MAKPAC CASE	DTR181 ZJ TOOL ONLY (WITH MAKPAC CASE) (DOES NOT INCLUDE BATTERY / CHARGER)

#### Wire guide

Part No. 162945-1 for Annealed wire and Poly Coated wire (Standard Equipment)



#### TYING CAPACITY WITH DIFFERENT COMBINATION OF REBARS

$\sim$	:	2 pcs	of re	bars		$\sim$	3 p	cs of re	bars	000	4 pcs o	f rebars
<i>∞</i>	13mm	16mm	19mm	22mm	25mm	⊗>>>	10mm x 2	13mm x 2	16mm x 2	9	10mm x 2	13mm x 2
13 mm			$\checkmark$	<b>V</b>	$\checkmark$	10mm		$\checkmark$	$\checkmark$	10mm x 2	<b>V</b>	<b>V</b>
16 mm		$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	13mm		$\checkmark$	$\checkmark$			
19 mm	$\checkmark$	$\checkmark$	$\checkmark$	<b>V</b>	$\checkmark$	16mm	$\checkmark$	$\checkmark$	$\checkmark$	13mm x 2	$\checkmark$	<b>V</b>
22 mm	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	19mm	$\checkmark$	$\checkmark$	$\checkmark$	16mm x 2	<b>/</b>	<b>V</b>
25 mm	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		22mm	$\checkmark$	$\checkmark$	$\checkmark$			
29 mm	<b>V</b>	<b>V</b>	<b>V</b>			25mm	$\checkmark$	$\checkmark$	$\checkmark$			
32mm	$\checkmark$	$\checkmark$										
35mm	$\checkmark$							The comb	ination is no	t designed t	or high tyir	ng strength

#### Accessorie



Tie wire set Diameter: 0.8mm Length: 100m Pack: 50 pcs/ box Part No. 199137-9



#### Galvanized Tie wire set Strong and rust free

Diameter: 0.8mm Length: 100m Pack: 50 pcs/ box Part No. 191A57-9



#### Poly-Coated Tie Wire

t free Ideal for tying epoxy-coated rebar
m Diameter: 0.8mm
Length: 100m
ox Pack: 50 pcs/ box
77-9 Part No. 191159-9

#### **Extension Handle**

Extension grip ensures a better working position

- Angle Adjustment 200
- Angle Length 250mm
- Handle Length 175mm Part No. 191M27-0

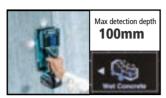


**DWD181** 18V | **///** 

#### **Cordless Wall Scanner**

High detection accuracy can detect objects embedded in concrete frame like metal, live electrical cables, plastic pipes and more













• Full-colour display: indicates object position, depthm, etc on a large 4.1" screen

- The presence of object is indicated visually and acoustically
- Up to 3 detection results can be displayed on a split screen at a time
- Scene mode selection (Dry concrete / Wet concrete / Partition mode / Radar view mode)
- IP54 Dust and Drip proof design





Max Detection Depth	Metal / Plastic Pipe / Live Cable / Wood: 180 / 120 / 120 / 25 mm
<b>Detection Accuracy</b>	+/-5 mm
Minimum Detectable Distance	40 mm
Display Size	4.1"
Max Run Time (hours)	w/ BL1860B: 28
Operating Temperature	-10 - 40°C
Storage Temperature	-20 - 50°C
Dimensions (L x W x H)	306 x 118 x 124 mm
Net weight	1.7 kg

AVAILABLE VARIANT

DWD181 ZJ MAKPAC CASE) (DOES NOT INCLUDE BATTERY / CHARGER) CONCRETE DRILLING / DEMOLITION

DRILLING / FIXING

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

**DGP180** 

18V | LX7

## **Cordless Grease Gun**



#### For maintenance of heavy machinery

- Auto speed change mode applies grease while varying the flow rate automatically matching the resistance of the part being greased
- Features two speed modes: Slow and Auto Speed Change
- Maximum 10,000psi discharge pressure and 295mL/min discharge rate
- Variable speed trigger for control over grease flow rate
- Able to dispense grease at high pressure
- Compatible grease Type: NLGI: No.0- No.2



Max Operating Pressure	69 MPa (10,000 PSI)
Flow Rate	Slow Speed Mode: 145 mL/min (5.0 oz/min)
	Auto Speed Change Mode: 290 mL/min (10.0 oz/min)
Grease Capacity w/ Barrel A	Cartridge / Bulk: 410 / 455 g (14.5 / 16.0 oz)
Hose Length	120 cm (47-1/4")
Dimensions (L x W x H)	w/ Barrel A: 411x114x245 mm
Net weight	5.4 kg (without battery)

AVAII ADI E VA				
AVAILABLE VARIANTS  5.0Ah "Z" VARIANT				
DGP180 RT	DGP180 Z			
INCLUDES 1 BATTERY/ 1 CHARGER / PLASTIC CARRY CASE	TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER OR CARRY CASE )			



Adapter Set (3pcs) 1/8" NPT connection Part No. 191W60-2







Flexible Hose with

(standard)

adapter 600mm Part No. 191A80-4 / 191W59-7 1200mm Part No. 191A79-9 / 191W58-9

Angle Adapter Set

nipples Part No. 191A77-3

hard-to-reach grease

grease coupler for

Barrel Assembly Bulk grease is directly loadable into the barrel. Not only grease cartridges but also bulk grease in pail can be loaded direct into the barrel Part No. 191B12-7 / 122D16-0

(standard)



191W59-7

Cartridge Barrel Barrel with view

windows designed for

user to easily check

what type cartridge

is being used Part No. 191F24-4/

a more secure connection

to the grease nipple of a

machine

Part No. 191A76-5

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

18V | <u>//////</u> **DCG180** 

#### Cordless Caulking Gun



#### **Excellent work efficiency.**

- Variable speed control by dial and trigger switch for maximum control of sealant flow rate
- 300ml and 600ml size holder can be used
- Anti-drip function stops excess from oozing out just on release of the switch trigger
- Rubberized soft grip provides comfortable grip and better control

**M** ED **18**V

Max pushing force 5.000N No load speed 0-28mm/sec. (0-66in/min.) Dimensions (L x W x H) 404x108x281mm Net weight 2.1kg

Standard Equipment: Holder Set A, Safety Goggles

AVAILABLE VARIANTS

DCG180 ZK
TOOL WITH PLASTIC CARRY CASE (DOES NOT INCLUDE BATTERY / CHARGER)

# **CG100D**

12V MAX | (CXT)

#### Cordless Caulking Gun



#### **Excellent work efficiency.**

- Variable speed control by dial and trigger switch for maximum control of sealant flow rate.
- 300ml and 600ml size holder can be used.
- Anti-drip function stops excess from oozing out just on release of the switch trigger.
- Rubberized soft grip provides comfortable grip and better control.



Max pushing force	5,000 N	
No load speed	0 - 28 mm/sec. (0 - 66 in/min.)	
Holder Size	300, 600, 800 mL	
Dimensions (L x W x H)	404x108x259 mm	
Net weight	1.9kg	

Standard Equipment: Holder Set A, Safety Goggles

AVAILABLE VARIANTS

**CG100D ZAK**TOOL WITH PLASTIC CARRY CASE (DOES NOT INCLUDE BATTERY / CHARGER)

#### Accessories

#### Standard Accessory - Set A

300ml size Holder **Holder Set A** (Part No. 196351-8)









# **Optional Accessory - Set B**

600ml size Holder **Holder Set B** (Part No. 1911T4-0)



40V MAX | **◆**X◆**>** 

Holds (600ml) cartridge style, sausage style, bulk



#### Optional Accessory - Set D

400ml size Holder **Holder Set D** (Part No. 191P89-6)

Holds (400 ml) cartridge style, sausage style and bulk caulks



# Cordless Air Compressor



**AC001G** 





#### Surrounding environment-friendly machine with low noise level

- Rigid roll cage frame construction minimizes the chance of damage to the motor and compression units.
- Carry handle with rubberized grip designed for easy transportation
- · Oil-free pump design
- · EEquipped with high operating efficiency motor

#### 40V/max

Tank	7.6 L (2 gal)
Cut-In Pressure	0.72 MPa (105 PSI)
Cut-Out Pressure	0.93 MPa (135 PSI)
Number of Outlets	1
Performance	34.0 L/min
Noise Level	68 dB(A)
Dimensions (L x W x H)	302×434×382 mm
Net weight	10.9kg (without battery)

#### AVAILABLE VARIANTS

"Z" VARIANT

AC001G Z
TOOL ONLY (DOES NOT INCLUDE BATTERY / CHARGER)

#### **DVP181**

Vacuum Pump





18V | *LXT* 

#### Cordless vacuum pump for air purge during installation of room air conditioner (designed to purge large air conditioning systems)

- Dual-stage compression method generate vacuum level much higher than Single-stage compression method
- 60 minutes long run time enough to complete most purging jobs achieved by using two BL1860B
- Battery guards minimize the possibility of battery damage even if the machine falls down.



