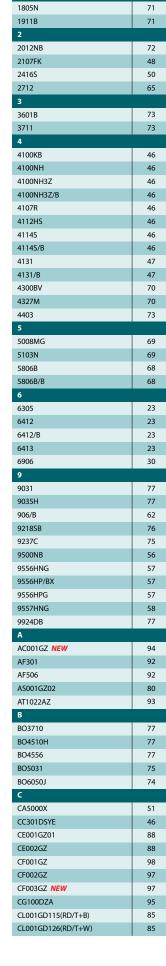
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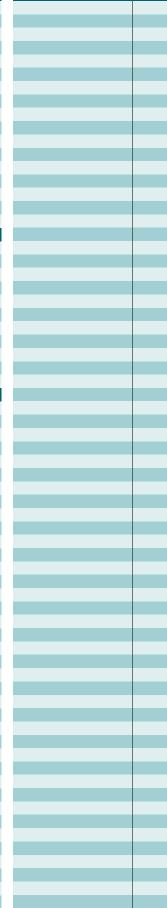
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Safety Precautions

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 SAFETY 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.

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 01/2003.

Warranty

Every MAKITA tool is thoroughly inspected and tested before leaving the factory. Subject to the following Terms and Conditions from the date of purchase, this tool is warranty against defective materials and manufacturing defects for a period of 6 MONTHS for AC and non brushless DC tools. As for brushless DC tools it will be a period of 12 MONTHS. Same goes to Makita charger warranty, against defective materials and manufacturing defects for a Months. As for Makita Light will be a period of 6 MONTHS.

The period and conditions of our warranty as follows:

- 1. Sales receipt must be presented when servicing or warranty is required.
- 2. Warranty ONLY cover tools distributed by Makita Singapore Pte. Ltd. Warranty does not cover tools purchased overseas or distributed by other countries.
- 3. This warranty is valid base on the original purchase receipt with "Date of Purchase", "Model Number" & "Serial Number".

This warranty will be null & void in any of the following events during the warranty period:

- 1. The product unit has undergone repair, attempted repair, dismantle or modification in any way whatsoever by any other person.
- 2. Damage resulting from use of improper accessories, non-genuine replacement parts, disassembly, tampering, alternation and repairing in any way that affects the reliability and performance.
- 3. Damage resulting from negligence, accident, disaster, improper storage or maintenance, abuse and misuse in evident caused by overloading the tool beyond its capacity.
- 4. Abnormal voltage or usage of generator, wrong usage not in accordance with the Operation Manual
- 5. If the Serial Number on the tool, seal on the battery and charger has been defaced or removed.
- 6. If any information on the warranty card has been defaced, removed, altered, unreadable or unclear (date of purchase, Serial Number, etc.)

** Makita reserved the rights of amend conditions of warranty without prior notice. Please visit our website for Makita's Service Centre information

http://www.makita.com.sg/servicing-the-customer

/// 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 use.

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.

/// STAY ALERT. Watch what you are doing. Use common tired.



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

Optimum power supply system and Optimum charging system

The XGT range of tools and batteries come with a built-in program, providing digital communication between the battery and tool. Allowing not only for the battery to talk with tool but also the tool to talk to the battery. Battery technology and motor engineering that work together for optimum performance.

Optimum charging system

Auto maintenance system with two cooling fans for providing more optimum fast charging

Built Tough

High durability specifications specially designed for 40Vmax Li-lon batteries

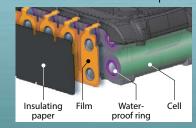
4-LED fuel gauge indicator





Create a space to absorb impact

Shock absorption structure



Waterproof Triple-layer Structure prevents cell failure due to water and dust.



makita

Terminal short-circuit prevention structure The protection wall is provided between terminals against water and dust.



High Rigidity Battery Rails Durable slide in battery rail that holds the battery and the tools firmly and securely to withstand high power products

Tool ◀ Battery ◀ Battery Charger Digital communication

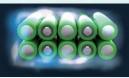


Rapid Optimum Charging System

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

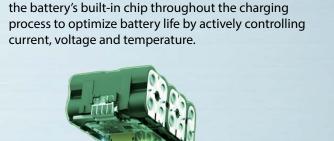




General charging method

Waiting time for charging

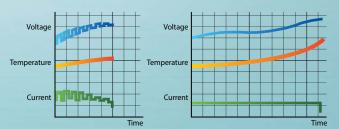




The Makita Rapid Optimum Charger communicates with

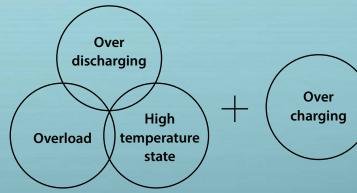
The optimum charging system

General charging method





Battery Protection Function



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



Firm Holding

Multi-contact terminals reduce electrical resistance and increase connection stability withstanding against vibration, and ultimately ensures Stable current supply to the tool.





Li-ion Battery & Charger Time Reference, Compatibility Chart

	Date	cry a chi	inger im	ie neielei	ice, com	pationity	Chart
40Vmax	18V	Dc40RA (191E08-6) Dc40RB (191N14-5)	DC40RC (191M92-9)	East Charging DC40RA + ADPI0 (191C11-5) Compatible with LXT Li-lon batteries	DC40RC + ADP10 (191C11-5) Compatible with LXT Li-lon batteries	East Clarging Clarging DC18RC (195586-8) 110V - (195582-6) Clarging DC18RD* (196934-4) Clarging DC18RE** (198446-3) Clarging	DC18SD (194534-4) DC18SH* (Automotive) (194621-9)
	8.0Ah BL4080F (191X65-8)	76 min.	170min.	-	-	-	-
	5.0 Ah BL4050F (191L47-8)	50 min.	85min.	-	-	-	-
40Vmax Lithium-ion	4.0Ah BL4040F (1910N6-8) BL4040 (191B26-6)	45 _{min} .	67min.	-	-	-	-
	2.5Ah BL4025 (191B36-3)	28 min.	38min.	-	-	-	-
	2.0 Ah BL4020 (191L29-0)	22min.	30min.	-	-	-	-
	6.0 Ah BL1860B (197422-4)	-	-	40 min.	85min.	55min.	130min.
	5.0 Ah BL1850B (197280-8)	-	-	35min.	70 min.	45 _{min} .	110min.
18V	4.0 Ah BL1840B (197265-4)	-	-	29 min.	58 min.	36min.	90 min.
<u>LXT</u>	3.0 Ah BL1830B (197599-5)	-	-	22min.	42min.	22 min.	60 min.
	2.0 Ah BL1820B (197254-9)	-	-	24 _{min} .	33min.	24 min.	45min.
	1.5 Ah BL1815N (196449-1)	-	-	15min.	22min.	15min.	30min.
hasta	Adv. and and	Fast CSarging DC105B (197370-7) 110V - (197435-5) DC18RE (198446-3)*** Image: State S	DC10WD (197371-5) P	DC1500 PDC1	DC4001 (191L01-2) Image: Construction of the second sec	PDC01	
	5.0Ah BL1050B (1913G0-9)	75min.	160min.		5.5 ^{Ah} 360		
12Vmax	2.0 Ah BL1021B (197396-9)	60 min.	130min.	40Vmax	DC1200 JUU	40Vn Lithium	Powerd by up to four 18V
ĊXŢ		30min.	70min.		8.55Ah 450	18V Lithium	-ion Batteries
	1.5Ah BL1016 (197393-5)	22 min.	50min.		G-Series	Lithium	DC18WA
Cerci		(191W23-8)).8V V 7.2V	(194589-9)		14.40	(195424-4)
64V _{max}	10.0Ah BL64100 (191Y69-6)	300min.	E	1.3Ah BL1013 96066-7) 50 min.	18V	1.5 Ah BL1815G BL1415G (198186-3) (198192-8)	70 min.
Lithium-ion	4.0 Ah BL6440 (191R06-8)	120min.		1.5 Ah BL0715 98000-3) 35 min.	14.4V	2.0Ah BL1820G (191N69-0)	90 min.

* DC40RB / DC18RD / DC18SH: Two Port Multi Fast Charger ** DC18RE: CXT & LXT Dual port Fast Charger



MAKPAC Power Source Kit

QADPSKG1	Fast Charger (DC40RC), 2X40Vmax - 2.0Ah Batteries
(191V23-2)	(BL4020), Makpac
QAEPSKG1	Fast Charger (DC40RC), 2X40Vmax - 2.5Ah Batteries
(191V31-3)	(BL4025), Makpac
MKP1G001	Rapid Charger (DC40RA), 2X40Vmax - 2.5Ah Batteries
(191J85-8)	(BL4025), Makpac
MKP1G002	Rapid Charger (DC40RA), 2X40Vmax - 4.0Ah Batteries
(191K01-6)	(BL4040), Makpac
MKPPSKG2 (191V42-8)	Rapid Charger (DC40RA), 2X40Vmax - 5.0Ah Batteries (BL4050F), Makpac
QAAPSKG3	Dual Port Multi Rapid Charger (DC40RB),
(191U06-6)	2X40Vmax - 4.0Ah Batteries (BL4040), Makpac
QABPSKG3	Dual Port Multi Rapid Charger (DC40RB),
(191U20-2)	2X40Vmax - 5.0Ah Batteries (BL4050F), Makpac
QAPSKG3	Dual Port Multi Rapid Charger (DC40RB),
(1910A2-5)	2X40Vmax - 8.0Ah Batteries (BL4080F), Makpac
QACPSKG3	Dual Port Multi Rapid Charger (DC40RB),
(191U34-1)	4X40Vmax - 4.0Ah Batteries (BL4040), Makpac
QADPSKG3	Dual Port Multi Rapid Charger (DC40RB),
(191U48-0)	4X40Vmax - 5.0Ah Batteries (BL4050F), Makpac

MAKPAC Power Source Kit

MKP1RF182	Rapid Charger (DC18RC), 2X18V - 3.0Ah Batteries
(197974-5)	(BL1830B), Makpac
MKP1RT182	Rapid Charger (DC18RC), 2X18V - 5.0Ah Batteries
(197803-2)	(BL1850B), Makpac
MKP1RG182	Rapid Charger (DC18RC), 2X18V - 6.0Ah Batteries
(198119-8)	(BL1860B), Makpac
MKP3PT182	Dual Port Rapid Charger (DC18RD), 2X18V - 5.0Ah Batteries
(198182-1)	(BL1850B), Makpac
MKP3PG182	Dual Port Rapid Charger (DC18RD), 2X18V - 6.0Ah Batteries
(198081-7)	(BL1860B), Makpac
MKP3PT184	Dual Port Rapid Charger (DC18RD), 4X18V - 5.0Ah Batteries
(197627-6)	(BL1850B), Makpac
MKP3PG184	Dual Port Rapid Charger (DC18RD), 4X18V - 6.0Ah Batteries
(198095-6)	(BL1860B), Makpac

MAKPAC Power Source Kit

MKP1SY122	Fast Charger (DC10SB), 2X12Vmax - 1.5Ah Batteries
(197654-3)	(BL1016), Makpac
MKP1SA122	Fast Charger (DC10SB), 2X12Vmax - 2.0Ah Batteries
(191K13-9)	(BL1021B), Makpac
MKP1SM122	Fast Charger (DC10SB), 2X12Vmax - 4.0Ah Batteries
(191K12-1)	(BL1041B), Makpac



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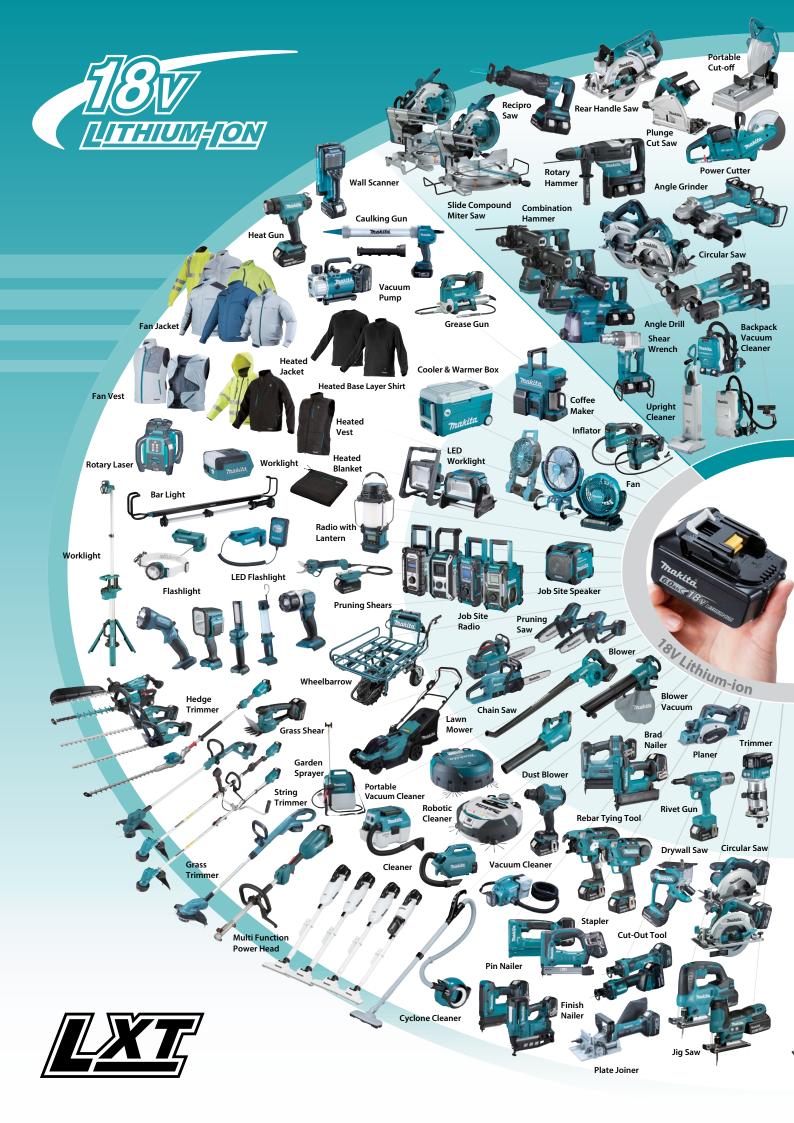
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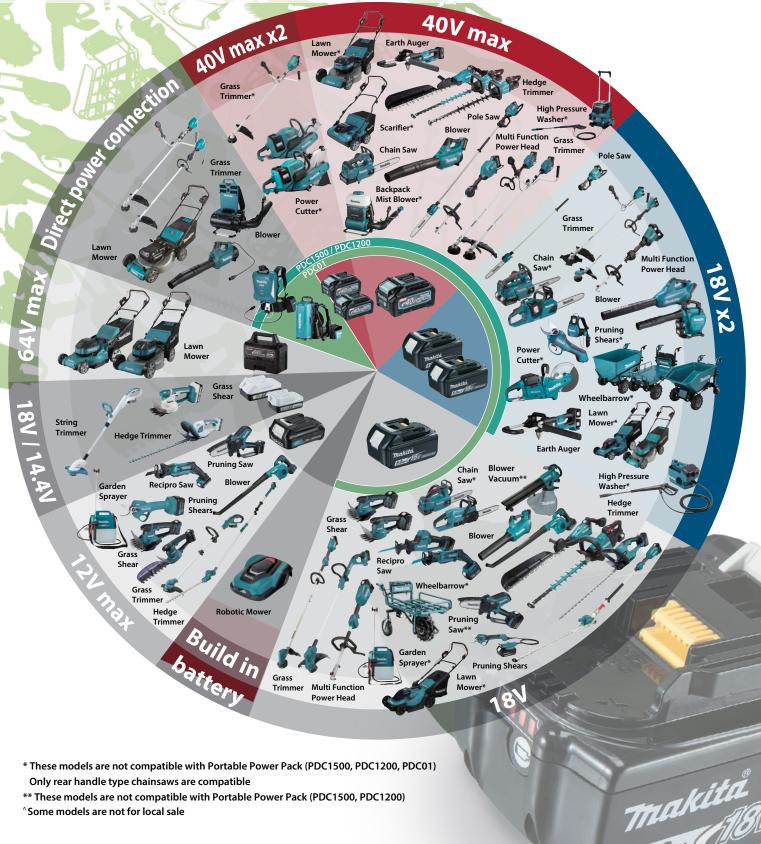
^ Some models are not for local sale





^ Some models are not for local sale

A wide variety of **Lithium-ion Garden Tools**



COM (10

^ Some models are not for local sale

Trakita

Portable Power Pack

1,500Wh-class high capacity

Portable Power Pack

PDC1500

More robust appearance and increased strength

- Achieved by:
- New stand with increased strength obtained by using a larger diameter metal pipe
- Metalized junctions between battery and harness





Quickly removable Reflectors harness

Compatible with a wide range of applications (both in backpack and stationary styles)

PDC1500



PDC1200 Charger DC4001 Part No. 191L01-2 Charging time PDC1500: 450 min. PDC1200: 360 min.



