

18+18V

Li-ion OPE CATALOGUE





KEY TO SYMBOLS

Variable Speed Constant Speed Reversing Electronic 3-Speed Electronic 2-Speed Brake Automatic Oiling Soft Start Chain Brake

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LITHIUM ION BATTERY REFERENCE CHART

					CHARGER		
	VOL	TAGE	SINGLE PORT CHARGER DC18RC (FAST CHARGER) LXT	TWO PORT CHARGER DC18RD (FAST CHARGER) LXT	TWO PORT CHARGER DC18RE (FAST CHARGER) CXT & LXT	RAPID AUTOMOTIVE CHARGER DC18SE (compatible	FOUR PORT CHARGER DC18SF (STANDARD CHARGER) LXT
110) - 120 (2pin ty	ype) Part No.	195582-6	-	198443-9	with 12V/ 24V	-
	0 - 120 (3pin ty		-	196929-7*	-	DC cigarette	-
220	220 - 240 (2pin type) Part No.		195584-2	196933-6	198575-2	lighter socket	-
220	0 - 240 (3pin ty	ype) Part No.	197378-1	196940-9	198447-1	194621-9	196427-1
	L	B V XT ion					
	6.0	Ah	55	55	55	130	130 260
BATTERY ID	BL18	860B	min	min	min	min	min min
Part No.	1974	122-4				min	
PACKAGE	SIN	GLE	FAST CHARGING	FAST CHARGING	FAST CHARGING		1-2 3-4
FUEL GAUGE		/					batteries batteries
BATTERY ID Part No. PACKAGE FUEL GAUGE	BL18 1972 SIN	DAh B50B B80-8 GLE	45 min FAST CHARGING	45 min FAST CHARGING	45 min FAST CHARGING	110 min	110 220 min min 1-2 3-4 batteries batteries
	3.0	Ah	22	22	22	60	60 120
BATTERY ID	BL1830B	BL1830B	min	min	min	min	min min
Part No.	632G12-3	197599-5	FAST CHARGING	FAST CHARGING	FAST CHARGING		1-2 3-4
PACKAGE	BULK	SINGLE					batteries batteries
FUEL GAUGE	✓	✓					
	1.5	Ah	15	15	15	30	30 60
BATTERY ID	BL1	815N	min	min	min	min	min min
Part No.	632A	54-1 •	FAST CHARGING	FAST CHARGING	FAST CHARGING		1-2 3-4
PACKAGE		JLK	TAST CHARGING	TAST CHARGING	TAST CHARGING		batteries batteries
FUEL GAUGE		Χ					patteries patteries
BATTERY ID	BL1	8 Ah 815 45-6 •	15 min	15 min	-	-	
Part No.			FAST CHARGING	FAST CHARGING			
PACKAGE FUEL GAUGE		GLE X					

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

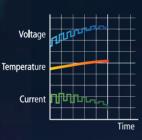


The Makita Rapid Optimum Charger communicates with the battery's built-in chip throughout the charging process to optimize battery life by actively controlling current, voltage and temperature.

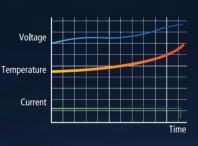




The optimum charging system



General charging method



Cordless advantage

- Easy to Use

Start-up



Engine tools need time and tips to

Constant speed control



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

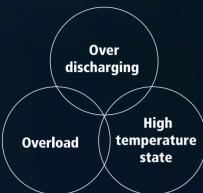
Low noise Noise level comparison







Battery Protection Function



This function is communication technology that allows the tool



Anytime Charge

No Memory Effect No discharging required



and battery to monitor conditions and exchange data in real time to protect against Overload, Over-Discharge and Overheating.

> **Shock Absorbing** Heavy Duty Pack



Over

Purpose-built brushless motors

Makita-built Brushless Motor

the motor to run cooler and more efficiently for longer life. The electronicallycontrolled Brushless Motor efficiently uses energy to match torque and RPM to the changing demands of the application.



Clean & Easy Maintenance

Zero emission

Engine tools











Engine tools take time for maintenance.



Cordless toolsCordless tools are maintenance - free unlike Engine tools.



Cost and time reduction

It takes time to prepare mixed fuel for Engine.