Flow Rate	113 L/min
Ultimate vacuum	20 Pa
Motor speed	3,200 min <sup>-1</sup>
Oil Tank Capacity	300 mL
Inlet port	5/16", 3/8"
Dimensions (L x W x H)	383 x 193 x 210 mm
Net weight	6.9 kg (without hattery)

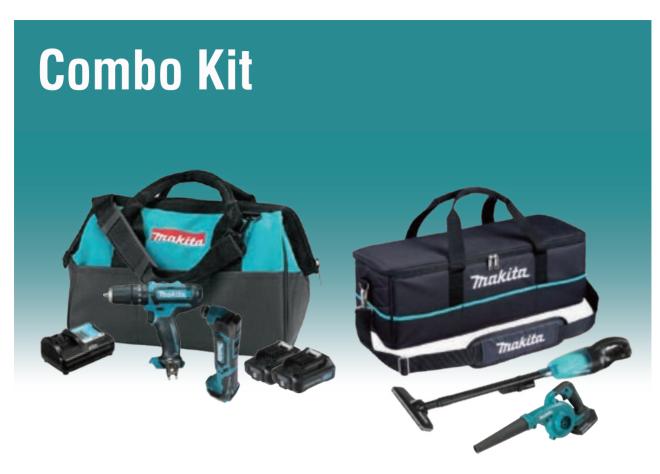
Standard Equipment: Vacuum Pump Oil (Part no: AS00VP050M), Adapter Optional Accessories: Vacuum Hose (AS0Al154MK)
Vacuum Pump Valve with vacuum gauge (AS0VP085MK)

Shoulder bag (199486-4)

AVAILABLE VARIANTS

"Z" VARIANT

**DVP181 ZK**TOOL ONLY (WITH CARRY CASE) (DOES NOT INCLUDE BATTERY / CHARGER)







DRILLING / FIXING

CONCRETE DRILLING /
DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

CARRY CASE / TOOL HOLDERS / POUCHES

# **Hand Tools / Combination Sets**



# **Tape Measure**

Makita measurement tape which is highly durable and convenient to use. Normally when the scales are blurred or hook is lost, that would be the end of tape's life. This measuring tape is designed for professionals which has specially coated tape and hook protector's damper for absorbing shocks. This helps increasing durability of the measuring tape.



#### 1. Special Coating

"DURA COAT" for 5 times more durable "SILICA COAT" for easy note





#### 2. High durability of Hook

Installed damper to absorb the shock on a hook Hook protector to reduce the shock on a hook Tightly fixed hook with "4revets+protector"









#### 3. Convenience

2-sided printing
Hook with magnet
"Matte finish" to easy to read scales
Standout









### **Printed size**

mm





mm/Inch



#### Tape measure with holder & safety cord

The holder can be attached to waist belt and the measure can be attached/detached from a holder by single touch.



The measure and holder is tied by a safety cord so even you drop a measuring at high work place, safety cord avoids measure being fallen.



Attachable measure with a single touch. Press down the yellow lever and lift the measure.





CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

# **Tape Measure**













Width

16mm

Width

25mm/1"

mm
5×





Length

3.5m







Part No. B-57211

B-57227

Part No. B-57130









Length











Size	
mm	



25mm

Part No. B-57168









10m









PART NO

B-65779



Size	Length	Width	Part No.
mm	7.5m	25mm	B-57174

# **Snap-off Knife**

This snap-off knife is suitable for DIY user, repair shop, interior decoration, etc. It contains 7 spare blades inside the body plus the preinstalled blade on the body (total 8pcs blades).



	Part No
Snap-off knife	D-65713
Knife Blades 10pcs. Set	D-74734

# **Retractable Utility Knife**

- Quick blade change for easy and fast replacement
- Accepts all standard type utility knife blades
- Safety string cutter with recessed blade



	Part No
Retractable Utility Knife	B-65785
Knife Blades 10pcs. Set	B-65517

# **Smooth face claw hammer**

#### Anti-Ring claw

Allows you to extract the nails bwhich have been hammered by mistake







#### **Combination wrenches**

- Box End 15° offset providing knuckle clearance

- Ratcheting Function at Box End



SIZES	Pcs/Set	PART NO.
8,10,12,13,14,15,16,17,18mm	9pcs set	B-65539
8mm	1pc	E-11586
10mm	1pc	E-11592
12mm	1pc	E-11601
13mm	1pc	E-11617
14mm	1pc	E-11623
15mm	1pc	E-11639
16mm	1pc	E-11645
17mm	1pc	E-11651
18mm	1pc	E-11667
19mm	1pc	E-11673

## Hex key wrenches 9pcs set

- Ball point for confined place and fastening in max 25°angle





SIZES		PART NO.
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10mm	9pcs set	B-65894

# **Box-joint water pump pliers**

- 24 positions of fine adjustment for optimum adaptation



OVERALL LENGTH	MAX JAW SIZE	PART NO.
7'' (180mm)	Ø37mm	B-65741
9.5'' (240mm)	Ø49mm	B-65757

## **Adjustable wrench**

- Wide Capacity Jaw.
- Hex jaw design reduces slippage and grips bolt tightly.



SIZE (LENGTH)	JAW	PART NO
8" / 200mm	0-36mm	B-65420

## **Aviation snips**

#### Available in 4 types.

- Cuts Right - Cuts Left Cuts Straight - Bulldog

Chrome-Molybdenum alloy steel forged blades for strength & durability. Center fastener for high tensile strength provided for longer life. Spring-free auto latch design for one hand operation provides safety and convenience

#### **Aviation snip - Cuts Right**

CAPACITY		PART NO
Cold-rolled steel	18ga (1.22mm)	B-65816
Stainless steel	23ga (0.61mm)	D-03610

**Aviation snip - Cuts Left** 

CAPACITY		PART NO
Cold-rolled steel	18ga (1.22mm)	B-65800
Stainless steel	23ga (0.61mm)	D-03600

#### **Aviation snip - Cuts Straight**

	•	
CAPACITY		PART NO
Cold-rolled steel	18ga (1.22mm)	B-65791
Stainless steel	23ga (0.61mm)	B-03/91



CAPACITY		PART NO
Cold-rolled steel	16ga (1.63mm)	B-65822
Stainless steel	18ga (1.22mm)	B-03822

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

**Locking Flex Pass thru Handle** 

PART NO Locking Flex Pass thru Handle B-65626

Pass thru handle Straight

PART NO TYPE Pass thru handle Straight B-65610

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **Pass thru Socket**



### Pass thru extension bar

1	ТҮРЕ	PART NO
1	Pass thru Extension bar	B-65632

## **Socket adapter**

	ТҮРЕ	PART NO
CK	Socket adapter	B-65844

#### **Tap Adapter**

-at	ТҮРЕ	PART NO
A.	Tap Adapter	B-65872

## Ratcheting tap & die handle



ТҮРЕ	PART NO
Ratcheting tap & die handle	B-65866

# Twist lock die adapter

-		
	ТҮРЕ	PART NO
6	Twist lock die adapter	B-65888

## **Ratchet & socket set**



34PCS - 1/4" Ratchet & socket set	PART NO.
1/4" SQ 84T Ratchet, 1/4" bit adapter,	
1/4" SQ slide T bar	
1/4" SQ socket : 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 11, 12, 13mm	D (FF(7
1/4" SQ deep socket : 5, 6, 7, 8, 9, 10, 11, 12,13mm	B-65567
1/4" SQ Extension bar : 3", 6"	
T bit: T8, T10, T15, T20, T25, T27, T30, T40x25mm	
23PCS - 1/2" Ratchet & socket set	PART NO.