Thakita

PDC01

IPX4

Powered by up to four 18V LXT batteries

432 Wh high capacity (with 4 pcs. of BL1860B) (Batteries sold seperately)





Harness, Adapter for 36V (18V x2) [countries-specific], Charger. * PDC1200A01 (1x 18V+18V Adaptor)

Power Converter

Transform DC power into AC power instantly!

- Power converter powered by Makita portable power pack
- Turns DC power into AC power, is optimal for a wide range of applications
- Battery charging or use of corded tools in outdoor job sites where AC outlet is not available
- Emergency power source of outdoor leisure activities
- 7-stage output indication by 7 LED lamps
- Can be connected firmly with accessories of MAKPAC system, allowing for easy transportation on MAKPAC trolley or cart



PDC1500A01 Portable Power Pack New 1,500Wh-class High Capacity, High Output Power Capacity 43 55 Ah 1,567.8 Wh 130 Energy capacity Number of cells 450 min. Charging time w/o Harness: 369 x 312 x 131 mm Dime nsions $(L \times W \times H)$ Net weight (240-284lbs)*

40Vmax 18V x2 EXED LXT IPX4 WG

Harness, Charger *not covered by EPTA-Procedure

Power supply cord

(14-1/2 x 12-1/4 x 5-1/8") 10.9 - 12.9 kg Battery side: 1.2 m (3.9 ft) Adapter side: 0.6 m (2.0 ft)

1





440 WW

440 🞹





(+)(-) bit 2-45, Belt clip, Battery, Fast Charger, Z: Battery and Charger are sold separately

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Fast Charger, Battery Cartridge, (+) (-) Bit, Z: Battery and Charger are sold separately

Trakita



22 DRILL





Max Output

Dimensions

(L x W x H)

Net Weight

DF032DZ

4

Battery, Charger, Battery cover, Belt clip, Phillips bit, DZ: Battery and Charger are sold separately



250W 124x66x217mm

(4-7/8"x2-5/8"x8-1/2")

0.88 kg (1.9 - 2.3lbs)



Belt Clip, Battery, Fast Charger, Phillips bit(DDF083), Z: Battery and Charger are sold separately

DF033DZ 10mm (3/8") Cordless Driver Drill		
12Vmax CXT Li-Ion Cordless 28 N·m (25	0 in.lbs.) Driver Drill	
Li-ion Ab 5.0 4.0 2.0 1.5	Capacity	Steel / Wood: 10 / 21 mm (3/8" / 13/16")
	Chuck capacity	6.35 mm (1/4")
makita	No Load Speed (RPM)	High / Low: 0 - 1,700 / 0 - 450
	Max Fastening Torque	Hard / Soft: 30 / 14 N·m (270 / 130 in.lbs.)
	Max lock torque	28 N·m (250 in.lbs.)
	Dimensions	w/BL1016/BL1021B:
	(L x W x H)	149x66x212 mm
		w/BL1041B:
		149x66x229 mm
Andrew Contraction of the	Net weight	0.92 - 1.1 kg (2.0 - 2.4 lbs.)
	Х.T.	
	<u>KT</u>	

Phillips Bit, Belt Clip, Battery, Charger, DZ; Battery and Charger are sold separately

DF001DW In-Line Cordless Screwdr	iver	
3.6V Li-Ion Cordless Screwdriver, Buil	t-in Battery	
Li-ion at 15	No Load Speed (RPM) Max Fastening Torque Max Lock Torque Charging Time (hours) Dimensions (L x W x H)	220 Hard: 4.0.N-m (35 in.lbs Soft: 3.0 N-m (27 in.lbs; 6.0 N-m (53 in.lbs.) 3 - 5 Straight Style: 287 x 47 x 51mm Pistol Style: 205x47x51 mm (8-1/8"x1-7/8"x2")
	Net Weight	0.36 kg (0.79 lbs)



DF012DSE Cordless Driver Drill

apacity	Steel: 5 mm (3/16") Wood: 6 mm (1/4")
o Load Speed (RPM)	High: 650 Low: 200
lax Fastening Torque imensions Straight Type	Hard / Soft: 5.6 / 3.6 N·m 273x44mm
.xW)	(10-3/4"x1-3/4")
imensions Pistol Type .x W x H)	218x44x142mm (8-5/8"x1-3/4"x5-5/8")
et Weight	0.56 kg (1.21 lbs.)



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Bit

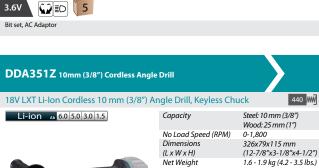


Net weight Power supply cord

2.5 m (8.2 ft)

411 🛲 Li-ion Ah 6.0 5.0 3.0 1.5 Net Weight (8-5/8"x2-5/8"x8-1/8") 1.2 kg (2.7 lbs.) 5 18V

Bit set, AC Adaptor



Charger, Battery, Side Grip, Z: Battery and Charger are sold separately

Tnakita.





HAMMER DRILL

Steel, Wood & Masonry

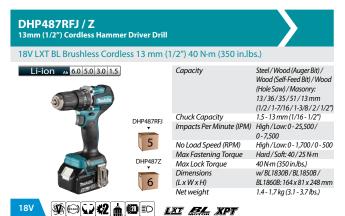
PRODUCTS



Thakita

25 HAMMER DRILL





Belt Clip, (+)(-) Bit, Battery, Charger, Z: Battery and Charger are sold separately

Compact and Ergonomic Design	at Only 193 mm Long	
Li-ion Ab 5.0 4.0 2.0 1.5	Capacity	Steel: 10mm (3/8") Wood: 28mm (1-1/8") Masonry: 8mm (5/16'
Thakita	Chuck capacity Impacts Per Minute (IP	0.8 - 10 mm (1/32 - 3/8
	No Load Speed (RPM)	High: 0 - 1,500 Low: 0 - 450
	Max Fastening Torque	e Hard: 35 N·m Soft: 21 N·m
	Max Lock Torque	32 N·m (280 in.lbs.)
	Dimensions	168x66x217mm
	$(L \times W \times H)$	(6-5/8"x2-5/8"x8-1/2"
	Net Weight	1.1 - 1.3 kg (2.4 - 2.8 lb

HP330DWE 10mm (3/8") Cordless Hammer Driver Drill			
Hammer drill mode			
Li-ion Ab 1.3	Capacity	Steel: 10 mm (3/8") Wood: 21 mm (13/16") Masonry: 8 mm (5/16")	
Thakita	Impacts Per Minute (IPM)	High: 0-22,500 Low: 0-6,000	
	No Load Speed (RPM)	High: 0-1,500 Low: 0-400	
	Max Fastening Torque	Hard / Soft: 24 / 12 N·m	
	Dimensions	201x53x183mm	
181	$(L \times W \times H)$	(7-7/8"x2-1/16"x7-1/4")	
	Net Weight	1.1kg (2.3lbs)	
10.8V 🎉 💭 妃 📩 💷 ED	2		

Charger, Battery Cartridge, Phillips Bit, Holster, DZ: Battery and Charger are sold separately

HP1630 16mm (5/8") Hammer Drill		
High power 710W motor		85 🞹
1100	Continuous Rating Input Capacity	710W Concrete: 16 mm (5/8") Steel: 13 mm (1/2") Wood: 30 mm (1-3/16")
HP1630/B	No Load Speed (RPM) Impacts Per Minute (IPM) Sound Power Level Dimensions (L x W x H) Net Weight	0 - 3,200 0 - 48,000 108 dB(A) 296x75x204mm (11-5/8"x2-15/16"x8") 2.1 kg (4.6 lbs)
	Power Supply Cord	2.0 m (6.6 ft)

Side Grip, Chuck Key (HP1630)



411 🛲

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.





4

Fast Charger, Battery, (+)(-) Bit, Z: Battery and Charger are sold separately

18V

Bit

Phillips Bit, Belt Clip, Battery, Charger, DZ: Battery and Charger are sold separately

HP0300 10mm (3/8") Hammer Driver Drill

10 mm (3/8") 320 W Hammer Driver Drill with Keyless Chuck



²⁶ HAMMER DRILL / IMPACT DRIVER



HP2050 20mm (3/4") 2-Speed Hammer		
Slender and compact body with durable	e metal gear housing	419 WW
Tuakida	Continuous Rating Input Capacity	720W Concrete: 20 mm (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)	High: 0-58,000 Low: 0-24,000
	No Load Speed (RPM)	High: 0-2,900 Low: 0-1,200
	Overall Length	362 mm (14-1/4")
	Net Weight	2.5kg (5.6lbs)
	Power Supply Cord	2.5m (8.2ft)
@%{~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		







Chuck Key, Side Grip, Depth Rod

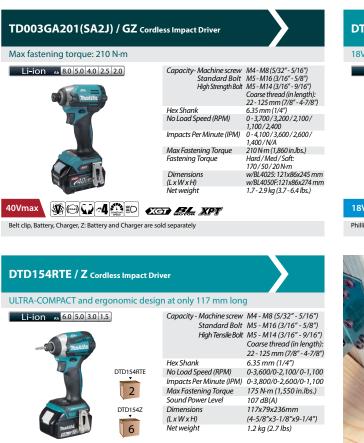




Trakita

27 IMPACT DRIVER

448 🞹



Hex Shank

(LxWxH)

Net weight

Max Fastening Torque

Sound Power Leve Dimensions

 No Load Speed (RPM)
 0 - 3,400

 Impacts Per Minute (IPM)
 0 - 3,600

0 - 3,400

107 dB(A)

1.3 kg (2.8 lbs)

DTD153RTE

2

DTD153Z

3

Fast Charger, Battery Cartridge, Z: Battery and Charger are sold separately

Belt clip, Battery, Fast Charger, Z: Battery and Charger are sold separately

DTD153RTE / Z Cordless Impact Driver

High Performance with Brushless DC Motor

Li-ion Ab 6.0 5.0 3.0 1.5

18V

18V



Phillips Bit, Belt Clip, Battery, Charger, Z: Battery and Charger are sold separately



DTD152RTE / RFE / Z Cordless Impact Driver Delivers 2,900 max RPM and 165 N·m (1,460 in.lbs.) of max torque Capacity - Machine screw M4 - M8 (5/32" - 5/16") Standard Bolt M5 - M16 (3/16" - 5/8") Capacity - Machine screw M4 - M8 (5/32" - 5/16") Li-ion Ah 6.0 5.0 3.0 1.5 Standard Bolt M5 - M16 (3/16" - 5/8") High Tensile Bolt M5 - M14 (3/16" - 9/16") High Tensile Bolt M5 - M12 (3/16" - 1/2") Coarse thread (in length): Coarse thread (in length): 22 - 125 mm (7/8" - 4-7/8") 6.35 mm (1/4") 22 - 125 mm (7/8" - 4-7/8") 6.35 mm (1/4") Hex Shank DTD152RTE / RFE No Load Speed (RPM) 0 - 2,900 0 - 3,500 Impacts Per Minute (IPM) 170 N·m (1,500 in.lbs.) 2 Max Fastening Torque 165 N·m (1,460 in.lbs.) Sound Power Level 104 dB(A) 126x79x238mm DTD152Z Dimensions 137x79x238mm (5"x3-1/8"x9-3/8") (LxWxH) (5-3/8"x3-1/8"x9-3/8") 3 Net weight 1.3 kg (2.8 lbs)

Minite Internet 18V

Belt clip, Battery, Fast Charger, Z: Battery and Charger are sold separately



IMPACT DRIVER



Coarse thread (in length):

22-90mm (7/8"-3-1/2")

0 - 3,500 110 N·m (970 in.lbs.)

1 - 1.2kg (2.3 - 2.6 lbs)

6.35 mm (1/4")

153x66x204mm (6"x2-5/8"x8-1/8")

Capacity-Machinescrew M4-M8mm (5/32"-5/16")

Standard Bolt M5-M12 (3/16"-1/2") High Tensile Bolt M5-M10 (3/16"-3/8")

0 - 2.600



Z: Battery and Charger are sold separately

Phillips Bit, Belt Clip, Battery, Charger, DZ: Battery and Charger are sold separately

Battery, Charger, Battery cover, Belt clip, Phillips bit, DZ: Battery and Charger are sold separately

Hex Shank

Dimensions

 $(L \times W \times H)$

Net Weight

No Load Speed (RPM)

Impacts Per Minute (IPM)

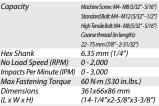
Max Fastening Torque

TRADADCE		
TD022DSE Cord	ess Impact Driver	
Compact and lightw	reight for easy handling	
/32°-5/16°) Li-ion an 1.5 (3/16° - 1/2°) (3/16° - 3/8°) read (in length): n (7/8° - 3-1/2°)		M3 - M8 (1/8" - 5/16") M3 - M8 (1/8" - 5/16") M3 - M6 (1/8" - 1/4") Coarse thread (in length): 22 - 45mm (7/8" - 1-3/4")
- Tmakita	Hex Shank	6.35 mm (1/4")
	No Load Speed (RPM)	0 - 2,450
00 in.lbs.) 78mm	Impacts Per Minute (IPM) Max Fastening Torque	0 - 3,000 25 N⋅m (220 in.lbs.)
-1/8″x7″)	Dimensions Straight Type	282x42x52mm
Olbs)	(LxWxH)	(11-1/8"x1-5/8"x2-1/16")
	Dimensions Pistol Type	227x42x142mm
	(L x W x H)	(8-15/16"x1-5/8"x5-5/8")
	Net Weight	0.55 - 0.56 kg (1.2 lbs)
7.20		
Holster, Bit set, Battery, Char	ger	
TD0101F Impact	Driver	



12Vmax CXT Li-Ion Cordless 60 N·m (530 in.lbs.) Angle Impact Driver

Capacity Hex Shank No Load Speed (RPM) Max Fastening Torque Dimensions $(L \times W \times H)$ Net Weight



1.2 - 1.6 kg (2.7 - 3.6 lbs)

Trakita

IMPACT WRENCH

PRODUCTS

18V

\$60 \$2 3 ID **IXT <u>B</u>L**

Fast charger, Battery cartridge (Tool does not come with socket), Z: Battery and Charger are sold separately



TW001GM204(RM2JX) / GD203(RD2JX) / GZ 19mm (3/4") Cordless Impact Wrench Over 2,000 N·m of nut-busting torque Standard Bolt: M12 - M36 (1/2" - 1-7/16") Li-ion Ab 5.0 4.0 2.5 2.0 Fastening Capacities High Strength Bolt: M10-M27 (3/8"-1-1/16") 19 mm (3/4") Max/Hard/Med/Soft: Square Drive No Load Speed (RPM) TW001GZ 0-1.800/0-1.400/ 0-1,150/0-950 Max/Hard/Med/Soft: 0-2,500/0-2,400/ 4 Impacts Per Minute (IPM) TW001GM204 0-2.200/0-1.900 GM203 1,800 N·m (1,330 ft.lbs.) w/BL4025:217x94x297 mm w/BL4040:217x94x303 mm Max Fastening Torque Dimensions (L x W x H) 1 Net weight 3.9-4.2 kg (8.6-9.3 lbs.) 40Vmax 🚳 🚱 🖓 🕰 🗊 ED 🐼 🚛 🗶 Belt Clip, Battery, Charger, Z: Battery and Charger are sold separately TW004GM202(RM2J) / GD201(RD2J) / GZ 12.7mm (1/2") Cordless Impact Wrench Increased motor speed under load delivers higher torque Li-ion Ab 5.0 4.0 2.5 2.0 Fastening Capacities Standard Bolt M10-M20 (3/8-3/4") High Strength Bolt: M10 - M16 (3/8 - 5/8") Sauare Drive 12.7 mm (1/2") TW004GZ No Load Speed (RPM) Max/Hard/Med/Soft: 0-3,200/2,600/1,800/1,000 Max/Hard/Med/Soft: 4 Impacts Per Minute (IPM) 0-4000/3400/2600/1800 TW004GM202/ Max Fastening Torque 350 N·m (260 ft.lbs.) GD201 w/BL4025:144 x 86 x 248 mm Dimensions $(L \times W \times H)$ w/ BL4040: 144 x 86 x 253 mm 1 Net weight 1.9-2.2 kg (4.2-4.9 lbs.) 40Vmax 18V Belt Clip, Battery, Charger, Z: Battery and Charger are sold separately DTW1002JX2 / Z 12.7mm (1/2") Cordless Impact Wrench Most POWERFUL 1,200 N·m (890 ft.lbs.) 1/2" Impact Wrench Li-ion At 6.0 5.0 3.0 1.5 Standard Bolt: Fastenina Capacities M12-M30 (1/2"-1-1/4") High Tensile Bolt: M10-M24 (3/8"-1") Square Drive 12.7 mm (1/2") 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 1,200 N·m (890 in.lbs.) DTW1002Z Sound Power Level 108 dB(A) Dimensions 229y91y289mm (9"x3-5/8"x11-3/8") $(L \times W \times H)$ 3.3kg (7.3lbs) Net weigh