Long term storage

Engine tools

Engine toolsIf 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



Cordless tools



Just insert battery and ready to use.

Cordless tools

Even if you store the tools for a long period,

Just insert battery and ready to use.







Easy maintenance

Engine tools

LITHIUM ION CORDLESS GARDEN TOOLS

Powered by 18V + 18V Lithium-ion Battery





LONGER RUN TIME

Constant power and run time protect the machines against overload, over-discharge, and overheating



口面:IUM+OM Charger

OPTIMIZED CHARGING SYSTEM

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. Built-in fan circulates air through the battery during the charging process to cool the battery for faster charge time

Go Green with



Makita Lithium-ion Cordless Garden Tools

Best choices for resorts, hotels, public places and among residential areas due to



+ ZERO POLLUTION

+ LOW NOISE + LOW VIBRATION

EASY MAINTENANCE

As a global supplier of a comprehensive range of power tools and garden tools that assist people in creating homes and living environments, it is vital that we consider the environmental impact on each person's lifestyle and recognize that environmental issues such as global warming concern us directly. Makita offers a range of cordless garden tools which are engineered to use with long-life lithium-ion batteries to save energy, eliminate CO2 emissions, preserve the environment and light in weight for user's comfort.

Our 18v+18v lithium-ion cordless garden tools are friendly to both users and the environment



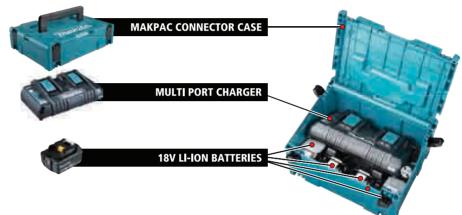
The "Go Green" slogan symbolizes Makita's commitment to continually providing new value as a comprehensive international supplier of tools. We hope to always remain a company that maintains a steady eye on society, challenging ourselves to create a "sustainable recycling-oriented society" that combines the environment with the economy

POWER SOURCE KIT

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.



Kit 1 (With 6.0Ah Ba	ttery x 2pc	:s)									
POWER SOURCE KIT					SE	T CONTE	NTS				
PART No.		BA	TTERY				CHARGE	R			MAKPAC
	MODEL	VOLTS	AMPERE	FUEL GAUGE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
198082-5	BL1860B	18V Li-ion	6.0Ah	\checkmark	2pcs	DC18RD	18V-14.4V Li-ion	2	3	1pc	Type 3
Kit 2 (With 6.0Ah Bat	Kit 2 (With 6.0Ah Battery x 1pc)										
POWER SOURCE KIT					SE	T CONTE	NTS				
PART No.		BA	TTERY				CHARGE	ER			MAKPAC
	MODEL	VOLTS	AMPERE	FUEL GAUGE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
198108-3	BL1860B	18V Li-ion	6.0Ah	\checkmark	1pc	DC18RC	18V-14.4V Li-ion	1	3	1pc	Type 1
Kit 3 (With 5.0Ah Bat	ttery x 4pc	:s)									
POWER SOURCE KIT					SE	T CONTE	NTS				
PART No.	BATTERY					CHARGER				МАКРАС	
	MODEL	VOLTS	AMPERE	FUEL GAUGE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
198568-9	BL1850B	18V Li-ion	5.0Ah	✓	4pcs	DC18RD	18V-14.4V Li-ion	2	3	1pc	Type 3
197626-8	BL1850B	18V Li-ion	5.0Ah	\checkmark	4pcs	DC18RD	18V-14.4V Li-ion	2	2	1pc	Type 3
Kit 4 (With 5.0Ah Battery x 2pcs)											
POWER SOURCE KIT											
PART No.		BA	TTERY				CHARGE	ER			MAKPAC
	MODEL	VOLTS	AMPERE	FUEL GAUGE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
198567-1	BL1850B	18V Li-ion	5.0Ah	\checkmark	2pcs	DC18RD	18V-14.4V Li-ion	2	3	1pc	Type 3
197629-2	BL1850B	18V Li-ion	5.0Ah	\checkmark	2pcs	DC18RD	18V-14.4V Li-ion	2	2	1pc	Type 3
Kit 5 (With 3.0Ah Bat	Kit 5 (With 3.0Ah Battery x 4pcs)										
POWER SOURCE KIT					SE	T CONTE	NTS				
PART No.		BA	TTERY			CHARGER				MAKPAC	
	MODEL	VOLTS	AMPERE	FUEL GAUGE	QTY	MODEL	VOLTS	PORT	PIN	QTY	CASE
197972-9	BL1830B	18V Li-ion	3.0Ah	\checkmark	4pcs	DC18RD	18V-14.4V Li-ion	2	3	1pc	Type 3