23PCS - 1/2" Katchet & socket set	PART NO.
1/2'' SQ 84T Ratchet,	
1/2" SQ adapter to 3/8" SQ,	
1/2'' SQ universal joint	D (FF00
1/2" SQ socket: 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20,	B-65589
21, 22, 23, 24, 27, 30, 32mm	
1/2" SQ Extension bar : 5", 10"	

# 21pcs. Screw Bit & Socket Set



The Screw Bits are very easy to distinguish due to the colour paint on the bit head

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B-54081

Type / Size /Pcs	PART NO

3Pcs - Phillips bits: PH1, PH2, PH3 x 25mm 2pcs - Slotted bits: SL0.8x5.5 x 25mm

SL1.2x6.5 x 25mm

3pcs - Torx bits T20,T25,T30 x 25mm

2pcs - Pozi bits PZ1, PZ2 x 25mm

2pcs - Hex bits H4, H6 x 25mm 25mm Adapter - 1/4"

Sand finished for hand

6pcs - Socket Wrench with 6point for hand

H5,H6,H8,H10,H12,H13

1pc Magnetic Bit Holder - 60mm

Mini Ratchet Wrench - 100mm

#### **Ratchet Handle**

High durability ratchet handle with 84 teeth gear. 4.3° ratcheting arc. Able to work in tight spaces.

Can be attached and detached with one touch socket wrench.



	PART NO
1/4" Drive Ratchet Handle, 84T	E-11558
1/2" Drive Ratchet Handle, 84T	E-11570

#### **Ratchet Screwdriver**

With screw bit 25mm (PH2)x1pcs.

Ratchet handle function is applied (clockwise and anticlockwise is possible). Suitable for car maintenance, interior decoration, repair room, DIY etc.



Part No

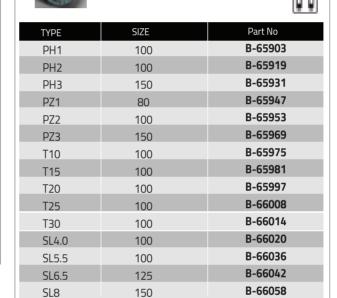
D-58833

Ratchet screwdriver

Screwdrivers - Standard Type

- Ergonomic handle for best hand comfort.
- Anti-Slip and Oil Resistant Dual Material.





# Screwdrivers (Price competitive range)

- Simple grip shape



TYPE	SIZE	Part No
PH1	100	E-13356
PH2	100	E-13362
PH3	150	E-13378
PZ1	80	E-13384
PZ2	100	E-13390
PZ3	150	E-13409
T10	100	E-13415
T15	100	E-13421
T20	100	E-13437
T25	100	E-13443
T30	100	E-13459
SL4	100	E-13465
SL5	100	E-13471
SL6	125	E-13487
SL8	150	E-13493

#### **Screwdrivers - Go Through Type**

- Distinctive two tone grip design handle
- Ergonomic handle for best hand comfort
- Anti-Slip and Oil Resistant Dual Material





"Go-Through" construction provides greater striking forc than traditional cap ends

TYPE	SIZE	Part No
PH1	75mm	B-66064
PH2	100mm	B-66070
PH3	150mm	B-66086
PZ1	75mm	B-66092
PZ2	100mm	B-66101
PZ3	150mm	B-66117
S5.5	75mm	E-04933
SL6.5	150mm	E-04949
SL8	200mm	E-04955

# 6pcs Screwdriver Set - Standard Type

Assorted pack of screwdrivers (standard type)

TYPE	PCS		Part No
PH1x100	1	100-100	
PH2x100	1	(101)	
PZ1x80	1	THE DECISION	E-10528
PZ2x100	1	NINIM!	
SL4.0x100	1	British	
SL5.0x100	1	-	

TYPE	PCS		Part No
PH1x100	1	-	
PH2x100	1	-100	
SL4.0x100	1	IN MO	E-10506
SL5.5x100	1	bistist.	
SL6.5x125	1	Rum	
SL8.0x150	1	10.00	

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

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MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

#### **Insulated Screw Drivers**

- This driver is 1,000V insulated and has double insulated surface.

- Anti-Slipping and oil resistant material



TYPE	Part No
PH1x80	B-66123
PH2x100	B-66139
PH3x150	B-66145
PZ1x80	B-66151
PZ2x100	B-66167
PZ3x150	B-66173
T10x100	B-66189
T15x125	B-66195
T20x125	B-66204
T25x125	B-66210
T30x125	B-66226



## **Shock Driver**

Makita shock driver is very useful tool which is able to be used as a regular hand driver and a shock driver when you work on the stripped screw.



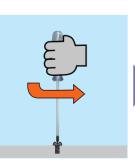
This handy driver can remove the crushed or stripped screws which could not be loosened by electric tools. Applying the impact onto the handle generates a torque in the rotation direction, so the stripped screws can be removed.

	PH2	125mm		B-42	438
s		Item	Screw remo	oval	Stripped / Crushed screw removal
	MAKITA SHOCK DRIV	<b>*</b>	•		
	NORMAL SCREW DR	IVER	<b>/</b>		X

Part No

#### How to remove

While applying force in the fastening direction, hold the grip securely.





the loosening direction and it loosens even the stripped screw.

12 degrees

\*The impact onto the handle generates the 12 degrees torque in

Please note: Our shock driver is intended for machine screws only. It is not suitable for screws into soft member such as wood screw or topping screw. Even after applying impact, the soft member might absorb the impact, or member itself might break. Also, it cannot be used for even machine screws that attach soft member such as aluminum, copper or thin board.

Size

Length

# **LED Pen Light**

Compact, light and easy to carry Application: Repair room, Car maintenance, DIY, etc Compatibale with AA battery



	Part No
LED Pen Light (without battery)	D-58752

# 10 pcs Bit Set

Popular drive bits are packed together in a convenient set.



Type / Size	Part No
2 x Philips: PH2x2pcs 4 x Pozi: PZ1x1pc, PZ2x2pcs, PZ3x1pc 2 x Torx: T15x1pc, T25x1pc 1 x Flat: 0.6x4.5 1 x Flat: 1.2 x 6.5	P-16782
1 x Holder	
Plastic box	

# 49 pcs Maklok and 4-way driver set



Type / Size /Pcs	Part no
40 x 25 mm (L) Screwdriver Bits Size: 10x Phillips: PH0x2pcs, PH1x2pcs, PH2x4pcs, PH3x2pcs 10x Pozi: PZ0x2pcs, PZ1x2pcs, PZ2x4pcs, PZ3x2pcs 8x Slotted: 3x2pcs, 4x2pcs, 5x2pcs, 6x2pcs 4x Torx: T10, T15, T20, T25 8x Hex: 3x2pcs, 4x2pcs, 5x2pcs, 6x2pcs	
5x Nutdrivers Size: 6/7/8/10mm & 5/16"	P-52043
1x Maklok Quick Change Chuck	
1x No.8 4xWay Driver Bady with 25mm Pozi 2 Bit	
1x 4xWay Driver Barrel	
1x Industrial Quad-Driver	
Plastic Case	

## 14 pcs Mini Chuck Set

For use with 3 Jaw or Maklok chuck.



#### Type / Size

13x 25 mm Bits, Size: 3x Phillips: PH1x1pc, PH2x1pc, PH3x1pc 4x Pozi: PZ1x1pc, PZ2x2pcs PZ3x1pc 4-Slotted: 3/4/5/6 mm 2-Hex: 4/6 mm

1x Mini-Chuck

P-51960

Stubby screw guide



Type / Size	Part No
1x 80mm Stubby Screw Guide	
3x 25mm Bits, Size: 2x Pozidrive: PZ1, PZ2	P-46268
1x Slotted: 6-8	

Holds and guides screw in the correct position without wobbling or disengaging from the bit.