Fast charger, Battery cartridge (Tool does not come with socket), Z: Battery and Charger are sold separately

DTW800RMJ 11.1mm (7/16") Cordless Impact Wrench Cordless 3-Speed 7/16" (11.2mm) 800 N·m (590 ft.lbs.) Impact Wrench



Fast charger, Battery cartridge (Tool does not come with socket), Z: Battery and Charger are sold separately

30 **IMPACT WRENCH**

DTW300RTJ / RFJ / Z 12. BL motor delivers 330 N·m (240

Li-ion Ab 6.0 5.0 3.0 1.5

\$\$ € \$ 4 ED

Belt Clip, Battery, Charger, Z: Battery and Ch

DTW190RFE/Z 12.7mm (1/2") Cordless Impact W 190 N·m (140 ft.lbs.) of Max tor

Li-ion Ah 6.0 5.0 3.0 1.5

Fast Charger, Battery Cartridge, Z: Battery a

TW0350 12.7mm (1/2") Impa Incredibly high torque of 350N

110V

Socket

4

TW0350/B

DT

1







Fast Charger, Battery Cartridge, Z: Battery and Charger are sold separately (Tool does not come with socket)

mm (1/2	2") Cordless Impact Wrer	hch	DTW251RTE / Z 12.7mm (1/2") Cordless Impact Wrench		
t.lbs.) o	of max torque		High torque to weight ratio at 230N.m	ı (2,040in.lbs)	448
	Fastening Capacities	Standard Bolt: M10 - M20 (3/8" - 3/4") High Strength Bolt: M10 - M16 (3/8" - 5/8")	Li-ion Ah 6.0 5.0 3.0 1.5	Fastening Capacities	Standard Bolt: M10 - M16 (3/8" - 5/8 High Tensile Bolt:
	Square Drive No Load Speed (RPM)	12.7 mm (1/2") Max / Hard / Mid / Soft: 0-3,200/0-2,600/ 0- 1,800/0-1,000	Trakita	Square Drive No Load Speed (RPM) Impacts Per Minute (IPM)	M10 - M14 (3/8" - 9/1 12.7 mm (1/2") 0 - 2,100 0 - 3 200
		Max / Hard / Mid / Soft: 0-4,000/0-3,400/ 0- 2,600/0-1,800		Max Fastening Torque Sound Power Level Dimensions	230 N·m (170 ft.lbs.) 105 dB(A) 165x79x234mm
oortj	Max Fastening Torque Dimensions (L x W x H)	330 N-m (240 ft.lbs.) w/ BL1830B / BL1850B / BL1860B: 144x81x246 mm (5-5/ 8"x3-3/16"x9-11/16")	The second se	(L x W x H) Net weight	(6-1/2"x3-1/8"x9-1/4 1.5kg (3.3lbs)
	Net weight	1.5 - 1.8 kg (3.4 - 4.1 lbs.)			
	X XPT				
er are so	old separately		Fast Charger, Battery Cartridge, Z: Battery and Charge	er are sold separately (lool does	not come with socket)
nch			TW0200 12.7mm (1/2") Impact Wrend	:h	
ie opti	mal for scaffold buldir	ng	Aluminum hammer case with high du	rability (200N.m [150ft	.lbs]) 411
	Fastening Capacities	Standard Bolt: M8 - M16 (5/16" - 5/8") High Tensile Bolt: M8 - M12 (5/16" - 1/2")	Takita ()	Continuous Rating Input Fastening Capacities	Standard Bolt: M10 - M16 (3/8" - 5/8 High Tensile Bolt:
	Square Drive No Load Speed (RPM) Impacts Per Minute (IPM)		H-	Square Drive No Load Speed (RPM)	M10 - M12 (3/8" - 1/2 12.7 mm (1/2") 0 - 2,200
	Max Fastening Torque Sound Power Level Overall Length	190 N·m (140 ft.lbs.) 105 dB(A) 176 mm (6-15/16″)		Impacts Per Minute (IPM) Max Fastening Torque Sound Power Level	200 N·m (150 ft.lbs.) 104 dB(A)
	Net weight	1.4 kg (3.2 lbs)	M	Dimensions (L x W x H) Net Weight Power Supply Cord	251 x 72 x 220mm (9-7/8" x 2-13/16" x 8-5 2.1kg (4.7lbs) 2.5m (8.2ft)
2				rower supply cord	2.511 (0.211)
Charger	are sold separately		Socket (24mm)		
Wrench			6906 19mm (3/4″) Impact Wrench		
(260f	t.lbs)	411 WW	Powerful torque of 588N.m(441ft.lbs)	for super-duty applicat	ions 100
	Continuous Rating Input Fastening Capacities	400W Standard Bolt: M12 - M22 (1/2" - 7/8") High Tensile Bolt: M12 - M16 (1/2" - 5/8")		Continuous Rating Input Capacity	Standard Bolt: M16 - M22 (5/8″ - 7/8 High Tensile Bolt:
				Square Drive	M16 - M20 (5/8" - 3/4 19 mm (3/4") 1,700
0	Square Drive No Load Speed (RPM) Impacts Per Minute (IPM)	12.7 mm (1/2") 2,000		No Load Speed (RPM)	
0		12.7 mm (1/2")		No Load Speed (RPM) Impacts Per Minute (IPM) Max Fastening Torque Sound Power Level Overall Length	1,600 588 N·m (441 ft.lbs.) 109 dB(A) 327 mm (12-7/8")

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Side Grip, Socket

Trakita

IMPACT WRENCH 31



32 **IMPACT WRENCH / SCREWDRIVER**







1

🖂 LXT 🥵 XPT

Screwdriver, Battery, Fast Charger, Z: Battery and Charger are sold separately

🞯 🕲 🔊 😹 XPT

Screwdriver, Shoulder belt, Outer sleeve, Inner sleeve, Battery, Charger, Z: Battery and Charger are sold separately





Thakita

Dimensions : for countries providing noise suppresso
and connect bit 60

Dimensions

 $(L \times W \times H)$ Net Weight Power Supply Cord 279x65x207mm

2.5m (8.2ft)

(11"x2-9/16"x8-1/8") 1.4kg (3.1lbs)

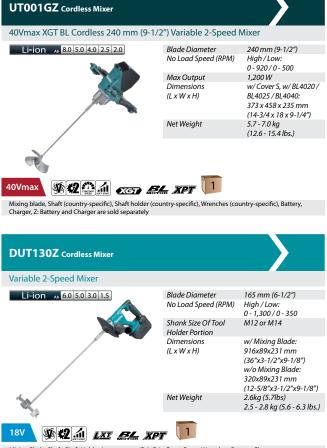
Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Phillips Insert Bit (2pcs.), Magnetic Bit Holder





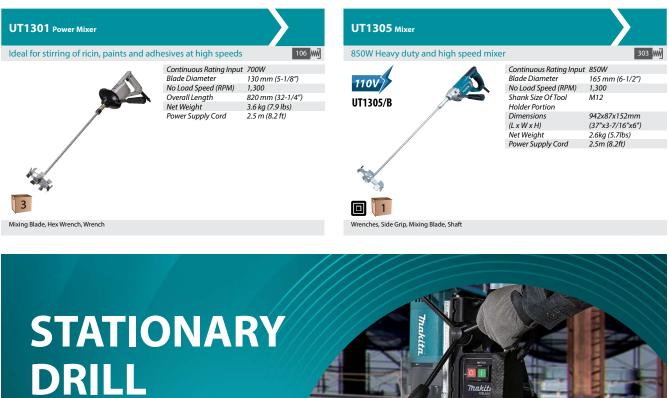




Mixing Blade, Shaft, Shaft Holder (country-specific), Grip, Front Cover, Wrenches, Battery, Charger, Z: Battery and Charger are sold separately







PRODUCTS

Chuck Key, Wrench

HB500 50mm (2") Magnetic Drill			HB350 35mm (1-3/8") Magnetic Dr		
Heavy duty Magnetic Drill		EIB106C	Compact and lightweight for easy	transport	UD00EBD002
	Capacity Chuck Capacity No Load Speed (RPM) Magnetic Clamping Force Dimensions (L x W x H) Net Weight	Steel: 50 mm (2") 16mm (5/8") 350 / 650 Minimum 9,300N (950kg) 290x150x450mm (11-3/8"x5-7/8"x17-3/4") 18.5kg		Continuous Rating Input Capacity No Load Speed (RPM) Magnetic Clamping Force Dimensions (L x W x H) Net Weight	: 1,050W Steel: 35 mm (1-3/8") 850 8,000 N 270 x 110 x 330 mm 11.5 kg
steady allen keys			Small oil cup assembly and clip, Safety guard, Polyester safety strap, Allen keys		
TB131 13mm (1/2") Drilling Machine	e 13mm				
	Continuous rating input Capacity	250W Steel: 13mm (1/2")			
	No Load Speed (RPM)	Wood: 24mm (15/16") 570, 890, 1,300, 1,900 2,670 (50Hz), 690,			
		1,070, 1,560, 2,280, 3,200 (60Hz)		CONTRACTOR OF THE OWNER	



ROTARY HAMMER

HR006GZ(K) 52mm (2-1/16") Cordless Rotary Hammer

PRODUCTS

HR005GM201(RM2K) / GZ(K)

HR001G

HR003G

HR008G

HR3011FC

DX12

(191<u>E52-3)</u>

DX10





HR002G

HR004G +

HR009G +

DX14 (191E58-1

DX11 (191G00-4

(Dry Type): 30/13/32/80/80 mm (1-3/16/1/2/1-1/4/3-1/8 (1-3/16/1/2/1-1/4/3-1/8 /3-1/8") 0-4,500 0-840 15-13 mm (1/16-1/2") w/BL4040: 422x 103 x242 mm (16-5/8x4-1/16x9-1/2") 52-62 kg (11.5-13.7 lbs.) Blows Per Minute (BPM) No Load Speed (RPM) Chuck Capacity Dimensior (L x W x H) Net weight Quick change drill chuck COD St. AFT 40Vmax AWS AVT XPT

Quick Change Drill Chuck, Side Grip, Depth Gauge, Battery, Charger, Z: Battery and Charger are sold separately





Tnakita.

ROTARY HAMMER 37



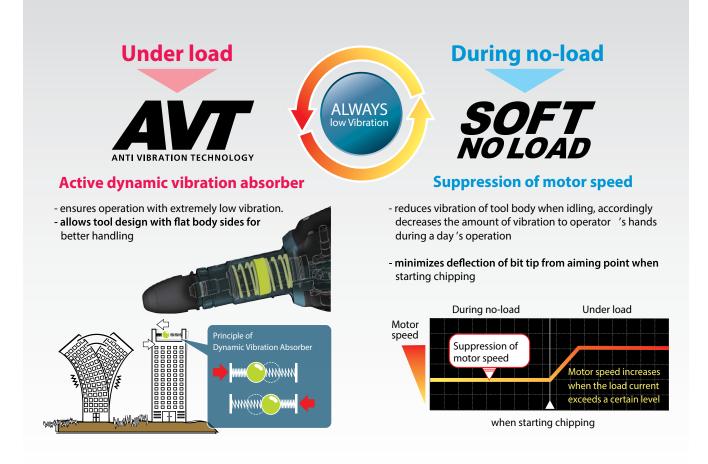






Side Handle, Side Grip, Depth Gauge, Bit Grease, Cloth, Wireless Unit, Battery, Fast Charger, Z: Battery and Charger are sold separately





38 **ROTARY HAMMER**

HR166DSAF1

12Vmax

Tnakita.







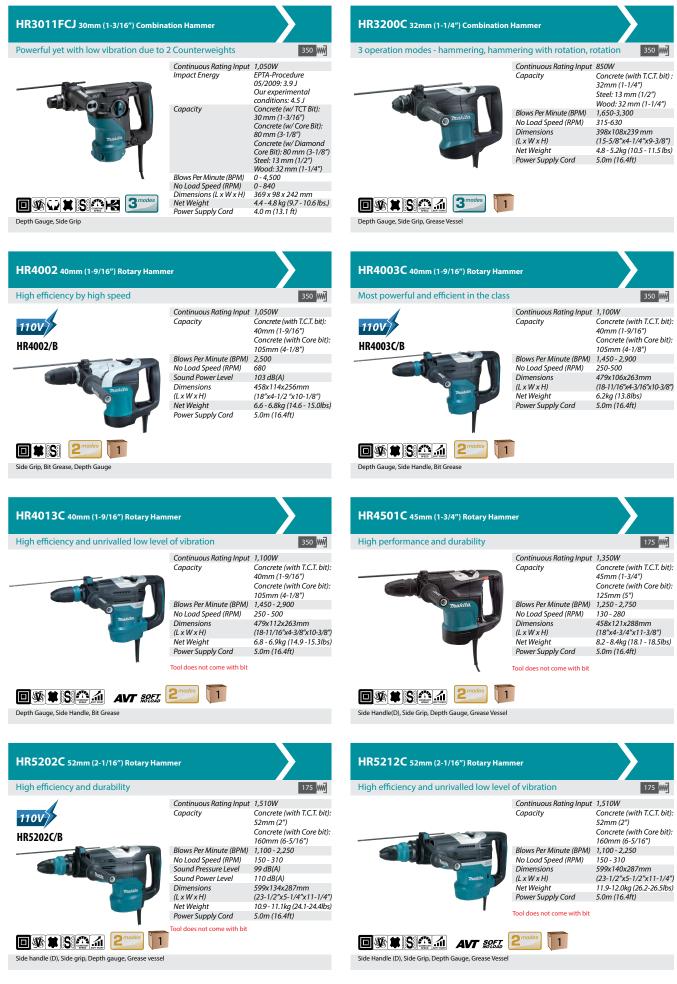
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ROTARY HAMMER 39



⁴⁰ ROTARY HAMMER





DEMOLITION HAMMER

PRODUCTS



350 🞹 Continuous Rating Input 550W Blows Per Minute (BPM) 0-3.200 351x102x203mm (13-3/4"x4"x8") 3.4kg (7.5lbs) 5.0m (16.4ft)

HM001GM204(RM2K) / GZ03(K) Cordless Demolition Hammer			
High power and compact			
Li-ion an 8.0 5.0 4.0 2.5 2.0	Impact Energy Blows Per Minute (BPM) Shank Diameter Sound Power Level Dimensions (LxWxH)	EPTA-Procedure 05/2009:9.4J 0-2,650 18 mm (11/16") 100 dB(A) w/BL4025: 481 x 113 x 258 mm (19x4-7/16 x 10-1/8") w/BL4040: 496 x 113 x 258 mm (19-1/2 x 4-7/16 x 10-1/8")	
1	Net weight	6.3 - 7.1 kg (13.9 - 15.7 lbs.)	

hakita

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42 DEMOLITION HAMMER





Trakita_

DEMOLITION HAMMER / RECIPRO SAW



218 🞹 Highest-in-class demolition power with AVT Continuous Rating Input2,000WBlows Per Minute (BPM)870Sound Power Level107 dB(A) 107 dB(A) 843x210x608mm (33-1/4"x8-1/4"x24") 31.3kg (69.1lbs) 5.0m (16.4ft) Dimensions $(L \times W \times H)$ Net Weight Power Supply Cord