DUC400 - CORDLESS CHAIN SAW







Tool-less saw chain tension adjustment

Extendable lever provides higher tightening torque.

Dial for easier adjustment of saw chain tension



Adjusting the chain oil lubrication

You can adjust the oil pump feed rate with the adjusting screw

Constant speed control

- minimizes reduction in rotation speed under load, keeping operation efficiency
- Lowers noise under no load

Metal chain catcher



Chain oil level window allows to check how much oil is left from outside



SPECIFICATIONS

Guide Bar Length	400 mm (16")
Chain Pitch	3/8"
Chain Gauge	1.1 / 1.3 mm (0.043" / 0.050")
Chain Speed	0 - 20 m/s
	(0 - 1,200 m/min) (0 - 3,940 FPM)
Chain Oil Tank Volume	200 mL
Sound pressure level	87.7dB(A)
Sound powe	100.4dB(A)
Dimensions (L x W x H)	818x215x235 mm
Net weight	5.5 kg

Metal spike bar



Variable speed trigger switch



Lock-off lever



Main power switch with auto power-off function



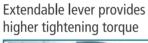
DUC252 - CORDLESS CHAIN SAW





Tool-less saw chain tension adjustment

Dial for easier adjustment of saw chain tension







Adjusting the chain lubrication



SPECIFICATIONS

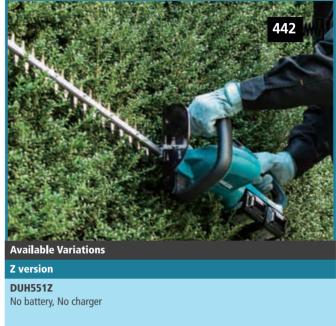
3/8"
5/0
1.3 mm (0.05")
8.3 m/s (500 m/min) (1,650 FPM
85 mL
84 <u>.</u> 4 dB(A)
95.4 dB(A)
545x234x198 mm
4.7 kg

Retractable metal hook



DUH551 - CORDLESS HEDGE TRIMMER





Well balanced tool design

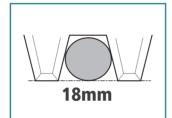
The stress on the front arm and hand is reduced by positioning the battery port on the rear end of the tool

Low noise level

Extremely low noise emission compared with our 21mL petrolpowered machine, and almost the same as our AC machine

Maximum branch diameter

Indicates maximum diameter of the branch that can be received between adjacent two blade teeth



High-performance trimming

No-load speed is higher than any other competitor's products, providing high-performance trimming



SPECIFICATIONS

2,000 - 3,600 36 mm (1-7/16")
36 mm (1-7/16")
30 111111 (1-7/10)
81.5 dB(A)
91 dB(A)
2.5 m/s² or less
1,065x225x200 mm
4.6 - 5.3 kg

5 position rotating rear handle

- Locks at 45° and 90° left and right and 0°
- Makes vertical and angled trimming easier and faster



DUR364L - CORDLESS GRASS TRIMMER





High work efficiency achieved by direct drive system





350mm nylon cutting head rotating clockwise

Compatible with nylon cutting head and plastic blade



Constant speed control

 minimizes reduction in rotation speed under load, keeping operation efficiency
 Lowers noise under no load

Aluminum motor housing



Compact protector

Small enough to allow for a clear view of cutting, but large enough to prevent grass/weed clippings from flying around



SPECIFICATIONS

No load speed (rpm)	Low: 5,000 / High: 6,500
Spindle size	M8 x 1.25RH
Sound pressure level	81dB(A)
Sound power level	89dB(A)(nylon)
Vibration level Left handle	1.7m/s²
Vibration level Right handle	1.2m/s ²
Dimensions (L x W x H)	1,797x310x229mm
Max. output	550W
Net weight BL1830x2	4.5kg
Standard Equipment: Nylon cutting head, Universal guard, Sho double shoulder strap, Wrenches.	oulder harness with