ROUTERS / PLANERS

NAILERS / STAPLERS

MULTI-TOOL

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

12 pcs 4-Way Driver Set & Pouch

Type / Size	Part No
1x 4-Way Driver Barrel	
2x 4-Way Driver Body With No.8 Pilot and Pozi 2 Bits	
1x No.6 Pilot & Countersink Assembly	
1x No.10 Pilot & Countersink Assembly	P-46327
1x No.12 Pilot & Countersink Assembly	
6x Replacement Pilot Drill Bits	
Quick change driver and drill set with countersink	

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

## 29 pcs Drill bit, guide & driver set





Type / Size	Part No
8x 25mm BIT, W/Plastic Holder, Size: 4x Pozi: Pz0, Pz1, Pz2, Pz3 4x Phillips: Ph0, Ph1, Ph2, Ph3 4x Slotted: 4,5,6,7mm 2x Torx: T10, T15 2x Square: S1, S2	
1x Quick Change Adaptor	
1x Stubby Finder Driver	D / 6=00
1x 4xWay Driver Barrel	P-46523
1x 4-Way Driver Body	
1x Centre Drilling Guide Body	
8x Hexagon Shank HSS Drill Bits (Titanium Coated), Size: 2.5, 3.2, 3.5, 4, 4.5, 5, 5.5, 6mm	
Pouch Bag	

# 20 pcs Quick change Drill / Driver set



I	
Type / Size	Part No
1x 1/4" Quick-Change Adaptor	
6x 1/4" Hexagon Shank HSS. Drill Bits (Titanium Coated), Size: 1.5, 2, 2.5, 3.2, 5, 6.5mm	
1x Stubby Finder/Driver With Pozi 2 Bit	P-46311
6x 25mm Screwdriver Bits, Size: 3x Phillips: Ph1, Ph2, Ph3 3x Pozi: PZ1/2/3	F-40311
5x 1/4" Drive Sockets, Size: 5/16", 6, 7, 8, 10mm	
1x Project Injection Case W/Clear Cover	

# 17pcs Drill bits Screwdriver Bit set

Set includes, metal, wood, masonry with different screwdriver bits and a sleeve chuck bit holder

A clear cover case allows the user to see the contents at a glance With durable plastic (butterfly) case



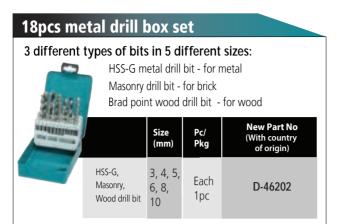


Туре	Size (mm)	Pc/ Pkg	Part I	No
Screwdriver Bits	1/4" Hex (C-form	PH1 PH2 PH3 PZ2 H4 H5 SL5	25	D-77207
Sleeve Chuck Bit Holder	E-form		60	•
HSS-Tin Metal Drill Bits		5, 6, 8	86, 93, 117	
Wood Drill Bits		5, 6, 8	86, 93, 117	
Masonry Drill Bits		5, 6, 8	85, 100, 110	

# 17 pcs General Purpose Set



Type / Size		Pc/ Pkg	New Part No (With country of origin)
H.S.S. R Drill Bits	3, 4, 5, 6mm	4	
Masonry Drill Bits	4, 5, 6, 8mm	4	
25mm Long Screw Driver Bits	Philips: Ph1, Ph2	2	D-40200
	Slotted: S0.8, S1.2	2	
	Pozi: Pz2, Pz3	2	
	Torx: T20, T25	2	
Magnetic Bit Holder		1	
	Plastic case		



# **9pcs Drill bits set (Assorted)**

#### 3 different types of bits in 3 different sizes:

HSS-tin drill bit - for metal (3pcs) Carbide tipped drill bit - for masonry (3pcs) Wood drill bit - for wood (3pcs)



	Size (mm)	Pc/ Pkg	Part No
HSS-tin drill bit,	5	3	
Carbide tipped drill bit,	6	3	D-71962
Wood drill bit	8	3	

# **Pilot Drill and Grub Screws**



Type / Size	Part No
5 x Replacement Pilot Drills, Size: #6 (3/32") 2 x Replacement Grub Screws	P-50289
5 x Replacement Pilot Drills, Size: #10 (1/8") 2 x Replacement Grub Screws	P-50304

# **32 pcs Maklok Accessory Pouch**

For use with 3 Jaw or Maklok chucks.



Type / Size	Part No
6x Nutdrivers, Size: 5/16" & 7/8/10/11/13mm	
16x 25mm(L) Bits, W/2pcs Plastic Holders, Size: 4x Hex: 3/4/5/6mm, 4x Slotted: 4/ 5/ 6/ 7mm 4x Torx: T10/ 15/ 20/ 25, 4x Pozi: PZ1/ 2/ 2/ 3	
4x Hex Shank H.S.S. Drill, titanium coated, Size: 4/ 5/5.5/6mm	P-52021
4x Hex Shank Masonry Drill, Size: 4/ 5.5/ 7/ 8mm	
1x Stubby Screw Guide	
1x Maklok Quick Change Chuck	
Pouch	

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE

SPECIALTY

HAND TOOLS /



DRILLING / FIXING	
CONCRETE DRILLING / DEMOLITION	
MIXING / STIRRING	
CUTTING (CONCRETE / METAL)	
GRINDING	
SANDING / POLISHING	
SAWING	
MULTI-TOOL	
ROUTERS / PLANERS	
NAILERS / STAPLERS	
HEAT GUN / LASER	
CLEANING	
OPE	
JOBSITE TOOLS	
SPECIALTY TOOLS	

HAND TOOLS / COMBINATION SET

No.	DESC.	Image	Shank	Size (mm)	Total length (mm)
1 2 3 4 5 6 7	HSS-TiN metal drill bit 135°Split point	METAL	SDS-PLUS (Short type)	3 3.5 4 4.5 5 5 5.5 6	90 100 105 110 116 123 123 131
9 10 11 12 13	Brad point Wood drill	WOOD	SDS-PLUS (Short type)	4 5 6 8 10	105 116 123 147 163
14 15 16 17 18	SDS-PLUS Hammer drill		SDS-PLUS	6 7 8 10	160 160 160 160
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 55 56 57 58	25mm Screw bit		C-form	PH0 PH0 PH0 PH1 PH1 PH1 PH2 PH2 PH2 PH3 PH3 PH3 PH3 PF3 PF0 PZ0 PZ0 PZ1 PZ1 PZ2 PZ2 PZ2 PZ2 PZ2 PZ3 PZ3 Slotted 0.8x4.0 Slotted 0.8x5.0 Slotted 0.8x5.0 Slotted 1.0 x 5.5 Slotted 1.0 x 5.5 Slotted 1.0 x 5.5 Slotted 1.0 x 5.5 Slotted 1.2 x 6.5 Hex. 3 Hex. 4 Hex. 5 Hex. 6 T10 T15 T20 T20 T25 T25 T30 T40	25
59 60 61 62	Magnetic Nutsetter		C-form	8 10 12 13	48
63	HSS countersink	<b>(1)</b>	C-form	M6(12.7)	41
64	SDS-PLUS Sleeve chuck bit holder		SDS-PLUS (Short type)	-	80
65	Tape Measure			3m*19r	nm

# 34 pcs Maccess Accessories set





Type / Size	Part No
7pcs HSS R Metal Drill Bits, Size: (2, 2.5, 3, 3.5, 4, 4.5, 5)mm	
5 x Masonry Drill Bits, Size: (4, 5, 6, 7, 8)mm	
5 x Wood Drill Bits, Size: (4, 5, 6, 7, 8)mm	
3pcs Philips Bits, Size: PH1-1pc, PH2-1pc, PH3-1pc	D-36996
3pcs Pozi Bits, Size: PZ1-1pc, PZ2-1pc, PZ3-1pc	/ D-36980
3pcs Slotted Bits, Size: 1-1pc, 1.2-1pc, 1.6-1pc	
3pcs Torx Bits, Size: T20-1, T25-1, T30-1	
3pcs Socket Wrench, Size: (7, 8, 10)mm	
1pc Magnet Bit Holder	
1pc Countersink	
Carrying Case	