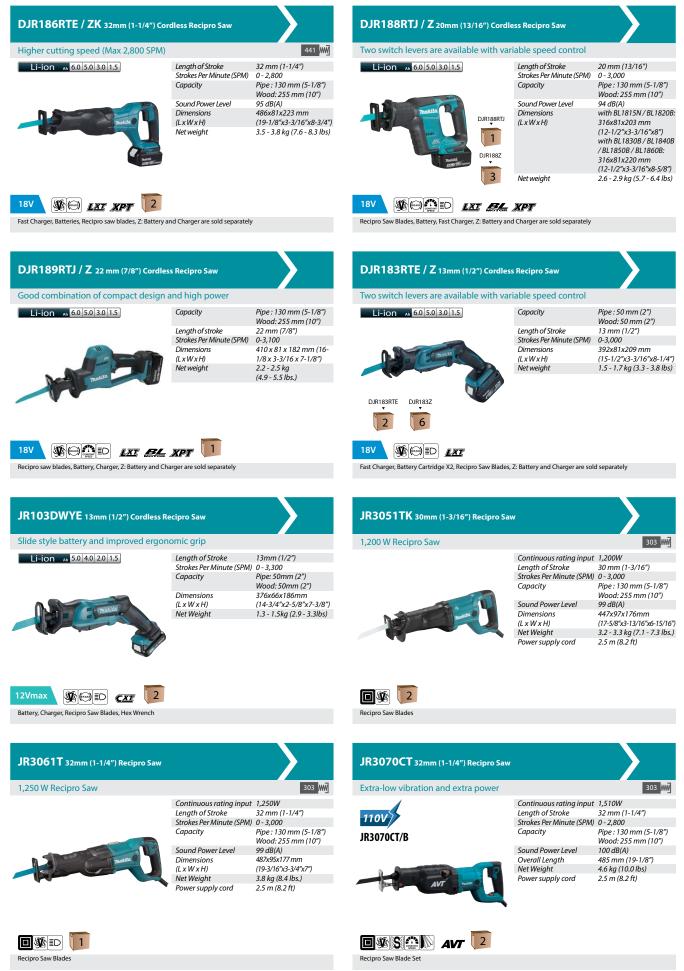
compatible with a wide range of cu	tting applications		Compact 8	High Power		
Li-ion An 8.0 5.0 4.0 2.5 2.0	Length of Stroke Strokes Per Minute (SPM)	32 mm (1-1/4″) 0 - 3,000	Li-ion	5.0 4.0 2.5 2.0	Length of Stroke Strokes Per Minute (SPM)	32 mm (1-1/4″) High / Low: 0 - 3,000 / 0 - 2,300
	Capacity	Pipe : 130 mm (5-1/8") Wood: 255 mm (10")		and the second se	Capacity	Pipe : 130 mm (5-1/8") Wood: 255 mm (10")
AVT Pakitis	Dimensions (L x W x H)	w/ BL4020 / BL4025: 436 x 97 x 250 mm (17-1/8 x 3-13/16 x 9-7/8")		and the second sec	Dimensions (L x W x H)	w/ BL4025: 457x88x233 mm (18"x3-1/2"x9-1/8") w/ BL4040:
	Net weight	4.6 - 5.2 kg (10.1 - 11.5 lbs.)	JR001GZ	R001GM201/ GD201	40. mm	472x88x239 mm (18-5/8"x3-1/2"x9-3/8
		(10.1 11.5 103.)	3	1	Net weight	4.2 - 4.5 kg (9.3 - 9.9 lbs
					/4") Cordless Recipro Saw	
provement in specifications of cu	tting speed and stroke le	3	Upgraded	model of basic model	DJR186 high efficiency by B	
	tting speed and stroke le <i>Capacity</i>	Pipe : 130mm (5-1/8″) Wood : 255mm (10″)	Upgraded			32 mm (1-1/4″) High / Low:
provement in specifications of cu	tting speed and stroke le	Pipe : 130mm (5-1/8") Wood : 255mm (10") 32mm (1-1/4") High : 0-3,000	Upgraded	model of basic model	DJR186 high efficiency by B	32 mm (1-1/4") High / Low: 0 - 3,000 / 0 - 2,300 Pipe : 130 mm (5-1/8")
provement in specifications of cu	tting speed and stroke le Capacity Length of stroke Strokes per minute (spm) Sound power Level	Pipe : 130mm (5-1/8") Wood : 255mm (10") 32mm (1-1/4")	Upgraded	model of basic model	DJR186 high efficiency by B Length of Stroke Strokes Per Minute (SPM) Capacity Sound Power Level	32 mm (1-1/4″) High / Low: 0 - 3,000 / 0 - 2,300
provement in specifications of cu	tting speed and stroke le Capacity Length of stroke Strokes per minute (spm) Sound power Level Dimensions	Pipe : 130mm (5-1/8") Wood : 255mm (10") 32mm (1-1/4") High : 0-3,000 Low : 0-2,300 96 dB(A) 449x116x243mm	Upgraded	model of basic model	DJR186 high efficiency by B Length of Stroke Strokes Per Minute (SPM) Capacity Sound Power Level Dimensions	32 mm (1-1/4") High / Low: 0 - 3,000 / 0 - 2,300 Pipe : 130 mm (5-1/8") Wood: 255 mm (10") 95 dB(A) 439x83x231 mm
provement in specifications of cu	tting speed and stroke le Capacity Length of stroke Strokes per minute (spm) Sound power Level Dimensions (L x W x H)	Pipe : 130mm (5-1/8") Wood : 255mm (10") 32mm (1-1/4") High : 0-3,000 Low : 0-2,300 96 dB(A) 449x116x243mm (17:3/4"x4-9/16"x9-9/16")	Upgraded	model of basic model	DJR186 high efficiency by B Length of Stroke Strokes Per Minute (SPM) Capacity Sound Power Level Dimensions (L×W×H)	32 mm (1-1/4") High / Low: 0 - 3,000 / 0 - 2,300 Pipe : 130 mm (5-1/8", Wood: 255 mm (10") 95 dB(A) 439x83x231 mm (17-1/4"x3-1/4"x9-1/8
provement in specifications of cu	tting speed and stroke le Capacity Length of stroke Strokes per minute (spm) Sound power Level Dimensions	Pipe : 130mm (5-1/8") Wood : 255mm (10") 32mm (1-1/4") High : 0-3,000 Low : 0-2,300 96 dB(A) 449x116x243mm	Upgraded	model of basic model	DJR186 high efficiency by B Length of Stroke Strokes Per Minute (SPM) Capacity Sound Power Level Dimensions	32 mm (1-1/4") High / Low: 0 - 3,000 / 0 - 2,300 Pipe : 130 mm (5-1/8") Wood: 255 mm (10") 95 dB(A)
	tting speed and stroke le Capacity Length of stroke Strokes per minute (spm) Sound power Level Dimensions (L x W x H)	Pipe : 130mm (5-1/8") Wood : 255mm (10") 32mm (1-1/4") High : 0-3,000 Low : 0-2,300 96 dB(A) 449x116x243mm (17:3/4"x4-9/16"x9-9/16")	Upgraded Li-ion	model of basic model	DJR186 high efficiency by B Length of Stroke Strokes Per Minute (SPM) Capacity Sound Power Level Dimensions (L×W×H)	32 mm (1-1/4") High / Low: 0 - 3,000 / 0 - 2,300 Pipe : 130 mm (5-1/8") Wood: 255 mm (10") 95 dB(A) 439x83x231 mm (17-1/4"x3-1/4"x9-1/8

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

43

44 RECIPRO SAW





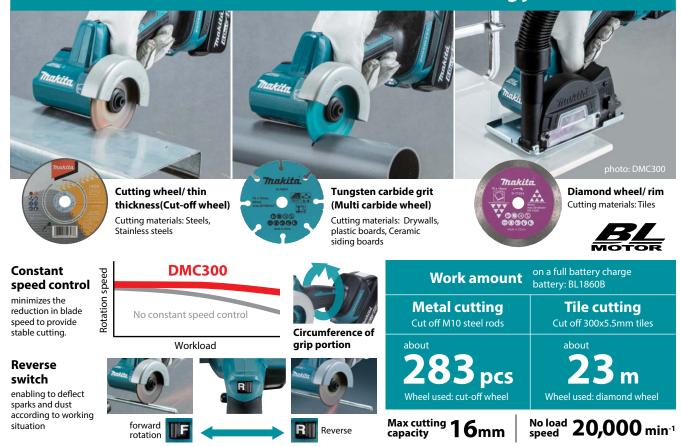


CUTTING Masonry & Concrete

PRODUCTS



76mm (3") cutter suitable for small cutting jobs







Continuous Rating Input 1,400W Blade Diameter 125 mm

Max Cutting Capacity

No Load Speed (RPM)

Power Supply Cord

Dimensions

 $(L \times W \times H)$

Net Weight

125 mm (5")

12,200

40.0 mm (1-9/16")

231x220x179 mm

(9-1/8"x8-5/8"x7")

3.0 kg (6.6 lbs.)

2.5 m (8.2 ft.)



Diamond Wheel x 2, Hex Wrench, Lock Nut Wrench 4100NH3Z 110mm (4-3/8") Cutter Powerful 1,300 W motor delivers 13,800 RPM Continuous R **Blade** Diame Max Cutting No Load Spee 4100NH3Z/B . Dimensions (L x W x H) Net Weight

RPM	303 🔤
Continuous Rating Input	1,200W
Blade Diameter	110 mm (4-3/8")
Max Cutting Capacity	90°: 32 mm (1-1/4″)
No Load Speed (RPM)	13,800
Dimensions	227x209x166mm
(L x W x H)	(8-15/16"x8-1/4"x6-1/2")
Net Weight	2.8 kg (6.2 lbs)
Power Supply Cord	2.0 m (6.6 ft)

Tool does not come with diamond wheel ns of standard equipment and specifications may vary by country or area

4107R 180mm (7-1/8") Cutter

Quick and clean cutting



153 🞹 Continuous Rating Input 1,400W Max cutting: Capacity 60mm (2-3/8") Blade Diameter 180 mm (7-1/8") No Load Speed (RPM) Overall Length 5,000 370 mm (14-9/16″) Net Weight 6.3kg (14.5lbs) 5.0m (16.4ft) Power Supply Cord

ol does not come with diamond whee

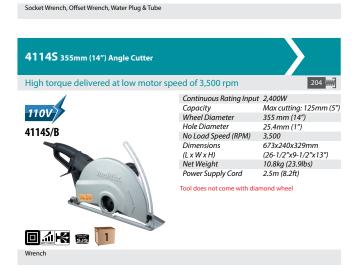
Diamond Wheel, Dust Bag, Wrench, Hex Wrench

4112HS 305mm (12") Angle Cutter

makita

305m (12") diamond wheel provides max.cutting depth of 100mm (4") 204 ᇞ







METAL CUTTING

PRODUCTS



48 METAL CUTTING





Tnakita.

METAL CUTTING 49



50 **METAL CUTTING**







DJS130Z 1.3mm Cordless Metal Shear 440 🞹 Nibbler without cord expands more operating field Steel up to 400 N/mm²: Li-ion Ab 6.0 5.0 3.0 1.5 Capacity 1.3 mm Steel up to 600 N/mm²: 1.0 mm No Load Speed (RPM) 2,800 Dimensions (L x W x H) 350x80x193 mm (13-3/4"x3-1/8"x7-5/8") Net weight 2.3 - 2.6 kg (5.0 - 5.8 lbs)

JS1601 1.6mm (16Ga) Straight Metal Shear		
Minimum outside cutting radius of 250	mm (9-7/8″)	459 ₩
maile	Continuous rating input Capacity	380W Steel up to 400 N/mm ² ; 1.6mm Steel up to 600 N/mm ² ; 1.2mm Steel up to 800 N/mm ² ; 0.8mm Aluminumup to 200 N/mm ² ; 2.5mm
See a se	Min. cutting radius	250mm (9-7/8")
	Strokes Per Minute (SPM) Dimensions	4,500 320x70x78mm
	(LxWxH)	(12-5/8"x2-3/4"x3-1/16")
	Net Weight	1.4kg (3.1lbs)
	Power supply cord	2.5m (8.2ft)
Hex Wrench, Thickness Gauge		

JS1300 1.3mm Straight Shear		
Low noise level (only 80dB) for quieter o	peration	419
	Continuous rating input Capacity	570W Steel up to 400 N/mm ² : 1.3 mm Steel up to 600 N/mm ² : 1.0 mm Steel up to 800 N/mm ² : 0.5 mm Aluminumup to 200 N/mm ² : 2.5 mm
	Strokes Per Minute (SPM)	
	Overall Length	302 mm (11-7/8")
	Net Weight	1.8 kg (3.9 lbs)
Hex Wrench	Power supply cord	2.5 m (8.2 ft)





Trakita

DJN161Z 1.6mm (16Ga) Cordless Nibbler Nibbler without cord expands more operating field 430 Li-ion Ab 6.0 5.0 3.0 1.5 Steel up to 400 N/mm²: Capacity 1.6 mm Steel up to 600 N/mm²: 1.2 mm Aluminum up to 200 N/mm²: 2.5 mm Min. cuttina radius Inside edae : 45 mm (1-3/4") Outside edge : 50 mm (2″) Strokes Per Minute (SPM) 1,900 Dimensions 313x78x189 mm (12-3/8"x3-1/16"x7-7/16") $(L \times W \times H)$ 1.9 - 2.3 kg (4.3 - 5.0 lbs) Net weight 4 18V LXT

Hex Wrench, Wrench, Punch, Die, Z: Battery and Charger are sold separately

Robust design with elastomer coated handle provides easy operation

Continuous rating input 710W

Strokes Per Minute (SPM) 1.300

Capacity

Dimensions

Net Weight

Power supply cord

 $(L \times W \times H)$

JN3201J 3.2mm (10Ga) Nibbler

Punch, Die, Wrench 50, Hex Wrench, Washer

1



METAL CUTTING / GRINDER

CA5000X 118mm (4-5/8") Aluminum Groove Cutter

Developed for cutting grooves in aluminum co



Cutter blade, Plate, Hex Wrench 5

ium composite materials				
	Continuous Rating Input	1,300W		
	Blade	Type: Cutter b saw blade		
	Max Cutting Capacity	with Guide rai		
	with Cutter blade	11mm (7/16"		
	Max Cutting Capacity	with Guide ra		
	with TCT Saw blade	36mm (1-7/1		
		without Guid		
		41mm (1-5/8		
	No Load Speed (RPM)	2,200-6,400		
	Dimension	346x250x250		
	(L x W x H)	(13-5/8"x9-7/		
	Net Weight	4.7kg (10.4lb		
	Power Supply Cord	2.5m (8.2ft)		

hlade / TCT il: ail: 6″) le rail: ")) mm /8"x9-7/8") s)

303 📖



303 ᇞ

Steel up to 400 N/mm²

Steel up to 800 N/mm²:

Aluminum up to 200 N/mm²

3.2mm Steel up to 600 N/mm²:

. 2.5mm

1.0mm

3.5mm

225x90x254mm

3.4kg (7.4lbs)

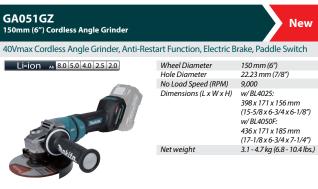
2.5m (8.2ft)

(8-7/8"x-1/2"x10")



Toolless Wheel Cover, Anti-Vibration Grip, Wireless Unit (country-specific), Interchangeable Adapter ADP10 (coun-try-specific), Toolless Lock Nut (country-specific), Battery, Charger, Z: Battery and Charger are sold separately





40Vmax 🗐 🏵 🏥 🔊 😹 AFT 😔 XPT

Depressed center wheel, Cutting wheel cover attachment, Toolless wheel cover, Side grip or Vibration proof grip (country-specific), Lock nut wrench, Battery, Charger, Z: Battery and Charger are sold separately



Grinding Wheel, Toolless Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger, Z: Battery and Charger are sold separately



MA COD BL AFT M XPT Grinding Wheel, Toolless Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger, 7: Battery, and Charger are sold separately and Charger are sold separately



GA029GZJ / GZ 125mm (5") Cordless Angle Grinder

40Vmax XGT BL AWS AFT Cordless Angle Gr



inder, Electric B	rake, Paddle
eel Diameter	125 mm (5″)
le Diameter	22.23 mm (7
Load Speed (RPM)	3,000 - 8,500
nensions (L x W x H)	w/ BL4025:
	413x140x15
	(16-1/4″x5-1
	w/ BL4040:
	425x140x16
	(16-3/4"x5-1
t weight	3.0 - 4.5 kg (6
-	-

7/8") 56 mm 1/2″x6-1/8″) 58 mm 1/2″x6-5/8″) (6.6 - 9.9 lbs.)