Reverse switch for easy removal of clogging grass/weed clippings

- Grass/weed clippings can be removed by slow reverse rotation by pressing Touch button switch and pulling Trigger switch
- The motor automatically returns to forward rotation after 3-second reverse rotation for quick restart of operation



DUB362 - CORDLESS BLOWER





6-stage air volume / velocity selection by dial with variable control by trigger in each range



3-stage telescopic long nozzle with an adjustment range of 100mm (4")





Excellent handling and comfortable operation by excellent balance



Hole on the bottom of housing for hanging the machine on a wall-mounted hook for storage

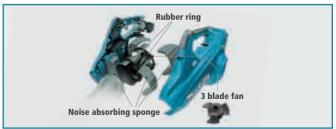
Best grip-to-frame angle provides an optimum nozzle-to-ground angle for efficient sweeping operation

SPECIFICATIONS

27 - 54m/s
Z1 - J4111/3
11,400 - 21,500
75,42,28,20,16,11.4mins
(with 2xBL1850B)
(respectively for speed 1,2,3,4,5,
830-930x205x295mm
4.1kg

Reduced noise level

- 3 blade fan to reduce noise level without losing air volume and velocity
- Double housing structure to minimize the noise level
- Additional sponge inside the housing to absorb the noise level



DUB361 - CORDLESS BLOWER





Cleans up leaves and garden debris easily with powerful maximum air velocity of 93m/s and large maximum air volume of 0.073m³/s

Ideal for use in public spaces or among residential areas with low noise emission

Lightweight at 2.6kg (5.9lbs)

Easy blowing with long nozzle



Compact design with an overall length (without nozzle) of 420mm (16-1/2")



Ergonomic grip for easy handling



SPECIFICATIONS

No load speed (rpm) Hi : 17,000 Lo : 10,000 Sound pressure level 82,3dB(A) Sound power level 94,7dB(A) Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg	No load speed (rpm) Hi : 17,000 Lo : 10,000 Sound pressure level 82,3dB(A) Sound power level 94,7dB(A) Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg	Air volume	Hi: 4.4m³/min Lo: 2.6m³/min
Sound pressure level 82.3dB(A) Sound power level 94.7dB(A) Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg Standard Equipment:	Sound pressure level 82.3dB(A) Sound power level 94.7dB(A) Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg	Air speed	Hi : 93m/s Lo : 57m/s
Sound power level 94.7dB(A) Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg Standard Equipment:	Sound power level 94.7dB(A) Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg	No load speed (rpm)	Hi : 17,000 Lo : 10,000
Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg Standard Equipment:	Continuous use (mins) 73 (with 2xBL1830B battery) Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg Standard Equipment:	Sound pressure level	82.3dB(A)
Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg Standard Equipment:	Dimensions (L x W x H) 905x141x194mm Net weight 3.1kg Standard Equipment:	Sound power level	94.7dB(A)
Net weight 3.1kg Standard Equipment:	Net weight 3.1kg Standard Equipment:	Continuous use (mins)	73 (with 2xBL1830B battery)
Standard Equipment:	Standard Equipment:	Dimensions (L x W x H)	905x141x194mm
		Net weight	3.1kg
	reaming erroriance poets.		

High/ Low push button for two different air volume settings



Battery capacity warning lamp



DUX60 - CORDLESS MULTI FUNCTION POWER HEAD





Easy change of attachments

Lever style lock system allows for quick tool-less installation and replacement of the attachments



Active Feedback sensing Technology

turns the motor off if rotation speed suddenly slows down



Reverse switch for easy removal of grass clippings from the cutting tool

Grass clippings can be removed by slow reverse rotation of the cutting tool (automatically stops in 3 seconds) by pressing touch button switch and pulling trigger switch



SPECIFICATIONS

Max output power: W	600
No Load Speed (RPM)	High: 0-9,700; Medium: 0-8,20
	Low: 0 - 5,700
Constant speed control	Yes
Variable speed control	By Trigger +
	By Button (3-speed selection)
Grass clipping removal fund	tion Yes
Dimensions (L x W x H)	1,011x320x216 mm
Net weight	4.1kg (without battery)