# 71 pcs Maccess Accessories set



Type / Size	Part No
12 x HSS Metal Drill Bits (Titanium Coated) Size: (1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 6.5, 7)mm	
5 x Masonry Drill Bits Size: (3, 4, 5, 6, 8)mm	
5 x Wood Drill Bits Size: (4, 5, 6, 8, 10)mm	
3 x Flat Bits Size: (8, 15, 20)mm	
9 x Philips Bits (25mm) Size: PH1-3pcs, PH2-3pcs, PH3-3pcs	
9 x Pozi Bits (50mm) Size: PZ1-3pcs, PZ2-3pcs, PZ3-3pcs	
6 x Slotted Bits Size: (1- 1pc, 1.2- 3pcs, 1.6- 2pcs)mm	D-37144
4 x Allen Key screw Size: H3, H4, H5, H6	
Torx 6pcs Size: T20-2pcs, T25-2pcs, T30-1pc, T40-1pc	
Socket Wrench 4pcs Size: (8 10, 12, 13)mm	
Magnet Bit Holder (1)	
Counter Sink (1)	
Diameter Gauge Transparent (1)	
One Touch Bit Holder (1)	
Carpet Knife (1)	
Center Punch (1)	
Screw Driver (Hand Tool) (1)	
Size: 1/4" drive	
3-m Measuring tape (1)	
Carrying Case	

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

JOBSITE TOOLS

SPECIALT

HAND TOOLS

DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

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SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS /
COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

Carry Case

# **104 pcs Maccess Accessories set**



Type / Size	<b>New Part No</b> (With country of origin)
14pcs HSS Metal Titan Drill Bits Size: (1.5, 2, 2.5, 3, 3.5 4, 4.5, 5, 5.5, 6, 6.5, 7, 8, 10)mm	
5pcs Masonry Drill Bits Size: (3, 4, 5, 6, 8)mm	
7pcs Wood Drill Bits Size: (3, 4, 5, 6, 7, 8, 10)mm	
3pcs Flat Bits Size: (8, 15, 20)mm	
10pcs Philips Bits Size: PH1-2pcs, PH2-3pcs, PH3-3pcs, PH4-2pcs	
3pcs Philips Long Bits Size: PH2-1pc, PH3-1pc, PH4-1pc	
10pcs Pozi Bits Size: PZ1-2pcs, PZ2-3pcs, PZ3-3pcs, PZ4-2pcs	
3pcs Pozi Long Bits Size: PZ2-1pc, PZ3-1pc, PZ4-1pc	
6pcs Slotted Bits Size: 1-2pcs,1.2-3pcs, 1.6-1pc	
4pcs Slotted Long bits Size: 1-1pc,1.2-2pcs, 1.6-1pc	D-37150
4pcs Hex screw bits Size: H3, H4, H5, H6	/ D-31778
4pcs Hex Long screw bits Size: H3, H4, H5, H6	
9pcs Torx bitsSize: T20-3pcs, T25-2pcs, T30-2pcs, T40-2pcs	
6pcs Torx Long Bits Size: T20-1pc, T25-1pc, T30-2pcs, T40-2pcs	
4pcs Socket Wrench Size: wSize: (8, 10, 12, 13)mm	
1pc Magnet Bit Holder	
Counter Sink	
Leveler	
Counter Chuck Holder	
1pc Knife	
1pc Screw Driver	
1pc 3m Measuring tape	
4pcs Depth Gauge Size: (8, 10, 12, 13)mm	
1pc Hex Wrench for depth gauge	

# 75 pcs Drill & Screwdriver Bit Set

75pcs mixed accessory set includes wood, metal, masonry drill bits and various types of screwdriver bits that covers all common applications. Set comes in a compact plastic case.



Type / Size	Part No
21pcs Drill Bits 2pcs Wood Flat Bits - 16 and 22mm 5pcs Wood Brad Point Drill Bits - 3, 4, 5, 6, 8mm 5pcs TCT Drill Bits with straight shank - 3, 4, 5, 6, 8mm 9pcs Metal Drill Bits - 3, 3.2, 3.5, 4, 4.5, 5, 5.5, 6, 6.5mm	
48pcs Screwdriver Bits 40pcs of 25mm Screwdriver bits: PZ0, PZ1x2, PZ2x4, PZ3x2 PH0x2, PH1x2, PH2x4,PH3x2 SL0.5x3, SL0.5x4, SL0.6x5, SL1.0x6 T10, T15, T20x2, T25x2, T27, T30x2, T35, T40 HEX3, HEX4, HEX5x2, HEX6x2	■ E-15110
8pcs of 50mm Screwdriver bits: PH2x2, PH3, PZ2x2, PZ3, T25, T50	
4pcs Nut Setter (Non-magnet) 1/4" Hex - 6, 8, 10, 13mm	
2pcs Bit Holder 1pc Countersink Bit and 1pc Magnetic Bit Holder	

# 78 pcs Technician's Fixing Kit



Type / Size	Part No
1x 120mm Clear Magnetic Screw Guide	
2x Screw Finders	
7x HSS Drill, W/Hex Shank, Size: 1.5, 3.5, 4, 4.5, 5, 5.5, 6mm	
5x Masonry Drill W/Hex Shank, Size: 5, 6, 7, 8, 10mm	
5x Flats Bits, W/Hex Shank, Size: 16, 18, 22, 25, 32mm	
8x 1/4" Dr. 6pt Socket, W/Plastic Holder Size: 7/32, 1/4, 5/16, 3/8, 7/16, 11/32, 1/2, 9/16"	
8x 1/4" Dr. 6pt Socket, W/Plastic Holder Size: 5, 6, 7, 8, 9, 10, 11, 12mm	
20x 25mm Bit, W/Plastic Holder Size: 5x Pozi: PZ0, PZ1, PZ2, PZ2, PZ3 3x Slotted: 3mm, 4mm, 5mm 2x Phillips: PH1, PH2, 5x Hex: 3, 4, 5, 5.5, 6mm 4x Torx: T10, T20, T25, T27 1x Bit Adaptor	P-46492
1x 1/4" Dr. Universal Joint	
1x 1/4" Dr. Ratchet Handle	
10x 50mm Bit, Size: 5x Pozi: PZ1, PZ2, PZ2, PZ3, PZ3 2x Slotted: 4, 5mm, 3x Phillips: PH1, PH2, PH3	
1x 50mm(L) 1/4" x1/4" Bit Adapter	
1x Stubby Bit Driver W/Magnetic Tip	
1x 60mm Magnetic Bit Holder	
4x Hole Saw, Size: 16, 18, 20, 25mm	
1x Arbor Adapter,	
1x 1/4" Dr. 6" Flex. Extension	
1x Stud Finder Blow Molded Case	
Blow Moulded Case	

# 79 pcs Technician's Kit



Type / Size	Part No
1x 120mm(L) Compact Screw Guide	
2x Screw Finders	
7x Hex Shank HSS Drill W/Titanium Coated Size: 1.5 /3.5 /4 /4.5 /5 /5.5 /6mm	
5x Hex Shank Masonry Drill, Size: 5.5/6/7/8/10mm	
5x Hex Shank Flat Bits, Size: 16/18/22/25/32mm	
8x 1/4" Dr. 6pt Socket, W/Plastic Holder, Size: 7/32, 1/4, 5/16, 3/8, 7/16, 11/32, 1/2, 9/16"	
8x 1/4" Dr. 6pt Socket, W/Plastic Holder, Size: 5/6/7/8/9/10/11/12mm	
1x Bit Adaptor	
1x 1/4" Dr. Universal Joint	
1x 1/4" Dr., Ratchet Handle	
19x 25mm(L) Screwdriver Bit, Size: 5x Pozi: PZ0, PZ1, PZ2, PZ2, PZ3 5x Hex: 3/4/5/5.5/6mm, 2x Phillips: Ph1, Ph2, 3x Slotted: 3mm,4mm,5mm 4x Torx: T10/20/25/27,	P-52065
10 x 100mm(L) Screwdriver Bit, Size: 5-Pozi: PZ1,PZ2,PZ2,PZ3,PZ3 2-Philips: Ph1, Ph2 3- Slotted: 3/4/5mm	
1x 50mm(L) 1/4"X1/4" Bit Adaptor	
1- Stubby Bit Driver	
1- 60mm Magnetic Bit Holder	
4x Hole Saw (For Metal Cutting), Size: 16/18/20/25mm	
1x Arbor	
1 x Stud Finder	
1x 230mm Flexible Drive Shaft	
1x Maklok Quick Change Chuck	
Nylon Pouch	