Switch

Me AFT AWS (XPT 40Vmax

Grinding Wheel, Toolless Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger, Z: Battery and Charger are sold separately



Grinding Wheel, Toolless Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger, Z: Battery and Charger are sold separately

Trakita

GRINDER 53





Grinding Wheel, Toolless Wheel Cover, Side Grip, Lock Nut Wrench, Battery, Charger, Z: Battery and Charger are sold separately



Auto-start Wireless System

Switch on the tool, and Vacuum cleaner is activated

It has been impossible, but now Vacuum cleaner can be automatically activated by Cordless tools with our newly developed wireless system.







Tnakita.

GRINDER 55







🎯 🕍 🖾 😹 ADT AFT 💮 XPT

Fast charger, Battery cartridge, Depressed center grinding wheel, Lock nut wrench, Side grip, Z: Battery and Charger are sold separately

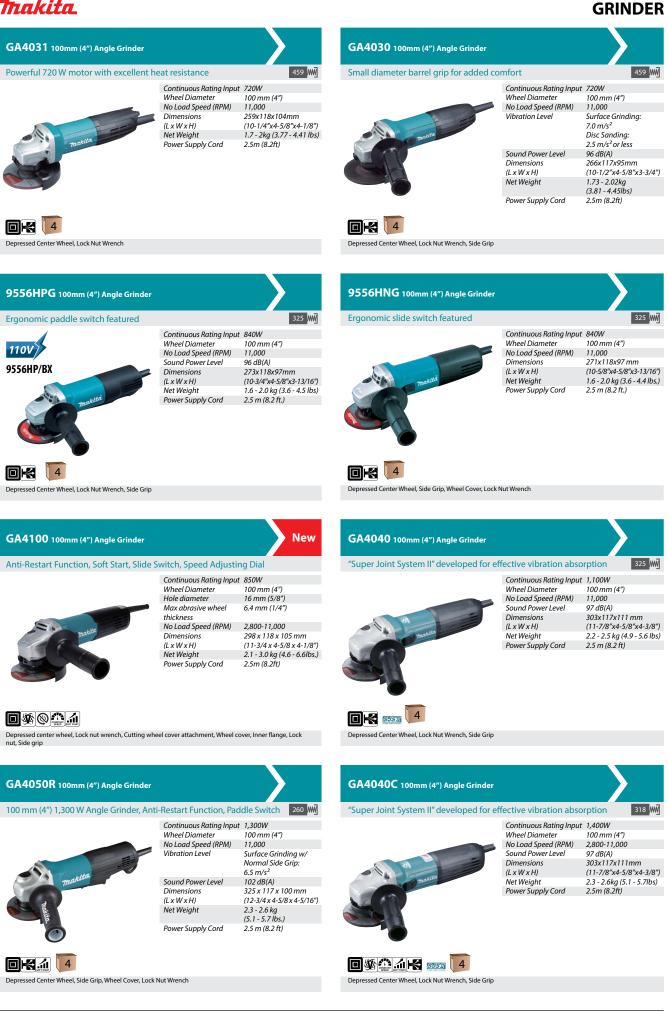
18V

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Depressed Center Wheel, Wheel Cover, Lock Nut Wrench

Thakita.

57 GRINDER







Thakita.

59 GRINDER





150 mm (6″)

356x169x112mm

(14"x6-5/8"x4-3/8") 2.7 - 3.1kg (5.9 - 6.9lbs)

204

New

10,000

101 dB(A)

2.5m (8.2ft)

180 mm (7")

473x200x140mm

(12.26 - 13.36 lbs)

2.5m (8.2ft)

180 mm (7")

5-11/16") 5.1 kg (11 lbs.)

180 mm (7")

8,500

22.23 mm (7/8″)

506 x 200 x 146 mm

(20 x 7-7/8 x 5-3/4")

6.1-6.6 kg (13.5 - 14.6 lbs.)

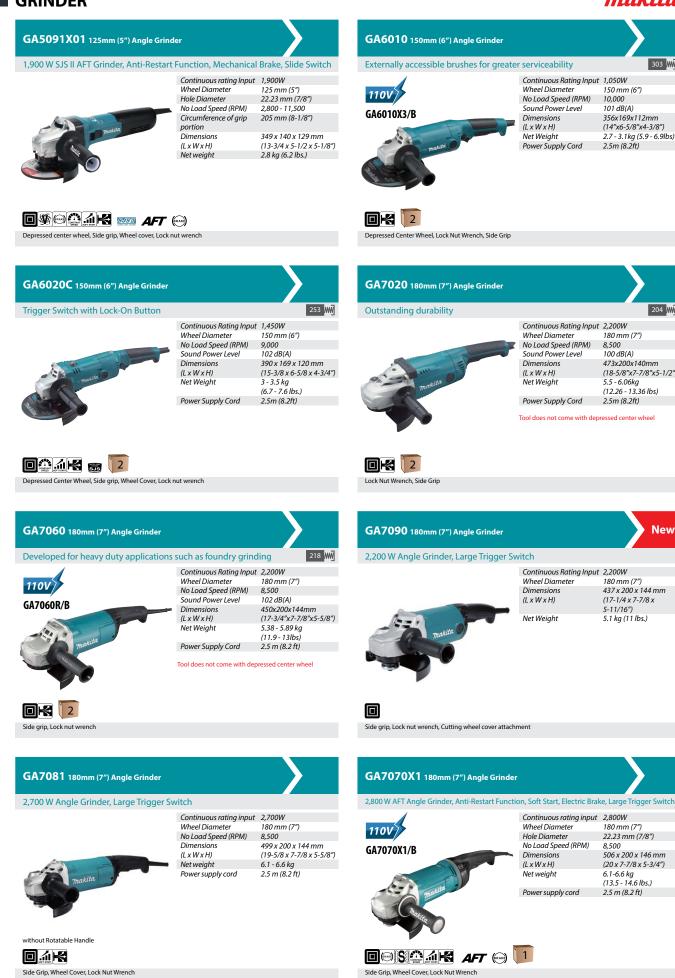
2.5 m (8.2 ft)

437 x 200 x 144 mm (17-1/4 x 7-7/8 x

(18-5/8″x7-7/8″x5-1/2″) 5.5 - 6.06kg

8,500

100 dB(A)



Tnakita.

GRINDER 61









6

Spanner 10 (x2), Wheel points

🛛 🆓 🕰 🚠 🐻 🚺 5

Wrench x2







10

Wheel Point (2pcs.), Wrench (2pcs.), Dressing Stone

GS5000 125mm (5") Straight Grinder		
"Tool-less" guard cap removal for more co	onvenient wheel chan	ges 204
	Continuous Rating Input Wheel Diameter Hole Diameter No Load Speed (RPM) Dimensions (L x W x H)	750W 125 mm (5") 12.7,20mm (1/2,13/16") 5,600 590x189x116mm (23-1/4"x7-7/16"x4-9/16")
Tratife Or	Net Weight Power Supply Cord	5.0 - 5.2kg (11.0 - 11.5 lbs) 2.5m (8.2ft)



GB602 150mm (6") Bench Grinder





GB801 205mm (8") Bench Grinder

205 mm (8") 19mm (3/4") 15.88mm (5/8") 3/4 2,850 (50Hz) / 3,95x265x333mm (15-9/16"x 10-7/16"x13-7/64") 19.91 - 19.65kg (43.89 - 43.28lbs)

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Eye Shield, Protection Glasses, Grinding wheel x 2





1

40Vmax





Blade Diameter	260 mm (10-1/4")
Miter Angle	60°L/60°R
Bevel Angle	48°L/48°R
Max Cutting Capacity	90° Miter: 68 x 310 mm
	(2-11/16 x 12-1/4″),
	91 x 279 mm (3-5/8 x 11")
	45° Miter, L/R:
	68 x 218 mm
	(2-11/16x8-5/8″),
	91 x 197 mm (3-5/8 x 7-3/4")
No Load Speed (RPM)	3,600
Dimensions $(LxWxH)$	805 x 644 x 660 mm
Net weight	26.6 - 27.2 kg (58.6 - 60.0 lbs.)

303 🞹

90°: 52 x 300 mm

(2-1/16" x 11-3/4") 45°: 52 x 212 mm

(2-1/16" x 8-3/8") 190 mm (7-1/2")

670x430x458mm

13.1kg (28.9lbs)

2.5m (8.2ft)

(26-3/8"x17"x18")

6.000 101 dB(A)

TCT Saw Blade, Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench, Wireless unit set, Battery, Charger, Z: Battery and Charger are sold separately LS002GZ 216mm (8-1/2") Cordless Slide Compound Miter Saw LS0714 190mm (7-1/2") Slide Compound Saw More efficient dust extraction Compact and Lightweight for Increased Jobsite Portability Li-ion Ab 5.0 4.0 2.5 2.0 Blade Diameter 216 mm (8-1/2") Continuous Rating Input 1,010W Miter Angle 60°L/60°R Max Cutting Capacity Bevel Angle 48°L/48°R 90° Miter: 70 x 312 mm Max Cutting Capacity (2-3/4 x 12-1/4") No Load Speed (RPM) 4,800 Blade Diameter Dimensions $(L \times W \times H)$ 702 x 551 x 557 mm No Load Speed (RPM) Sound Power Level (27-5/8 x 21-3/4 x 22") Net weight 16.4 - 17.0 kg (36.2 - 37.6 lbs.) Dimensions (L x W x H) Net Weight Power Supply Cord 1 40Vmax TCT Saw Blade, Dust Bag, Triangular Rule, Vertical Vise, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately T.C.T Saw Blade, Socket Wrench, Dust Bag, Holder Set, Vertical Vise, Triangular Rule LS1018L 260mm (10-1/4") Slide Compound Saw JM23000123 Bevel cutting 45 degrees left and right Continuous Rating Input 1,430W Max Cutting Capacity 90°: 91 x 305 mm (3-5/8" x 12") 45°: 91 x 215 mm



Carbide - Tipped Saw Blade, Vertical Vise, Socket Wrench, Triangular Rule, Dust Bag, Holder Assembly

Z: Battery and Charger are sold separately

(3-5/8" x 8-1/2") Blade Diameter . 255 - 260 mm (10 - 10-1/4") No Load Speed (RPM) 4,300 103 dB(A) Sound Power Level Dimensions 825x536x633mm $(L \times W \times H)$ (32-1/2"x21-1/8"x25") Net Weight 20.6kg (45.4lbs) Power Supply Cord 2.5m (8.2ft)



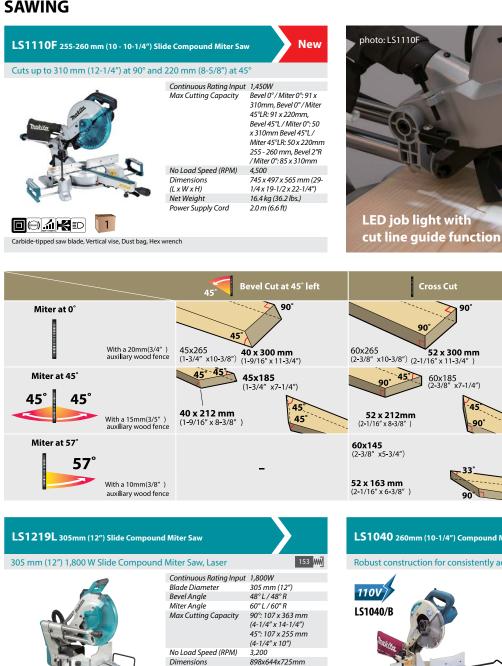
Dust Bag, Triangular Rule, Vertical Vise, Socket Wrench, Hex Wrench, Holder



5° right

40 x 300 mm (1-9/16" x 11-3/4") 90

maku



(2-1/16 x 6-3/8) 90°				
LS1040 260mm (10-1/4") Compound Miter Saw				
Robust construction for consistently accurate cuts				
	Continuous Rating Input			
110V	Max Cutting Capacity	90°: 90.5 x 95 mm (3-9/16″ x 3-3/4″)		
		45°: 90.5 x 67 mm		
LS1040/B		(3-9/16" x 2-5/8")		
Some A	Blade Diameter	260 mm (10-1/4")		
	No Load Speed (RPM)	4,600		
Makite	Sound Power Level	106 dB(A)		
	Dimensions	530x476x532mm		
	(L x W x H)	(20-7/8"x18-3/8"x21")		
.0.	Net Weight	12.4kg (27.3lbs)		
	Power Supply Cord	2.5m (8.2ft)		
in	Tool does not come with saw	blade		

Vertical Vise, Hex Wrench, Triangular Rule, Dust Bag

1



Dimensions (L x W x H) Net Weight

Power Supply Cord

(35-1/4"x25-3/8"x28-1/2") 29.3 kg (64.6 lbs)

2.5 m (8.2 ft.)

Socket Wrench, Vise Assembly, Dust Bag, Holder Set

Carbide-tipped saw blade, Vise assembly, Dust bag, Socket wrench 13, Triangular rule, Sub plate assembly, Holder x 2



Trakita

SAWING / CIRCULAR SAW



TCT.Saw Blade, Rip Fence, Miter Gauge, Wrenches, Push Stick, Triangular Rule



LB1200F 305mm (12") Band Saw

305mm Band Saw with high cutting efficiency



900W
Thickness of cut:
165mm (6-1/2″)
Throat : 305mm (12")
(50Hz)800 (60Hz)1,000m
((50Hz)2,624 (60Hz)
3,280ft) / min
(50Hz)400 (60Hz)500m
((50Hz)1,312 (60Hz)
1,640ft) / min
615x775x1,600mm
(24-1/4"x30-1/2"x63")
82kg (181.2lbs)
2.5m (8.2ft)

CIRCULAR SAW

PRODUCTS

SP001GZ 165mm (6-1/2") Cordless Plunge Cut Saw

BL motor delivers 4,900 RPM for fast cutting and ripping

40Vmax 🍇 🖓 🏭 🖽 🐼 🖅 🛲 AWS 🗠 XPT

TCT Saw Blade, Hex Wrench, Wireless Unit (country-specific), Battery, Charger, Z: Battery and Charger are sold separately



Blade Diameter 165 mm (6-1/2") Max Cutting Capacity 0°: 56 mm (2-3/16") 45°: 40 mm (1-9/16") 48°: 38 mm (1-1/2") No Load Speed (RPM) Sound Power Level

Dimensions (LxWxH)

Net weight

2,500 - 4,900 100 dB(A) 347 x 221 x 271 mm (13-5/8 x 8-3/4 x 10-5/8") 4.4 - 5.0 kg (9.7 - 11.0 lbs.)

1



66 **CIRCULAR SAW**





TCT Saw Blade, Guide Rule, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately

Thakita.