Excellent Mobility

Split system of Power head and Attachment provides easier mobility





DLM431 - CORDLESS LAWN MOWER





Grass box with Grass level indicator

A grass level indicator is added on the top of the grass box for the user to check whether the box is empty or full

Handle bar with soft grip



Smooth running wheels Less pushing force

Thanks to built-in ball bearing on axles, the machine can run smoothly with minimum effort to push it



Deck cover is added to under Deck (the contact surface with grass) to reduce the force required to push the machine



Single-lever cutting height adjustment

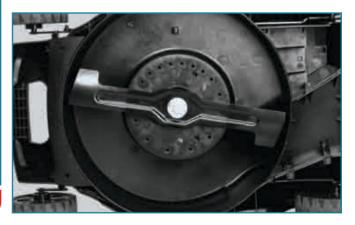
Enables 13 stage adjustment from 20 to 75mm



SPECIFICATIONS

Cutting width	430mm (17")
Cutting height	20-75mm (13/16 - 2-15/16")
No load speed (rpm)	3,600
Recommended mowing area	500-1,000m ²
Grass box capacity	50L
Continuous use (mins)	30 (with 2x BL1850B battery)
Dimensions (L x W x H)	1,450x460x950mm
Max output	730W
Net weight	18.3kg

17" cutting width for optimum performance



RUNTIME COMPARISON

Batteries for 18V LXT
ONLY 3.0Ah, 5.0Ah and 6.0Ah



CORDLESS	GRASS TRIMMER & (CORDLESS STRING TRIMME	R - No load continuous run	time (approx.): min
Battery L	XT 18V	BL1860B	BL1850B	BL1830B
DUR364L	Nylon cutting head	Hi: 57, Low: 120	Hi: 48, Low: 100	Hi: 28, Low: 58
DUX60	Nylon cutting head	Hi: 26,Mid: 43, Low: 117	Hi: 21,Mid: 35, Low: 97	Hi: 12,Mid: 20, Low: 56

CORDLESS HEDGE TRIMMER - No load continuous runtime (approx.): min				
Battery LXT 18V	BL1860B	BL1850B	BL1830B	
DUH551	95 - 40	75 - 125	45 - 70	

CORDLESS BLOWER - Continuous runtime (approx.): min				
Battery LXT 18V	BL1860B	BL1850B	BL1830B	
DUB362	12 - 84	11 - 73	6.5 - 42	
DUB361	Hi: 36, Low: 109	Hi: 30, Low: 92	Hi: 17, Low: 51	

CORDLESS CHAIN SAW - Work amount (approx.): (Cut 50mm cedar timber with 91PX saw chain under the normal duty condition.)Battery LXT 18VBL1860BBL1850BBL1830BDUC400650550300DUC252670560340

OTHERS - No load continuous runtime (approx.): min *one battery					
Battery LXT 18V	BL1860B	BL1850B	BL1830B		
DLM431	37	30	18		

ACCESSORIES

Guide Bar,	Chain Bla	de, Bar C	over									
	Guide Bar		Saw Chain				Bar Cover	File diameter	File diameter			
For Model	Bar Length	Bar Type	Guide Bar Part No.	Cutter	Туре	Gauge	Pitch	Drive Links	Saw Chain Part No.	Part No.	1st half of top plate	2nd half of top plate
DUC400	40cm/16"	Sprocket	165202-6	90SG	sc	1.1mm/ 0.043"	3/8"		511492756	419560-5	-	-
DUC252	25cm/10"	Sprocket	168408-5	91VG	sc	1.3mm/ 0.050"	3/8"	40	196205-9	-	4.0mm	4.0mm
EY401MP	25cm/10"	Sprocket	165695-7	91VXL	sc	1.3mm/ 0.050"	3/8"	39	196142-7	452093-7	-	-

Hedge Trimmer Blade / Shear Blade					
	For Model	Blade assembly Part No.	Upper Blade Part No.	Lower Blade Part No.	Blade Guard Part No.
Hedge Trimmer Blade	DUH551	196687-5	-	-	-
De Historia Harris	EN420MP	198195-2	-	-	