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

CDINIDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN / LASER

CLEANING

OPE

IOBSITE

SPECIALT

HAND TOOLS /

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM DRILLING / FIXING

CONCRETE DRILLING / DEMOLITION

MIXING / STIRRING

CUTTING (CONCRETE / METAL)

GRINDING

SANDING / POLISHING

SAWING

MULTI-TOOL

ROUTERS / PLANERS

NAILERS / STAPLERS

HEAT GUN /

CLEANING

OPE

JOBSITE TOOLS

SPECIALTY TOOLS

HAND TOOLS / COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# 96 pcs Electrician's Tool Kit with Zipper case



Type / Size	Part No
6x Precision Screwdriver In Plastic Box, Size: 2x Phillips: Ph0, Ph1, 4x Slotted: 1.4, 2.0, 2.4, 3.0mm	
1x Utility Knife, 1x Stud Finder	
19x 25mm(L) Screwdriver Bits,	

Size: 5x Slotted: 3, 4, 5, 6, 7mm, 4x Phillips: PH1/2/2/3 4x Pozi: PZ1,PZ2x2pcs,PZ3 3x Torx: T15, T20, T25 3x Hex: 4mm, 6mm, 7mm

2x Hex/Square Drive Adaptor (25mm and 50mm)

10x 50mm(L) Screwdriver Bits, Size: 3x Slotted: 4mm, 5mm, 6mm 3x Phillips: PH1/2/3 2x Pozi: PZ1/2, 2x Hex: 4mm, 5mm

1x 50mm Magnetic Extension, 1x Screw Finder

3x Depth Gauge, Size: 3,6,8mm

1x 2.5 Hex Key, 1x Holesaw Arbor

4x BixMetal Holesaws For Metal Cutting, Size: 16, 18, 20, 25mm

14x Nutdrivers,

Size: (7, 8, 9, 10, 11, 12, 13)mm & (1/4, 9/32, 5/16, 11/32, 3/8, 7/16, /2)"

P-51851

1x Maklok Quick Change Chuck

7x Hex Shank HSS Drill Bits, Titanium Coated Size: 4, 5, 6, 7, 8, 9, 10mm

5x Hex Shank Masonry Drill, Size: 5.5, 6, 7, 8, 10mm

1 x 150mm Diagonal nose plier, GS handle, 1000V

1 x 150mm Linesman plier, GS handle 1000V

5 x Insulated Screwdrivers GD handle 1000V Size: 2 pc Slotted 3 x 100mm. 6.5 x 150mm

3 pc Phllips: Ph0x75mm, Ph1x100mm, Ph2x100mm

1 Rachet bit driver, 1 X 3.5M Measuring tape

1 X 300mm Spirit level, 1 X Carpenter's pencil

1 X Clear screw guide, , 1x 150mm Drive Extension

1x 6.4mm Drill Saw, Titanium Coated

5x Hex Shank Flat Bits, Size: 16, 18, 22, 25, 32mm

Zipper Case

# 102 Piece Drill & Screw Bit Set



Type / Size	Part No
Tape measure	
Countersink	
Dry Wall Bit C-Form	
Diameter Gauge / 4 Depth Stops - 3, 5, 8, 10 / L hex wrench	
3 Flat Bits 1/4" Hex – 12, 16, 19	
4 Hole Saws - 32, 38, 40, 54	
Spirit Level	
30pcs of 25mm Screw Bits	
PZ1 x 2, PZ2 x 3, PZ3 x 2	
PH1, PH2, PH3	
T10, T15, T20, T25, T27, T30	
HEX3, HEX4, HEX5, HEX6 SL0.5X3 x 2, SL0.5X4 x 2, SL0.6X4.5 x 2,	
SL1.0X6 x 2, SL1.2X7, SL1.2X8	E-10730
20pcs of 50mm Screw Bits	
SL0.5X3, SL0.5X4, SL0.6X4.5	
PH1, PH2 x 2, PH3,	
PZO, PZ1, PZ2 x 2, PZ3, T10, T20, T25, T27,	
HEX3, HEX4, HEX5, HEX6	
Screw Driver/ Bit driver handle	
13 Nut Setters 1/4" Hex – 5 x 2, 5.5, 6 x 2,	
7 x 2, 8, 9, 10, 11, 12, 13	
6 Masonry Drill Bits – 3, 4, 5, 5.5, 6, 6.5	
6 Wood Drill Bits – 3, 4, 5, 5.5, 6, 6.5	
6 HSS-TiN Metal Drill Bits – 3, 4, 5, 5.5, 6, 6.5	
Magnetic Bit Holder	
Centre Punch	

# 103pcs Bit and Hand Tool Display Set (5 Set)

Comes as a pack of 5 sets



	5 set package
Type / Size	Part No
4pcs Hole Saw (32, 38, 45, 54mm)	
1pc Hole Saw Arbor	
4pcs Depth Stop (3, 5, 8, 10mm)	
1pc Hex Key Wrench	
1pc Measure 3m	
1pc Long Nose Plier	
1pc Combination Plier	
1pc Adjustable Wrench	
3pcs Flat Bit (16/22/32mm)	
1pc Nail Hammer	
1pc Leveler	
1pc Diameter Gauge 1-10mm	
18pcs HSS-R Drill Bit (1,1.5, 2x2pcs, 2.5, 3x2pcs, 3.5, 4x2pcs, 4.5, 5.5, 6, 6.5, 7, 8, 10mm)	D-42341-5
7pcs Masonry Drill Bit ( 3/4/5/5.5/6/7/8mm)	
7pcs Wood Drill Bit (3, 4, 5, 6, 7, 8,10mm)	
40pcs Screw Driver Bit 25mm PH0x2pcs, PH1x2pcs, PH2x3pcs, PH3x3pcs PZ0x2pcs, PZ1x2pcs, PZ2x3pcs, PZ3x3pcs S4x2pcs, S6x2pcs, S7x2pcs H3, H4, H5, H6, T10x2pcs, T15x2pcs, T20x2pcs, T25x2pcs, T30, T40	
8pcs Socket (5, 6, 7, 8, 9, 10, 11, 13mm)	
1pc Socket adapter for 25mm Screwdriver	
1pc Counter Sink	
1pc Magnet Bit Holder	

DRILLING

CONCRETE DRILLING / DEMOLITION

> MIXING / STIRRING

CUTTING (CONCRETE / METAL)

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MULTI-TOOL

ROUTERS / PLANERS

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HEAT GUN / LASER

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JOBSITE TOOLS

SPECIAL

HAND TOOLS

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **Tool Pouches and Holders**





# System as a BELT

Strap BELT can be easily detached from any Tool Bag or Tool Case and worn on the waist as a light-duty belt. Strap can be adjusted, which is flexible and convenient to fit your needs. Can be worn with any Makita Tool Pouch and Holder.

# System as STRAP

New in the market - unique STRAP Belt System with quick release buckles at the ends makes the belt multipurpose. Strap with comfortable soft rubber shoulder pad makes the lifting more comfortable. Fits to all Makita Tool Bags and Cases.