67 CIRCULAR SAW



40Vmax AT ID EXERT BL. AWS ADT (XPT

TCT Saw Blade, Dust Nozzle, Hex Wrench, Battery, Charger, Z: Battery and Charger are sold separately



问 📶 🔣 🗹 🗶 AWS ADT 💮 XPT 18V TCT Saw Blade, Hex Wrench, Rip Fence (Guide Rule), Dust Nozzle, Battery, Fast Charger,

Z: Battery and Charger are sold separately



40Vmax AWS ADT (XPT TCT Saw Blade, Dust Nozzle, Hex Wrench, Guide Rule, Battery, Charger Z: Battery and Charger are sold separately





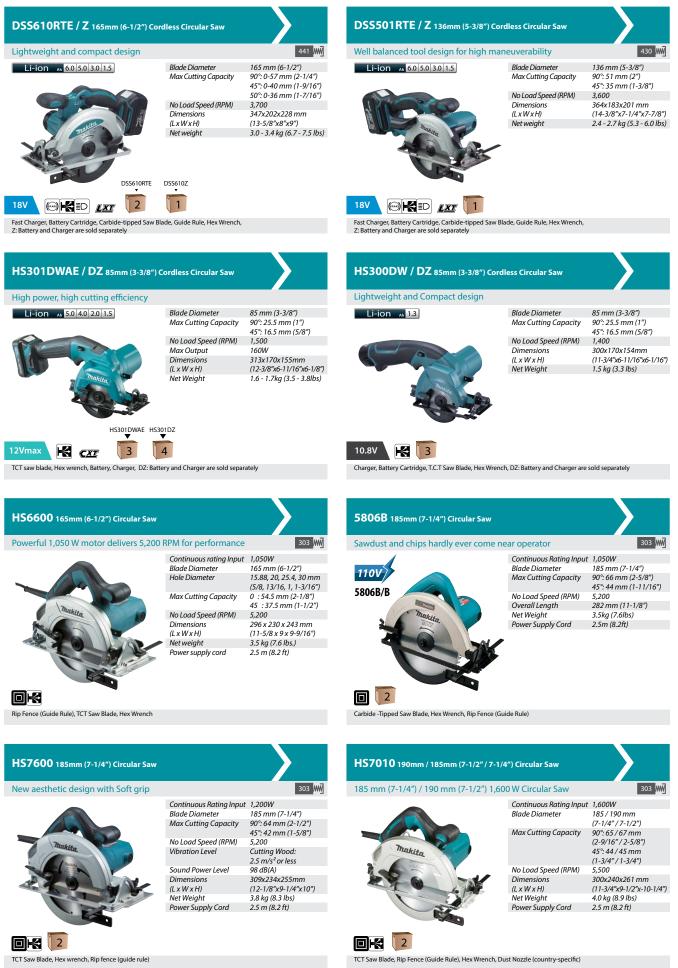
TCT Saw Blade, Rip Fence (Guide Rule), Hex Wrench, Dust Nozzle (country-specific), Battery, Charger, Z: Battery and Charger are sold separately



TCT Saw Blade, Hex Wrench, Rip Fence (Guide Rule), Dust Nozzle, Battery, Fast Charger, Z: Battery and Charger are sold separately

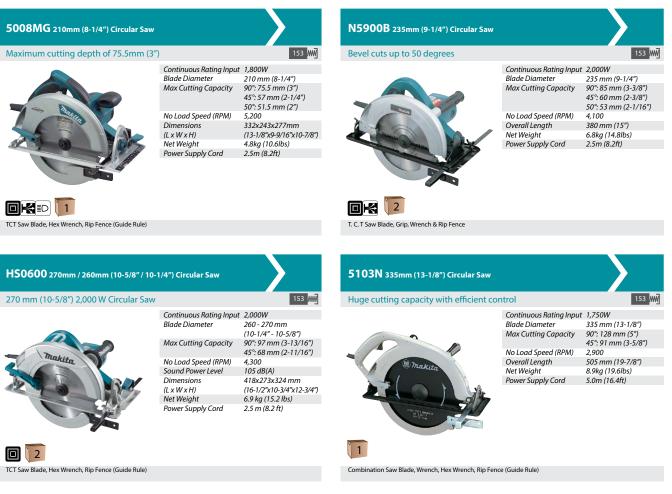
68 CIRCULAR SAW





Tnakita.

CIRCULAR SAW / JIG SAW ⁶⁹



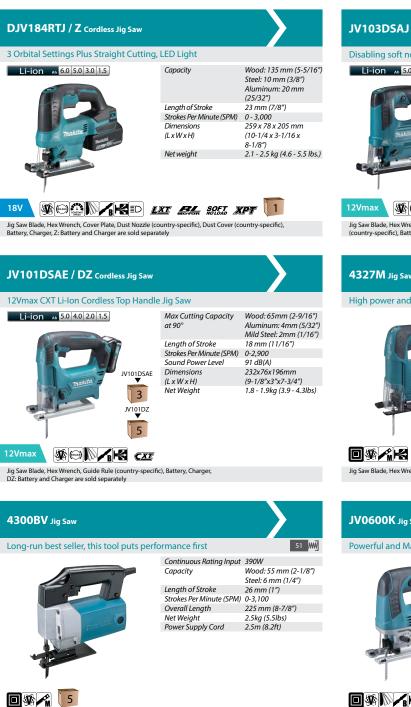








Fast Charger, Battery Cartridge, Jig Saw Blade Assortment, Cover Plate, Anti-splintering Device, Hex Wrench, Z: Battery and Charger are sold separately



Jig Saw Blade Set (No. 1, 2 & 3 : 2 each), Rip Fence (Guide Rule), Circular Guide Assembly, Blade Clamp Assembly, Hex Wrench



JV103DSAJ / DZ Cordless Jig Saw

Disabling soft no-load rotation function in operator's preference



 Max Cutting Capacity
 W

 at 90°
 M

 Length of Stroke
 2

 Strokes Per Minute (SPM)
 8

 Sound Power Level
 9

 Dimensions
 2

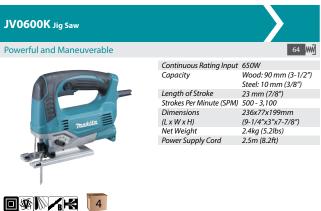
 (L × W × H)
 (2

 Net Weight
 1

Wood: 90mm (3-1/2") Aluminum: 20mm (13/16") Mild Steel: 10mm (3/8") 23 mm (7/8") 1) 800 - 3,000 96 dB(A) 237x76x206 mm (9-3/8"x3"x8-1/8") 1.9 - 2.0 kg (4.1 - 4.4 lbs)

Jig Saw Blade, Hex Wrench, Cover Plate (country-specific), Dust Nozzle (country-specific), Dust Cover (country-specific), Battery, Charger, DZ: Battery and Charger are sold separately

4327M Jig Saw		
High power and Lightweight		64 WW
Trakita	Continuous Rating Input Capacity	450W Wood: 40 mm (1-9/16") Steel: 6 mm (1/4")
	Length of Stroke	18 mm (11/16")
	Strokes Per Minute (SPM)	
	Dimensions	224x77x197mm
	(L x W x H)	(8-7/8"x3"x7-3/4")
	Net Weight	1.8 kg (4.0 lbs.)
	Power Supply Cord	2.0m (6.6ft)
Jig Saw Blade, Hex Wrench		



Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Jig Saw Blade, Hex Wrench



71 **PLANING & ROUTERING**

PLANING & ROUTERING

PRODUCTS





Tnakita.

KP0800X 82mm (3-1/4") Power Planer

Angle and shape of handle are easy to grip, push and carry



Continuous Rating Input 620W Planing Width Planing Depth No Load Speed (RPM) Dimensions (L x W x H) Net Weight Power Supply Cord



Blade Gauge Assembly, Guide Rule, Planer Blade, Socket Wrench, Sharpening Holder, Shiplapping: 9 mm (11/32")



18V

Sharpening Holder Assembly, Blade Gauge Assembly, Socket Wrench, Planer Blade

Sharpening Holder Assembly, Blade Gauge Assembly, Socket Wrench, Planer Blade

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72 **PLANING & ROUTERING**



3 mm, 6 mm or 1/8", 1/4"

w/BL1830B/BL1850B/ BL1860B: 311x79x117 mm (12-1/4"x3-1/8"x4-5/8")

1.4 - 1.7 kg (3.1 - 3.7 lbs.)

6, 8 mm or 1/4, 3/8"

w/Trimmer Base: 0 - 40 mm (0 - 1-9/16")

w/ Plunge Base: 0 - 35 mm (0 - 1-3/8")

w/BL1815N/BL1820B: 134 x 89 x 208

 $(5-1/4 \times 3-1/2 \times 8-1/8)$ w/BL1830B /BL1850B/

134 x 89 x 226 mm

(5-1/4 x 3-1/2 x 8-7/8")

1.8 - 2.1 kg (3.9 - 4.6 lbs.)

BI 1860B.

10,000 - 30,000

32 000

600 W

210 mm (8-1/4")

w/BL1815N: 293x79x117 mm (11-1/2″x3-1/8″x4-5/8″)

430



100 mm (4") Max cutting depth 20 mm (3/4″) No Load Speed (RPM) 6,500 351x139x149 mm (13-3/4"x5-1/2"x5-7/8") 2.8 - 3.1 kg (6.2 - 6.8 lbs)

Blade Diameter

Dimensions

 $(L \times W \times H)$

Net weight

Collet Capacity

Max Output

Portion

Dimensions

(LxWxH)

Net weight

Collet Capacity

Plunge Capacity

Dimensions

(LxWxH)

Net weight

No Load Speed (RPM)

No load speed (rpm)

Circumference of Grip

Collet Cone, Trimmer Base Assembly, Straight Guide Assembly, Templet Guide, Wrench x2, Trimmer Guide, Battery, Fast Charger, Z: Battery and Charger are sold separately



PLANING & ROUTERING



18V M LXT XPT

Wrench, Templet guide, Chip deflector, Straight bit, Trimmer guide assembly, Straight guide assembly, Battery, Charger, Z: Battery and Charger are sold separately



Trimmer Guide Assembly, Straight Guide Assembly, Template Guide, Straight Bit (Carbide-Tipped), Wrench (2pcs.)

RT0700C / CX2 6mm (1/4"), 8mm (3/8") Trimmer Alumium housing and base for higher durability and accuracy 411 🞹 Continuous Rating Input 710W 6mm, 8mm or 1/4", 3/8" 10,000-30,000 Collet Capacity No Load Speed (RPM) Sound Power Level 93 dB(A) 89x89x200mm Dimensions (L x W x H) (3-1/2"x3-1/2"x7-7/8") Net Weiaht 1.8 - 2.7ka (3.9 - 6.0lbs) Power Supply Cord 2.5m (8.2ft)

■◎◎☆☆★ 2

Trimmer Base Assembly, Straight Guide, Collect Cone X 2, Wrench X 2, Template Guide X 1





RP0900 8mm (3/8") Router (Plunge type)	
High durability and good design router		106 \Bigg
Trakita	Continuous Rating Input Capacity No Load Speed (RPM) Sound Power Level Dimensions (L x W x H) Net Weight Power Supply Cord	900W Collet: 6mm, 8mm or 1/4", 3/8" 27,000 100 dB(A) 110 x 256 x 217mm (10-3/32"x4-5/16"x8-17/32") 2.7kg (6.0lbs) 2.5m (8.2ft)



Trimmer Guide Assembly, Straight Guide Assembly, Template Guide, Collet Sleeve (6mm or 1/4"), Collet Sleeve (8mm or 3/8"), Wrench (2pcs.), Straight Bit (Carbide-Tipped)

D 3

411 🛲 Mills and drills aluminum for sashes Continuous Rating Input 530W Collet Capacity Max Width of Work 6 mm or 1/4" 123 mm (4-7/8") 77 mm (3") 185 mm (7-1/4") Max Width of Work (45°) Max Height of Work Transverse Travel of Table (Bed) 113 mm (4-1/2") Longitudinal Travel of Table (Bed) 73 mm (2-7/8″) No Load Speed (RPM) 30,000 327x350x355 mm Dimensions (12-7/8"x13-13/16"x14") 16 kg (35.3 lbs) (L x W x H) Net Weight Power Supply Cord 2.5 m (8.2 ft)

Sash Router Bit (Drill Point), Angle Gauge, Wrench X2, Oil Supply, Collet Cone (6mm or 1/4")

1 73



SANDING & POLISHER

PRODUCTS



Tnakita.

SANDING & POLISHER 75



76 **SANDING & POLISHER**



1.400W

125 mm (5") 22.23 mm (7/8")

350x231x179 mm

(13-3/4"x9-1/8"x7")

2.5 - 3.6 kg (5.5 - 7.9 lbs.)

4,000 - 9,000 96.0 dB(A)

4.0 m (13.1 ft)

318

64 🛲



Continuous Rating Input 440W Abrasive Disc Size 150 mm (6") Capacity No Load Speed (RPM) Pad: 120mm (4-3/4") 4.500 200x74x181mm (7-7/8"x2-15/16"x7-1/8") 1.2kg (2.6lbs) Power Supply Cord 2.5m (8.2ft)



Photo: DBO380

replaceable Pad it can be independently replaced as it isfastened to machine's base with screws And surely saves your repairing cost.

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

performance.

with sponge sleeve

provides high durability and

effective vibration-absorbing

Thakita

SANDING & POLISHER

93 x 185 mm (3-5/8″ x 7-1/4″)

93 x 228 mm

2.0 mm (1/16″)

253x92x154mm

1.6 kg (3.5 lbs)

2.0 m (6.6 ft)

110 x 100 mm

(4-5/16" x 3-15/16") 114 x 140 mm

(4-1/2" x 5-1/2")

116x110x129mm

(19-3/4 x 9-5/8 x 5") 1.8 - 2.1 kg (4.0 - 4.6 lbs.)

2.5m (8.2ft)

(4-9/16"x4-5/16"x5-1/8") 1.1kg (2.4lbs)

(10"x3-5/8"x6-1/16")

(3-5/8" x 9")

Continuous Rating Input 190W

Orbits Per Minute (OPM) 11,000

Strokes Per Minute (SPM) 22.000

Continuous Rating Input 170W

Orbits Per Minute (OPM) 12,000

Pad Size

Abrasive Paper Size

Orbit Diameter

Power Supply Cord

Dimensions

(L x W x H)

Net Weight

Pad Size

Dimensions

 $(L \times W \times H)$

Net Weight

Abrasive Paper Size

Power Supply Cord



Abrasive Paper X 6



Pad Size

Dimensions (L x W x H)

Net Weiaht

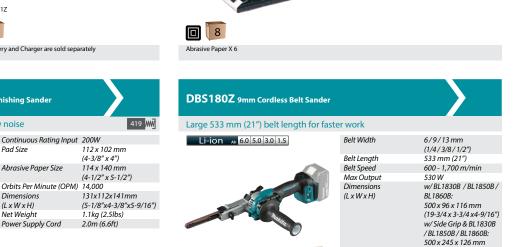
Abrasive Paper Size

Power Supply Cord

Orbits Per Minute (OPM)

BO4556 112mm x 102mm (4-3/8 x 4") Finishing Sander

Powerful 200W motor, low vibration, low noise



Sanding Belt, Grip, Grip Base, Battery, Charger, Z: Battery and Charger are sold separately

18V

BO3710 Finishing Sander

Abrasive Paper, Punch Plate, Dust Bag or Dust Box

Ergonomic tool body for controlled operation

Ш

makita

11,000 OPM for increased efficiency and smooth finish sanding

BO4510H 110mm x 100mm (4-5/16 x 3-15/16") Finishing Sander

Abrasive Paper, Dust Bag, Punch Plate





Net weight

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

64

419 MW

78 DUST EXTRACTION



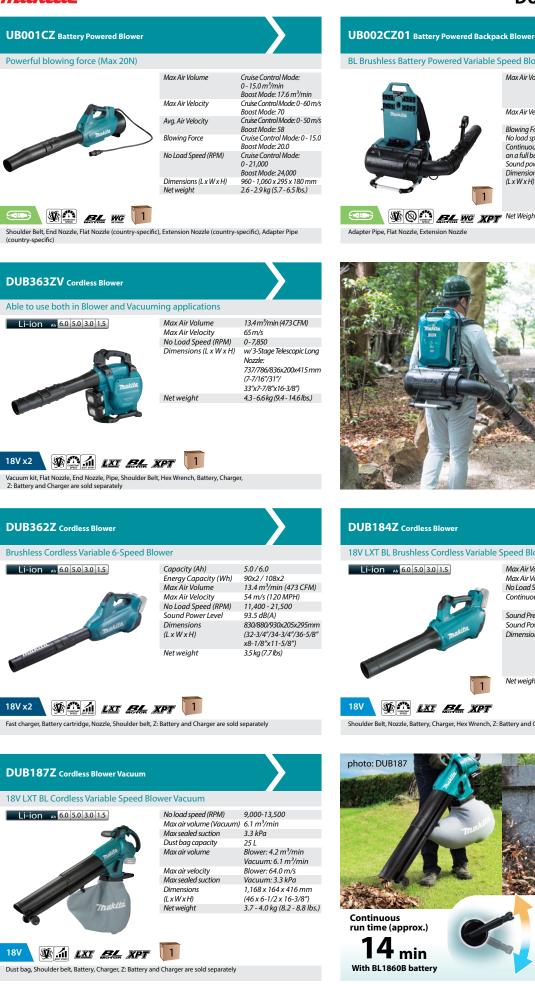
DUST EXTRACTION

PRODUCTS



Thakita

DUST EXTRACTION



Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.





18V LXT BL Brushless Cordless Variable Speed Blower



Max Air Volume Max Air Velocity No Load Speed (RPM) Continuous Use (min.) Sound Pressure Level Sound Power Level Dimensions(L x W x H) Net weight

13.0 m ³ /min (459 CFM)
52.1 m/s (116 MPH)
0 - 18,000
w/ BL1860B: 12,
w/BL1850B: 10
86.6 dB(A)
93.5 dB(A)
w/BL1830B/BL1850B/
BL1860B:
825x160x285mm
(32-1/2″x
6-5/16"x11-1/4")
2.5 - 3.0 kg (5.4 - 6.7 lbs.)