Brush Cu	tter Nylon Cuttin	g Head				
	Manual		Bump & Feed			Automatic
Туре	Wallua	B&F 4R	95-M10L	B&F ECO 4R	UltraAuto4R	B&F 4R
Size	5″	4"	4"	4"	4"	4"
Arbor size	M12	M8x1.25RH	M10x1.25LH	M8x1.25RH	M8x1.25RH	M8&10x1.25LH
Part No.	B-02951	A-89137	197804-0	197297-1	B-03006	B-02945 (with adapter)
DUR364L	-	-	-	V	-	-
EM400MP	ν	-	V	-	-	-
ER400MP	-	ν	-	-	V	ν

Lawn Mower Blade			
	Part No.	Size (mm)	Part No.
	DLM431	430	197761-2

				0	
	Star Blade (4-Tooth Blade) For tall grass and scrub	Eddy Blade (8-Tooth Blade) For thick grass and scrub	Saw Blade For bushes and thin tree trunks	Plastic Blade set	
Blade dia (mm)	230mm	230mm	230mm	255mm	
No. of teeth	4T	8T	80T	M8x1.25RH/LH	
Thickness	1.8	1.8	1.8	M10 x 1.25LH	
Part No.	B-14118	B-14130	B-14152	198384-9	
DUR364L	-	-	-	V	
EM400MP	V	ν	V	-	



MULTI HEAD ACCESSORIES / ATTACHMENTS

Able to meet a wide range of needs with just one power head (to be used with models DUX60 & EX2650LH)



Part No. 195528-2 Bump & feed 4 Dimensions: 703x270x402mm Net weight: 0.5Kg

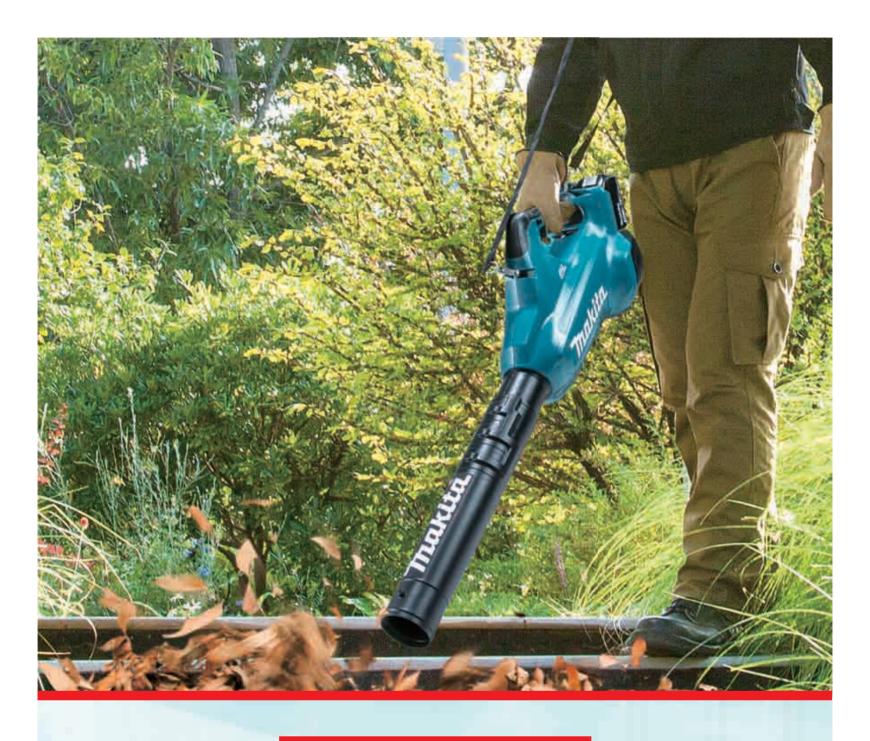
Ground Trimmer - EN420MP Part No. 198060-5 Suitable for undergrowth mowing that requires special attention for flying stone or kickback Max cutting capacity: 250mm Dimensions: 1,324x104x103mm Net weight: 2.6kg Standard Equipments: Blade cover Socket wrench.











makita

Makita Gulf FZE

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