**ELASTIC LOOPS** 

















Polyethylene **High Density** 



Polyester 600D



Polyester 1680D



Leather Polypropylene



Rubbery Handle

Tape



**Holder For** Knife



**Elastic Band** 



Rivets



Bit Loops



Carabiner



**Press Stud** Button



Eye let



Insulating Tape Chain



Measuring Tape Clip



**Holder For** Pliers



Side Gate Hammer Holder



Swinging Hammer Holder



**Makita Cushioned** Shoulder Pad



Twin Pin **Metal Buckle** 



**Holder For** Screwdriver



3D Air Mesh



Zipper Tape



**Quick Release** Buckle



**Anti Slip** Material



Hook &





- Universal design, comfortable for left & right handed users
- 2 hand tool holders on sides made of elastic loop
- 2 drill bit loops and one open loop for quick change adaptor

·		
Specificati	on	Part #
HxLxW	235 x 155 x 75mm	E-05119
Weight	0.13kg	2-03113

# **Ultimate 2 Pocket Fixing Pouch**



•

ELASTIC LOOPS

STRAP/BELT S Y S T E M

ANTI SLIP

- Perfect foundation to start with professional tool bellt set
- 2 big pockets to carry all necessary equipment & fixings
- 3 holders and 4 elastic side loops for easy-access tools
- D-ring to hang various tools and accessories

1680 H (ELASTIC

Specificati	on	Part#
HxLxW	270 x 260 x 145mm	E-05131
Weight	0.51kg	L-03131

CONCRETE DRILLING / DEMOLITION

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COMBINATION SET

TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# **Ultimate Electricians Pouch**



- Designed to meet requirements for professional electrician
- 12 elastic loops at the front for easy-access
- 8 holders plus 3 elastic loops on sides
- 2 main 8deep pockets
- 1 leather holder and 2 polyester holders on sides

Specificatior	I .	Part #
HxLxW	310 x 250 x 125mm	E-05181
Weight	1.7kg	2 03 10 1

# **Zip Top Pouch Dual Battery or Fixings**



■ 1680 ) H ( 8 - Perfect basic pouch for various work activities **3 LAYERS** 

STRAP BELT S Y S T E M

- Sits comfortably on any type of belt
- Keeps your tools handy when needed
- Safe, convenient and accessible
- Contains pockets & sleeves for nails, tools, battery, pencils, etc.

Specificati	on	Part#
H x L x W Weight	185 x 175 x 105mm 0.24kg	E-05206

# Side Gate Hammer & Hand Tool Holder





STRAP BELT 3 LAYERS



- Stainless steel side gate hammer holder fits any hammer
- 2 additional elastic loops for pencil or screwdriver
- Sits comfortably on any type of belt

5	specification	ı	Part #
F	H x L x W	165 x 110 x 70mm	E-05234
V	Weight	0.15kg	L-03234

# **Ultimate Heavyweight Tool Belt Set**



- Can be loaded up with multiple pouches and holders
- Distributes weight of tools evenly around your waist for all day long comfort
- Carries everything: has pockets and sleeves for nails, spare parts, tools, pencils, etc.
- Quick dry air-mesh padding for more comfort

Specificat	tion	Part #
H x L Weight	310 x 800mm 1.73kg	E-05175

DRILLING /

CONCRETE DRILLING / DEMOLITION

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ROUTERS / PLANERS

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TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# Quick Release Belt & Belt Loop



- Perfect basic belt for various work activities

- Base to build your own customized tool belt set
- Secured with a durable, high-impact plastic buckle
- Constructed for carrying multiple light duty pouches
- Double stitching all around the belt to ensure fabrics don't detach or fray

Specification	on	Part #
HxL	50 x 1,550mm	E-05337
Weight	0.25kg	L-03337

# **Tape Measure Holder**



- Adjustable and easy to use tape measure holder
- Specially designed pocket with holes to measure without taking the tape out
- 2 side loops for pencils and screwdrivers
- Can be used for tape measures 3m to 10m

	•	
Specificati	Part #	
HxLxW	165 x 110 x 80mm	E-05278
Weight	0.14kg	L-03270

# Ultimate Padded Braces & Phone Holder



- Integrate with (E-05175) Ultimate Heavyweight Tool Belt for best results
- Designed for professional use for all day comfort
- Lightweight and comfortable, incredibly strong & durable
- Chest adjustment fits wide range of body sizes

Specificati	Part #	
H x L x W Weight	410 x 520 x 23mm 0.47kg	E-05393

# **Tool Organizer Wrap**



- Holds over 30 hand tools and accessories
- Cascaded rubber bands for optional tool placement
- Perfect for storing in car, truck, garage or tool box
- Easy grab & go style keeps your basic tools right at hand
- Large wrench roll ideal for construction workers

Specification	Part #	
H x L x W Weight	195 x 350 x 45mm 0.75kg	E-05533

# **Guide Rail Protective Holder**





- Universal size to hold guide rails: 1.4M and 1.5M
- Protects your guide rails from scratches and shakes during transport or storage
- Strap Belt System included
- Constructed of heavy-duty 1680D polyester with foam for extreme durability

Specification	Part #	
$H \times L \times W$	220 x 1565 x 45mm	E-05664
Weight	1.45kg	2 03004

# **MAKPAC** Cases



DRILLING /

CONCRETE DRILLING / DEMOLITION

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TOOL HOLDERS AND POUCHES / MAKPAC SYSTEM

# MAKPAC.

MAKPAC is the cases can be stacked on top of each other and locked together with the locking latches. The interconnected cases take up less storage space and are easy to transport to and from the work site. Strong and collapsible carry handles make the cases easy to move and store while the rounded grips make it easy to remove the individual cases.

# **MAKPAC CONNECTOR CASE**

Innovative stackable case design for efficient organization, transporting and protection of tools

Can be stacked on top of any Makpack cases with the locking latches.

The **MAKPAC** connector case system consists of four cases varying in height.



**CASE TYPE 1 Part No.:** 821549-5



**CASE TYPE 2 Part No.:** 821550-0



**CASE TYPE 3 Part No.:** 821551-8



CASE TYPE 4
Part No.: 140S63-9

# **MAKPAC STORAGE BOX**

For to carry hand tools and accessories Can be stacked on top of any Makpac cases with the locking latches.

Part No.: P-84137



# **MAKPAC COOL BOX**



Cool box is a great chilling bin for summer groceries, drinks and ice. Ideal For: Jobsite, Travel, Camping, Sports & Recreation Use

The **MAKPAC** cool box system consists of two cases varying in height.





**CASE TYPE 3 Part No.:** 198254-2



18L 500mL 2L ×20 ×

**CASE TYPE 4 Part No.:** 198253-4

# **MAKPAC TROLLEY**



The Makita MakPac Folding Trolley offers quick and easy transport of a stack of Makita MakPac cases. The maximum load of 125kg is more than enough to cope with a stack of power tools. A webbing belt secures the load to the trolley for safety. The handle is telescopic allowing you to select the most convenient height for comfortably moving the load around.