Shoulder Belt, Nozzle, Battery, Charger, Hex Wrench, Z: Battery and Charger are sold separately



80 **DUST EXTRACTION**



303 🞹

0-4.1 m³/min 0-5.7 kPa

0-16,000

(0-580 mmH₂O)

479x185x178mm

2.0kg (4.3bs)

2.5m (8.2ft)

(18-7/8"x7-1/4"x7")

Continuous Ratina Input 600W

Air Volume Air Pressure

Dimensions

(L x W x H)

Net Weight

No Load Speed (RPM)

Power Supply Cord



Nozzle 3, Nozzle 7, Nozzle 13, Pinch valve nozzle, Wide range nozzle, Battery, Charge, Country-specific: Flexible nozzle complete, Air vent hose complete, Rubber attachment 20-30, Rubber attachment, Filter C complete, Belt dip, Z-Battery and Charger are sold separately





ID <u>ixt</u> <u>Bl</u>

Nozzle, Pinch valve nozzle, Wide range nozzle, Flexible nozzle, Air vent hose, Rubber attachment, Filter, Belt clip, Battery, Charger, Z: Battery and Charger are sold separately

12Vmax CXT Cordless Variable 3-Speed	d Blower	
Li-ion an 5.0 4.0 2.0 1.5	Max Air Volume Max Air Velocity Max Sealed Suction	2.6 m³/min 56 m/s N/A kPa
	No Load Speed (RPM)	0 - 15,800
	Blowing Force Run Time (min)	1.6 N w/BL1016, High / Mid , Low: 7 / 20 / 45
	Dimensions (L x W x H)	w/ BL1016/BL1021B: 849 x 155 x 184 mm (33-1/2 x 6-1/8 x 7-1/4 w/ BL1041B: 852 x 155 x 202 mm (33-1/2 x 6-1/8 x 8″)
2Vmax 🚳 🛃 🤐 🚺	Net weight	1.4 - 1.9 kg (3.1 - 4.2 lb
Garden Nozzle, Flexible Hose (country-specific), Batter	ry, Charger, DZ: Battery and Cr	harger are sold separately

18V LXT Cordless Variable 3-Speed Blov	Wer Max Air Volume Max Air Velocity Max Sealed Suction No Load Speed (RPM) Blowing Force Sound Power Level Dimensions (L x W x H)	3.2 m3/min 98 m/s 5.8 kPa 0 - 18,000 3.1 N 94 dB(A) w/ BL1815N:
	Max Air Velocity Max Sealed Suction No Load Speed (RPM) Blowing Force Sound Power Level	98 m/s 5.8 kPa 0 - 18,000 3.1 N 94 dB(A)
		515x156x195 mm (20-1/4"x6-1/8"x7-5/8") w/ BL1830B / BL1850B / BL1860B: 517x156x210 mm (20-3/8"x6-1/8"x8-1/4")
18V 🍇 🕂 🚺	Net weight	1.6 - 2.1 kg (3.5 - 4.6 lbs.
Nozzle, Battery, Charger, Z: Battery and Charger are so	d separately	
UB1102 Blower		
High output air volume		303 MM



Nozzle, Dust Bag (country-specific), Flexible Hose (country-specific), Battery, Charger, DZ: Battery and Charger are sold separately

3 CXT 1

UB1103 Blower

110V

UB1103/B

D

High output air volume



2 Nozzle Assembly Front Cuffs 24, Poly Bag Set

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Nozzle Assembly Front Cuffs 24, Poly Bag Set

Tnakita.

DUST EXTRACTION 81



82 **DUST EXTRACTION**

40Vmax

-3⊁≣⊠ *ex=> ≝⊾ aws* []

Hose, Hose Band, Dust Bag, Front Cuff (country-specific), Wireless Unit, Battery, Charger, Z: Battery and Charger are sold separately



Dust/Water:8/-L

366x334x368 mm

(14-3/8″x13-1/8″x14-1/2″) 7.7 - 8.4 kg (17.2 - 18.5 lbs.)

2.4 m³/min

11 kPa

110 W



New

Paper Dust Bag: 6.0 L Cloth Dust Bag: 5.5 L Max Air Flow Max Sealed Suction 2.4 m³/min 20 kPa Continuous use w/ BL4050F x2: (approx.) on a full battery charge Mode 1/2/3/4: 260 / 130 /75 /40 min Suction Power Mode 1/2/3/4: 25W/ 55W/ 100W/ 195W Dimensions w/BL4040 x2: (LxWxH) 301 x 185 x 526 mm (11-7/8 x 7-1/4 x 20-3/4 ") Net weight 6.4 - 9.5 kg (14.1-20.9 lbs.) 1

Hose, Hose band, Dust bag, Switching nozzle, Bent pipe with pipe locking mechanism, Aluminum telescopic pipe with pipe locking mechanism (country-specific), Long sash nozzle, Battery, Charger, Z: Battery and Charger are sold separately



mode: 1

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

mode: 4 / With ø32mm x

1.0m Hose

DVC660ZX7 lless Backpack Vacuum Cleaner 18V X2 (36V) LXT BL Brushless HEPA Cordless Backpack Vacuum Cleane Li-ion Ab 6.0 5.0 3.0 1.5 Paper Dust Baa: 6.0 L Capacity Cloth Dust Bag: 5.5 L w/Hose complete 32-1.0: Max Air Flow 2.2 m³/min 2.2 m³/min w/ Hose Complete 28-1.0: 2.0 m³/min Max / High / Normal w/ Hose 32-1.0: 95 / 50 / 25 W Max / High / Normal w/ Hose 28-1.0:90 / 45 / 25 W Operational of Led / 25 W Suction Power Vibration Level Operation w/o Load: Dimensions (L x W x H)

2.5 m/s² or less 297x174x523 mm (11-3/4"x6-7/8"x20-5/8") 6.1 - 6.7 kg (13.4 - 14.8 lbs.)

18V x2

Floor Nozzle, Hose, Hose Band, Nozzle assembly, Telescopic pipe assembly, Bent Pipe, Switching nozzle, Free Nozzle, Dust Bag, Front Cuffs (22, 24), Battery, Charger, Z: Battery and Charger are sold separately

Net weight





18V x2 ~2 🖓 🔣 LXT 😹 AWS 🚺

Floor Nozzle, Hose, Hose Band, Nozzle assembly, Telescopic pipe assembly, Bent Pipe, Switching nozzle, Free Nozzle, Dust Bag, Front Cuffs (22, 24), Battery, Charger, Z: Battery and Charger are sold separately



Maximum cleaning area 600m² BL HEPA with mapping feature The number of rooms that can be memorized Automatic is 5 eturn to initial position **Compatible with** Smartphone app Tnakita. [Makita RoboPro DRC300] **Dust box Continuous run** capacity time (approx.) on a full battery charge [with two BI 1860B batteries] Camera Lidar sensor sensor photo: DRC300 Equipped with LiDAR sensor (2D) and Camera sensor, the cleaner can map and memorize the rooms to clean.

DUST EXTRACTION

83

84 **DUST EXTRACTION**



173



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 IEC60335-2-69 (world wide) and by EN 60335-2-69. The vacuum cleaners suitable for each of dust class have been also defined by these regulations as follows :

Dust class	Model No.	Definition Of Dust	Major requirement	Dust permeability *4
н	VC3211H	*OEL values >0.1mg/m ³ all kinds of dusts caused cancer, disease.	 Air flow sensor Filter protection structure *1 Structure that requires a tool for filter removal/installation *2 Structure that protects users from exposure to dust when emptying dust bag *3 	less than 0.005%
М	VC3211M, VC2211M, VC4210M, VC3012M,	*OEL values >0.1mg/m ³ as well as saw dust	Air flow sensor Filter protection structure *1	less than 0.1%
L	VC1310L, VC2510L, VC3210L, DVC860L, DVC861L, DVC865L, DVC866L, DVC867L, DVC750L, DVC150L, DVC151L, DVC155L, DVC156L, DVC157L, VC4210L, VC2012L, VC2512L, VC3011L,VC3012L	*OEL values >1mg/m ³		less than 1%



Apart from the above standard regulated by IEC/EN 60335-2-69, "HEPA" is widely recognized as one of famous guidelines of the filtration efficiency.

According to this 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/EN60335-2-69 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/EN60335-2-69. Another difference between HEPA testing methods and the IEC/EN60335-2-69 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.

OEL : Occupation Exposure Limit

In dirty indoor environment with high activity, such as schools, the average values of OEL are measured 0.5mg/m³. In case of "non-activity place", 0.15mg/m³ in office and 0.2mg/m³ in school are measured in average.

- *1 Filters should be protected from sharp objects such as nails when they are accidentally sucked up. The solution for VC3211M/ VC3211H is a protector for the filter units.
- *2 Filters loaded with dust should not be easily removed. The solution for VC3211H is a screw that locks the filter unit lock lever to the lock plate.
- *3 Dust should be prevented from flying around when emptying dust bags or replacing filters. The solution for VC3211H is the filter bag already available as an optional accessory of VC3211M.
- *4 Permeability of limestone (marble) particles having a diameter of 5 microns or less, in accordance with the EU standard

85 **DUST EXTRACTION**



×× 🚺

Hose Complete 28-3.5 (with Front Cuffs 38), Holder 10-33, Front Cuffs 22, Front Cuffs 24, Plastic Dust Bag Set



Floor Nozzle, Sash Nozzle, Sash Nozzle Holder, Pipe, Filter H, Easy Shake Off Filter, Battery, Charger, Z: Battery and Charger are sold separately



s rating Input air flow d suction	1,000W 216 m3 / h 21kPa
city	Dust: 20L Water: 13L
S	375x 385 x 505mm (14-7/6″ x 15-1/5″ x 19-8/8″)
t	7.5kg (16.5lbs)
oly cord	5.0m (16.4ft)

1

Filter Bag - Fleece, Disposal Bag - Plastic, Suction Hose, Suction Tube , Hand tube , Floor Nozzle, Nozzle Universal, Crevice Nozzle

CL002GZ03(ZB) / GZ07(ZW) Cordless Cleaner

40Vmax XGT BL Brushless Cordless 4-Speed Cleaner with LED Light

Dust Bag: 500 mL Capacity Li-ion Ab 8.0 5.0 4.0 2.5 2.0 Paper Pack: 330 mL w/BL4025, 1/2/3/4: Continuous Use (min.) 80/40/25/16 Max Air Flow 1.2 m³/min Max Sealed Suction 21 kPa (water column) (2,100 mmH₂O) Suction Power 125 W w/Easy Shake Off Filter, 1/ 2/3/4:20/45/70/125 W CL002GZ03/ Dimensions 505 x 114 x 152 mm GZ07 $(L \times W \times H)$ $(19-7/8 \times 4 - 1/2 \times 6'')$ Net weight 1.8 - 3.0 kg (4.0 - 6.6 lbs.) 4

74 ID & COD BL 40Vmax

Floor Nozzle, Sash Nozzle, Sash Nozzle Holder, Pipe, Easy Shake Off Dust Bag, Paper Dust Bag, Hand Strap, Battery, Charger, Z: Battery and Charger are sold separately

Floor nozzle, Sash nozzle, Sash nozzle holder, Pipe, High performance filter, Battery, Charger, Z: Battery and Charger are sold separately

	Cleaner		18V LXT BL Cordless 4-Speed Clea	aner with LED Light	
Li-ion Ab 8.0 5.0 4.0 2.5 2.0	Capacity Continuous use	250 mL w/BL4025, Mode 1/2/3/ 4:80/40/25/16 min	Li-ion Ah 6.0 5.0 3.0 1.5	Dust collecting type Capacity Max Air Flow	Cyclone 250 mL 1.0 m³/min
	Max air flow Max sealed suction Suction power	1.0 m³/min 20 kPa (2,000 mmH₂O) w/Easy shake off filter EX, Mode 1 / 2/3/4:		Max Sealed Suction Suction power	18 kPa w/ High performance filter, Mode 1/2/3/4: 15W/ 35W/ 60W/ 100
	Noise level	15/35/60/100W Mode 1/2/3/4: 54/59/62/65 dB(A)		Dimensions (L x W x H) Net weight	543 x 113 x 177 mm (21-3/8 x 4-7/16 x 7") 1.6 - 1.9 kg (3.5 - 4.2 lb
	Dimensions (L x W x H)	w/ Pipe & Nozzle, w/ BL4040: 1,121 x 113 x 177 mm (44-1/4 x 4-7/16 x 7")			
	Net weight	1.9 - 2.5 kg (4.2 - 5.5 lbs.)			
CL283FRTB / FZB Cordless C	leaner		DCL284FRTB / FZB Cordles	s Cleaner	
3V LXT BL Cordless Cleaner with L	ED Light		18V LXT BL Cordless 4-Speed Clea	aner with LED Light	
Li-ion An 6.0 5.0 3.0 1.5	Capacity Max Air Flow Max Sealed Suction Suction power Dimensions	730 mL 1.1 m ³ /min 17.5 kPa 90 W 503 x 113 x 154 mm (19.3 (4 x 4.7 (16 x 6.1 /8")	Li-ion An 6.0 (5.0 (3.0 (1.5	Capacity Max Air Flow Max Sealed Suction Suction power	730 mL 1.2 m ³ /min 18 kPa w/ High performance filter, Mode 1/2/3/4: 201W. 45W/ 70W/ 1251
	Capacity Max Air Flow Max Sealed Suction Suction power	1.1 m³/min 17.5 kPa 90 W	Li-ion an 60 50 30 15	Max Air Flow Max Sealed Suction	1.2 m³/min 18 kPa w/ High performance

18V ID LXT BL Floor nozzle, Sash nozzle, Sash nozzle holder, Pipe, High performance dust bag, Battery, Charger, Z: Battery and Charger are sold separately

⁸⁶ DUST EXTRACTION

Tnakita.



Trakita.

DUST EXTRACTION 87



Tnakita.

POWER CUTTER

Thakita .

PRODUCTS









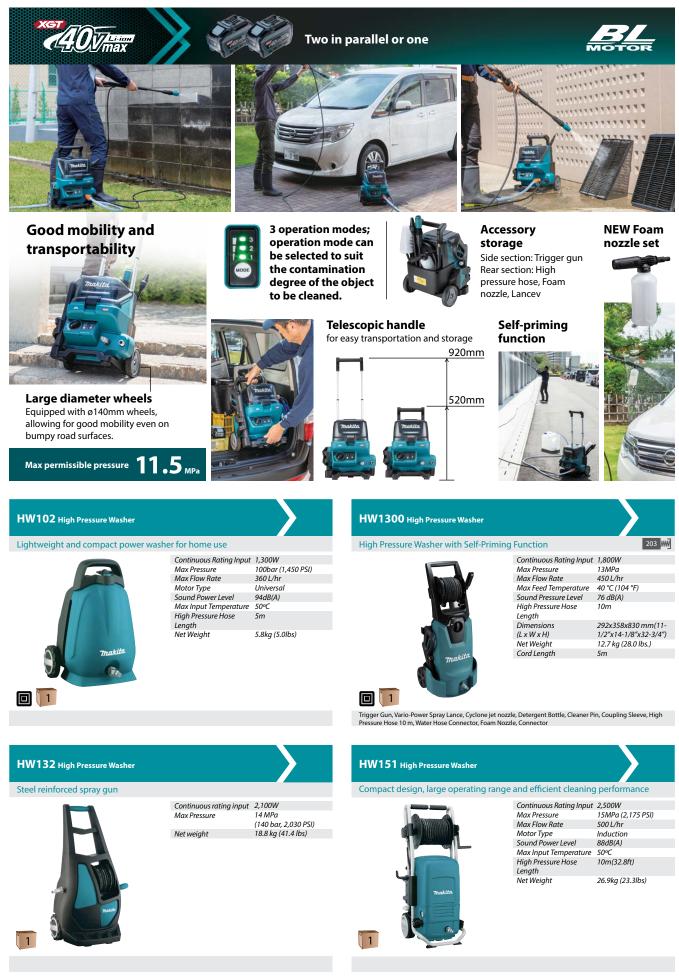


HW001GZ Cordless High Pressure Wa	sher	New	DHW080ZK Cordless High Pressure W	/asher	
Powered by 40Vmax XGT Li-Ion battery	(two in parallel or or	ne)	18V X2 LXT BL Cordless 8 MPa High Pres	ssure Washer	
Li-ion An 80 5.0 4.0 2.5 2.0	Max Pressure Max Flow Rate Pump Speed (RPM) Continuous use (approx) on fully charged batteries Max Feed Temperature High Pressure Hose Length Dimensions (L x W x H) Net weight	11.5 MPa 7.0 L/min Mode 1/Mode 2/Mode 3: 1.870/2,580/3,350 w BL4050F : Mode 1: 60 min Mode 2: 30 min Mode 3: 18 min 40 $^{\circ}$ 5 m (16 ft.) 344x383x520 mm 8.5 kg (18.7 lbs.)	Li-ion 6.0[5.0]3.0[1.5]	Max Pressure Max Flow Rate Pump Speed (RPM) Max Feed Temperature Max Suction Height High Pressure Hose Length Sound Power Level Dimensions (L x W x H) Net weight	8.0MPa (WA bars) 380 L/h (6.3 L/min) High / Low: 3,450 / 2,390 40 °C (N/A °F) 1 m (3.3 ft.) 5 m (16 ft.) 70.9 dB(A) 438x218x269 mm (17-1/4"x8-5/8"x10-5/8") 7.1 - 7.7 kg (15.6 - 17.0 [b5.)
40Vmax Q Reparately 2: Battery and Charger are sold separately			18V x2 2 LXT ELL WG	1 aner Pin, Storage Box, Variab	

Trigger Gun, High Pressure Hose 5 m, Suction Hose, Cleaner Pin, Storage Box, Variable nozzle, Connector, One touch joint, Battery, Charger, Z: Battery and Charger are sold separately



PRESSURE WASHER 89







Max 550 degrees Celsius air temperature for a wide range of cordless works



Air Temperature (°C) 550°C Stage 1: 120 L/min Stage 2: 200 L/min . Air Flow Dimensions $(L \times W \times H)$ w/o Battery: 173 x 79 x 208 mm (6-3/16 x 3-1/8 x 8-3/16") w/BL1815N/BL1820B: 173 x 79 x 237 mm (6-3/16 x 3-1/8 x 9-3/8″) w/BL1830B/BL1850B/ BL1860B: 173 x 79 x 255 mm (6-3/16 x 3-1/8 x 10") 1.0 - 1.3 kg (2.2 - 2.9 lbs.) Net weight



Glass protection nozzle, Wide slot nozzle, Reflector nozzle, Reduction nozzle, Battery, Charger,

Air Temperature (℃) 550°C Air Flow 200 L/min Dimensions (L x W x H) w/o Battery: BL1860B: 1.0 - 1.3 kg Net weight (2.2 - 2.9 lbs.)