Part No.: TR00000002





# **Makpac ADAPTER SET**

Makpack adapter set to connects with Makita Vacuum Cleaner

Suits only with Vacuum Model VC3210LX1, VC3211HX1, VC003GL, VC004GL, VC005GL







# **Carbon Brushes**

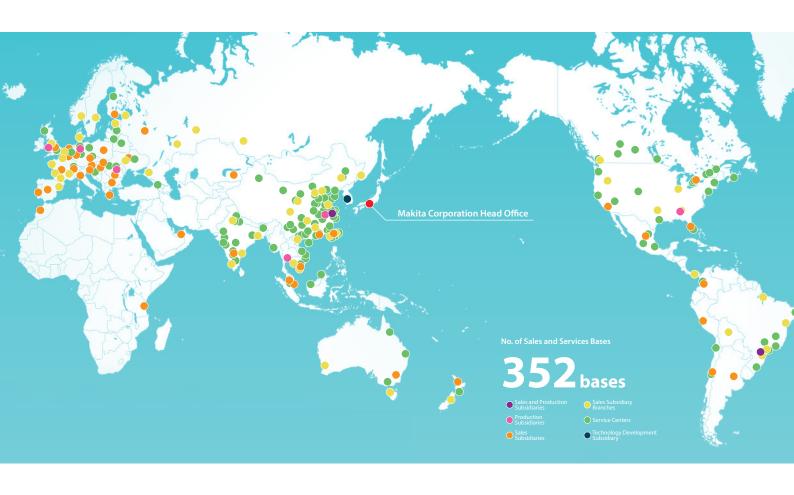


	ı					
High Volt CB No.	Part No.	New Part No (With country of origin)	Low Volt CB No.	Part No.	New Part No (With country of origin)	
1	181019-9	194961-5	1	181019-9	194961-5	
51		194963-1	76			
55	181026-2	194964-9	75	191956-9		
64		194968-1	75	191956-9		
65		194969-9	76			
70	191914-5	194970-4	70	191914-5	194970-4	
85	191998-3	194973-8	75	191956-9		
100		194974-6	124	191945-4		
106		194976-2	107	181437-1		
132		194984-3	132		194984-3	
153		194985-1	154		194986-9	
154		194986-9	154		194986-9	
165	191936-5		166			
203		194991-6	203		194991-6	
253	194547-5	194994-0	253	194547-5	194994-0	
303		194996-6	303		194996-6	
325		195001-2	325		195001-2	
411		195010-1	408	191938-1	195008-8	
415	191950-1	195012-7	401	191910-3	195005-4	
419		195015-1	407	191927-6		
459		195026-6	458			
Auto Cut- out Ca	rbon Brush					
105		194975-4	105		194975-4	
155	181048-2	194987-7	155	181048-2	194987-7	
175		195845-0	175		195845-0	
204		194992-4	204		194992-4	
327		195003-8	304		194997-4	
318		194999-0	318		194999-0	
350	. 0	195004-6	350		195004-6	
Carbon Brush fo	r Cordless tool					
424		195017-7			195017-7	
430		195018-5	430		195018-5	
434	193466-2		434	193466-2		
440		195021-6	440		195021-6	
441		195022-4	441		195022-4	
442		195023-2	442		195023-2	
448	196854-2		448	196854-2		

# **Makita - A Global Brand**

Makita have established directly operated business bases in about 50 countries around the world, and have upgraded our sales network in over 170 countries and after-sales service capabilities to become one of the leading companies in our industry. In addition, Makita is producing power tools and OPE in China, Romania, Thailand, U.K., Brazil, U.S. and Germany. Currently, about 90% of our group's manufacturing work in terms of production volume is carried out overseas.

Makita's worldwide sales and service network, as well as the stable, high production quality ensured at its plants worldwide, are the embodiment of the Makita brand.



**JAPAN**Makita Corporation Headquarters



**JAPAN** Okazaki Plant



U.S. Plant



**UNITED KINGDOM** U.K. Plant



ROMANIA Romania Plant



**GERMANY** Germany Plant



BRAZIL Brazil Plant



**CHINA**China Plant (MCC)



**CHINA**China Plant (MKC)



THAILAND
Thailand Plant



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**DAMMAM 31411,** P.O. BOX 119. TEL.: +966 3 8333574 FAX: +966 3 8325451

E-MAIL: makita@khusheim.com

# KUWAIT

# ARABI COMPANY W.L.L.

MAKITA SHOWROOM CANADA DRY STREET,

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E-MAIL: powertools@arabicompany.net

# **OMAN**

# **GULF SERVICES & INDUSTRIAL** SUPPLIES CO. L.L.C.

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# OATAR

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# **LEBANON**

# **CHEHAB BROTHERS S.A.L.**

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# BODCO LTD

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# **Domestic sales offices**

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# **CHINA**

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# **Bangalore Service Centre**

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# **Cochin Branch**

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# Mumbai Service Centre

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# **Ahmedabad Service Centre**

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# **Hyderabad Service Centre**

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# **Peenya Service Center**

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# **Pune Service Centre**

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**Rudrapur Service Centre** MIG-48, Ground Floor, Ward No. 19, New Ward no. 38, Near Siddhu Palace, Awas Vikas, Rudrapur, Uttarakhand - 263153 Phone: +91 7042597756

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### Jamshedpur Service Centre

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### **Indore Service Centre**

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# **Coimbatore Service Centre**

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# **VIETNAM**

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# **Can Tho Service Center**

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# **Buon Ma Thuot Service Center**

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# Southern regional (Dallas) office

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# Makita Corporation of America

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# **MEXICO**

# Makita México, S.A. de C.V.

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# Fax: +55-(0)11-4392-2471

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# **ARGENTINA**

# Makita Herramientas Eléctricas de

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# Makita Chile Comercial Ltda.

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# **PERU**

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# **Safety Precautions**

When using electric tools, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and personal injury, including the following.

# /// KEEP WORK AREA CLEAN.

Cluttered areas and benches invite injuries.

### /// CONSIDER WORK AREA ENVIRONMENT.

Don't use power tools in damp or wet locations. Keep work area well lit. Don't expose power tools to rain. Don't use power tool in presence of flammable liquids or gases.

### /// KEEP CHILDREN AWAY.

All visitors should be kept away from work area.

Don't let visitors touch the tool or extension cord.

### /// STORE IDLE TOOLS.

When not in use, tools should be stored in a dry, high of locked up place, out of reach of children.

### /// DON'T FORCE THE TOOL

It will do the job better and safer at the rate for which it was intended.

### /// USE THE RIGHT TOOL.

Don't force small tools or attachments to do the job of a heavy-duty tool. Don't use tools for purposes not intended.

### /// DRESS PROPERLY

Don't wear loose clothing or jewelry. They can be caught in moving parts. Rubber gloves and non-skid footwear are recommended when working outdoors. Wear protective hair covering to contain long hair.

### /// USE SAFFTY GLASSES.

Also use face or dust mask if the cutting operation is dusty.

# /// DON'T ABUSE THE CORD.

Never carry the tool by the cord or yank it to disconnect it from the socket. Keep the cord away from heat, oil, and sharp edges.

# /// SECURE WORK.

Use clamps or a vise to hold the work. It's safer than using your hand and it frees both hands to operate the tool.

# /// DON'T OVERREACH.

Keep proper footing and balance at all times.

# /// MAINTAIN TOOLS WITH CARE.

Keep cutting tools sharp and clean for better and safer performance. Follow instructions for lubrication and changing accessories. Inspect tool cord periodically and if damaged, have it repaired by an authorized service facility. Inspect extension cords periodically and replace, if damaged. Keep handles dry, clean and free from oil and grease.

# /// DISCONNECT TOOLS.

When not in use, before servicing and when changing accessories such as blades, bits and cutters.

### /// REMOVE ADJUSTING KEYS AND WRENCHES.

Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.

# /// AVOID UNINTENTIONAL STARTING.

Don't carry a plugged-in tool with a finger on the switch. Ensure switch is OFF when plugging in.

# /// USE OUTDOOR EXTENSION CORDS.

When tool is used outdoors, use only extension cords intended for outdoor

### /// STAY ALERT

Watch what you are doing. Use common sense. Don't operate tool when you are tired.

### /// CHECK DAMAGED PARTS

Before further use of the tool, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, free running of moving parts, breakage of parts, mounting and any other conditions that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorized service center unless otherwise indicated in this instruction manual. Have defective switches replaced by an authorized service facility. Don't use the tool if the switch does not turn it on and off.

# /// GUARD AGAINST ELECTRIC SHOCK.

Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).

# /// REPLACEMENT PARTS.

When servicing a tool, use only identical replacement parts.

# /// VOLTAGE WARNING:

Before connecting the tool to a power source (receptacle, outlet, etc.) Be sure the voltage supplied is the same as that specified on the nameplate of the tool. A power source with voltage greater than that specified for the tool can result in SERIOUS INJURY to the user V as well as damage to the tool. If in doubt, DO NOT PLUG IN THE TOOL. Using a power source with voltage less than the nameplate rating is harmful to the motor.

# Note

- Makita reserves the right to change specifications of parts and accessories without notice.
- Items of standard equipment and specifications may vary by country or area.
- Net weight and dimensions may differ by the type of battery.
- Standard export color for motor housing is Makita industrial green (blue).
- Please state required voltage when ordering. These offers are subject to availability in each country. Actual product color may differ slightly from color reproduced here.
- Weight data in this catalogue is the value measured by us according to EPTA Procedure.

# Guarantee

Every Makita tool is thoroughly inspected and tested before leaving the factory. It is guaranteed against defective workmanship and materials. Should any trouble develop, return the COMPLETE tool prepaid to Makita or point of purchase. If inspection shows trouble is caused by defective workmanship of material, all repairs will be made without charge. The guarantee does not apply where repairs have been made or attempted by others; repairs are due to normal wear; the tool has been abused or in an accident; misuse is evident – caused by overloading the tool beyond its capacity, use of the tool after partial failure or use with improper accessories.















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