168 x 79 x 205 mm (6-5/8 x 3-1/8 x 8-1/8") w/BL1815N/BL1820B: 168 x 79 x 234 mm (6-5/8 x 3-1/8 x 9-1/4") w/BL1830B/BL1850B/ 168 x 79 x 251 mm (6-5/8 x 3-1/8 x 9-7/8")





91 HEAT GUN / NAILER

50 - 650

200 - 550 L/min 257x85x206 mm (10-1/8″x3-3/8″x8-1/8″)

0.71 kg (1.6 lbs.) 2.0 m (6.6 ft)





Glass protection nozzle, Reflector nozzle, Reduction nozzle, Wide slot nozzle

HG6531CK Heat Gun

Durable and powerful heat gun with variable temperature control and LCD display



HG6530VK Heat Gun

Durable and powerful heat gu

un with vari	able temperature con	trol and LCD display
	Continuous rating input Air Temperature (°C)	2,000W 50 - 650
	Air Flow	Stage 1: 280 L/min Stage 2: 280 L/min Stage 3: 550 L/min
	Dimensions (L x W x H)	253x85x205 mm (10"x3-3/8"x8-1/8")
	Net weight	0.73 kg (1.6 lbs.)
	Power supply cord	2.0 m (6.6 ft)



Glass protection nozzle, Wide slot nozzle, Reflector nozzle (Nozzle B)



PT001GD201(RD2K) / GZ cor	dless Pin Nailer		DPT353RTE / Z Cordless Pin Nail	er	
40Vmax XGT BL 23 GA 35 mm (1-3/8")	Pin Nailer		Shoots 6,400 nails on a single full BL	1860B charge	
	Capacity	Length: 15, 18, 25, 30, 35mm (5/8, 11/16, 1, 1-3/16, 1-3/8") Dia: 0.6mm (1/32") Gauge: 23 Ga	Li-ion 1 6.0 5.0 3.0 1.5	Capacity	Length: 15, 18, 25, 30, 35mm (5/8", 11/16", 1", 1-3/16", 1-3/8") Dia.: 0.6mm (1/32") Gauge: 23 Ga
Dime.	Magazine Capacity	120		Magazine Capacity	120
	Dimensions (L x W x H)	218 x 86 x 226 mm (8-5/8 x 3-3/8 x 8-7/8")		Dimensions (L x W x H)	257x79x226 mm (10-1/8″x3-1/8″x8-7/8″)
	Net weight	2.4 - 3.0 kg (5.3 - 6.6 lbs.)		Net weight	2.0 - 2.3 kg (4.4 - 5.1 lbs)
•			DPT353RT	E DPT353Z	
	XPT		18V MILE [2	6	
Nose Adapter, Safety Goggles, Belt Clip, Hex Wrench, Z: Battery and Charger are sold separately	Battery, Charger,		Nose Adapter, Safety Goggles, Belt Clip, Hex Wrend Z: Battery and Charger are sold separately	h, Battery, Fast Charger,	



Lenath: 15, 18, 25, 30,

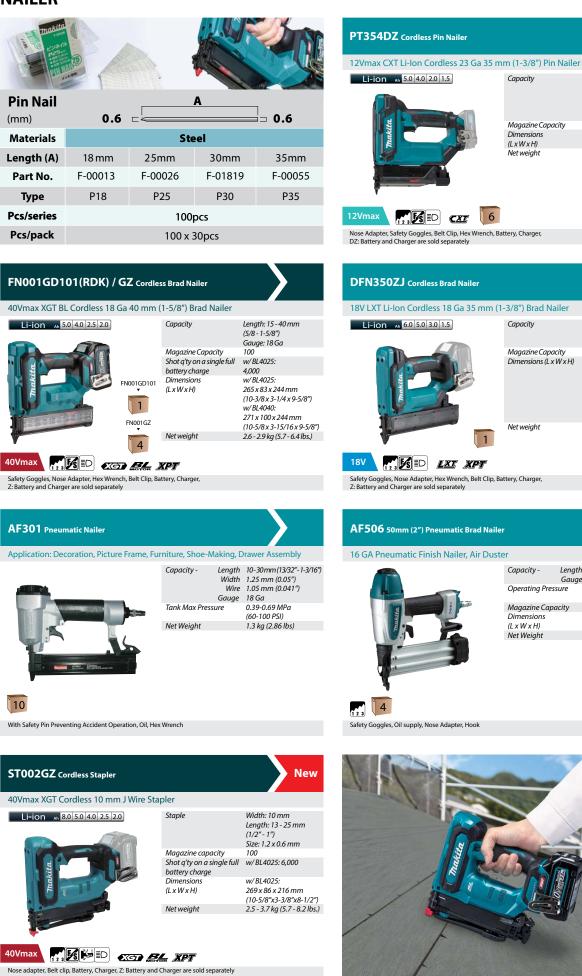
Dia.: 0.6 mm (1/32")

Gauge: 23 Ga

120 231x66x226 mm

35 mm (5/8",11/16",1",1-3/16",1-3/8")

(9-1/8"x2-5/8"x8-7/8") 1.8 - 2.0 kg (4.0 - 4.4 lbs.)



Length: 15 - 35 mm (5/8" - 1-3/8") Gauge: 18 Ga Magazine Capacity 110 Dimensions $(L \times W \times H)$ w/BL1815N/BL1820B: 240x79x228 mm (9-1/2"x3-1/8"x9") w/BL1830B/BL1840B/ BL1850B / BL1860B: 257x79x228 mm (10-1/8″x3-1/8″x9″) 2.1 - 2.4 kg (4.6 - 5.3 lbs.)

Capacity -	Length	15 - 50 mm (5/8" - 2")
	Gauge	18 Ga
Operating Pre	ssure	0.49 - 0.83 MPa
		(70 - 120 PSI)
Aagazine Cap	pacity	100
Dimensions		250x70x256 mm
LxWxH)		(9-7/8"x2-3/4"x10-1/8")
let Weight		1.3 kg (2.9 lbs.)



93 NAILER / SPECIALITY TOOLS







AT1022AZ Pneumatic Stapler

Application: Cabinet Making, Case back Assembly, Drawer Assembly, Furniture



Capacity -	Length Gauge	10 - 22 mm (13/32" - 7/8") 18 Ga
Magazine Capacity		100
Operating Pressure		0.45 MPa (65 PSI)
Dimensions		250x55x180 mm
(L x W x H)		(9-3/4"x2-1/4"x7")
Net Weight		1.3 kg (2.86 lbs)

10

With Safety Pin Preventing Accident Operation, Oil, Hex Wrench



DRV250Z Cordless Rivet Gun

18V LXT BL Brushless Cordless Rivet Gun Li-ion At 6.0 5.0 3.0 1.5



18V

Θ D LXI BL XPT 🚺

Hook, Grease, Accessory Set, Battery, Charger, Z: Battery and Charger are sold separately

Max pulling force 20 kN Length of Stroke 30 mm (1-3/16″) Center heiaht 26 mm (1") Sound Pressure Level 74 dB(A) 2.5 m/s² or less Vibration Level Dimensions w/BL1830B/BL1850B/ $(L \times W \times H)$ BL1860B: 320x80x287 mm (12-5/8"x3-1/8"x11-1/4") Net weight 2.1 - 2.4 kg (4.6 - 5.3 lbs.)

DGP180Z Cordless Grease Gun

Powerful motor delivers up to 69 MPa (10,000 PSI) of max pressure



Max Operating Pressure 69 MPa (10,000 PSI) 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 Grease Capacity w/Barrel B Cartridge/Bulk: 450/570 g 120 cm (47-1/4") w/Barrel A: 411x114x245 mm (16-1/4"x4-1/2"x9-5/8") w/ Barrel B: 449x114x245 mm (17-3/4"x4-1/2"x9-5/8") 4.8 - 6.1 kg (10.6 - 13.4 lbs.)

18V Shoulder Strap, Battery, Charger, Z: Battery and Charger are sold separately

94 **SPECIALITY TOOLS**

DTC100ZK (Close Type)

Closed type for precision cutting

Li-ion Ah 6.0 5.0 3.0 1.5

Cordless Cable Cutter



50 L/min 20 Pa (150 microns) 3,840 min⁻¹

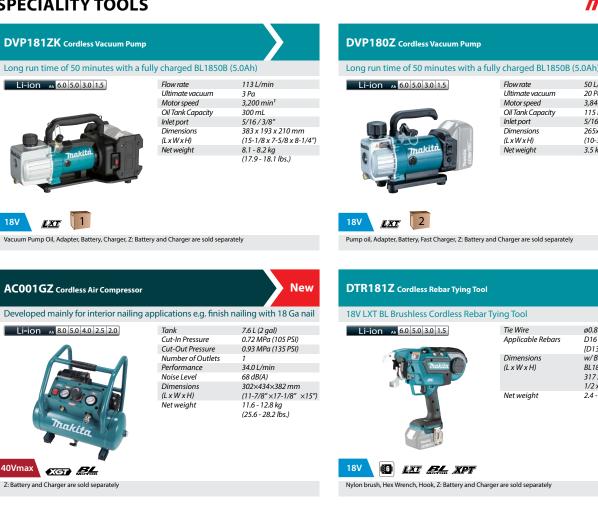
115 mL 5/16"

3.5 kg

ø0.8 mm

265x93x175 mm

(10-3/8"x3-5/8"x6-7/8")





Flow rate

Inlet port

. Dimensions

 $(L \times W \times H)$

Net weight

Tie Wire

Ultimate vacuum

. Oil Tank Capacity

Motor speed

600V-IV: 500mm² single-core (35mm (1-3/8)) 600V-VVR. (1-5/0)), 0000-000. 150mm² triple-core (47mm (1-7/8)) Dimensions $(L \times W \times H)$ w/BL1830B/BL1850B/ BL1860B: 116 x 197 x 363 mm (4-9/16 x 7-3/4 x 14-1/4") 2.9 kg (6.4 lbs.) Net weight 18V Blade, Z: Battery and Charger are sold separately

Max. cutting diameter Max cable cutting

capacity

DTC101ZK (Open Type) New less Cable Cutt Open type for easy cutting of cable at desired position Li-ion Ab 6.0 5.0 3.0 1.5 Max. cuttina diameter 50 mm (2") Max cable cutting 600V-CV: 500mm² single-core (38mm (1-1/2)), 6600V-CV: capacity 500mm² single-core (45mm (1-3/4)), 600V-IV: 500mm² single-core (35mm (1-3/8)), 600V-VVR: 150mm² triple-core (47mm (1-7/8)) w/BL1830B / BL1850B / Dimensions $(I \times W \times H)$ BI 1860B. 116 x 190 x 430 mm (4-9/16 x 7-1/2 x 17") Net weight 3.6 kg (7.9 lbs.) 18V Blade, Z: Battery and Charger are sold separately

DTM52RTJX2 / Z Cordless Multi Tool

Li-ion Ah 6.0 5.0 3.0 1.5

LXT 2

Li-ion Ab 6.0 5.0 3.0 1.5

New

50 mm (2") 1600V-CV: 500mm

sinale-core (38mm (1-1/2)), 6600V-CV: 500mm² single-core (45mm (1-3/4)).

Tool-less accessory clamp for quick installation and replacement



Oscillations Per Minute (OPM) Oscillation Anale Dimensions (LxWxH)



MAKID IXI BL AVT XPT 18V

Oscillating Multi Tool Accessories, Dust Attachment (country-specific), Tool Box (country-specific), Battery, Charger, Z: Battery and Charger are sold separately

Tnakita.

SPECIALITY TOOLS 95



96 **SPECIALITY TOOLS / MEASURING/LEVELING**





MEASURING/ LEVELING



PRODUCTS

SK10GDZ Rechargeable Green Mult	Line Laser		Green Laser		
Bright green laser for increased visibil	ity		Powered by the following 12	2V max slide CXT Li	
Li-ion Ab 5.0 4.0 2.0 1.5	Leveling Accuracy Self-Leveling Range Laser Fan Angle Laser Type Operating Temperature Protection class Operating Time Dimensions (L x W x H) Net Weight	±1 mm / 10 m ±4° Horizontal: 110° Vertical: 130° 4V1H/2V1H/1V1H Laser class 2: 515 nm -10-40 °C IP54 BL1016: 12 hours w/BL1016/BL102IB: 98x223 mm 1.4 - 1.6 kg (3.1 - 3.5 lbs)	SK40GD / SK10GD SK40GD - $ -$		
12Vmax CXI XPF 6 Laser detector, Laser Receiver Vise, Laser Viewing Gla DZ: Battery and Charger are sold separately SK40GDZ Rechargeable Green Mult		, Battery,	Leveling accuracy ± 1 mm / 1 0m SK700GD Rechargeable Green / Rec	Multi Line Laser	
Bright green laser for increased visibility			3 x full 360-degree lines for guick and easy setup		
Li-ion h 5.04.0 2.0 1.5	Leveling Accuracy Self-Leveling Range Laser Fan Angle Laser Type Operating Temperature Protection class Operating Time Dimensions (L x W x H) Net Weight	±1 mm / 10 m ±4° Horizontal: 110° Vertical: 130° 4V1H/2V1H/1V1H Laser class 2: 515 nm -10-40 °C IP54 BL1016: 6 hours w/ BL1016/BL1021B: 98x223 mm 1.4 - 1.6 kg (3.1 - 3.5 lbs)	Li-ion as 50 40 20 1.5	Leveling accuracy Self-leveling rang Laser type Operating Temperature Protection class Dimensions (Lx W x H)	
12Vmax (XT XPT) 6			12Vmax (XT XPT 7	Net weight	
Laser detector, Laser Receiver Vise, Laser Viewing Glass, Shoulder Strap, Storage Case, Battery, DZ: Battery and Charger are sold separately			Target Plate, Adapter, Soft Bag, DZ: Battery and Charger are sold separately		



 $\pm 2 \, mm / 10 \, m$

SK700GD: Laser class 2:

510 - 530 nm SK700D: Laser class 2: 630 - 645 nm -10 - 50℃

IP54 w/ BL1016/BL1021B:

149 x 104 x 153 mm (5-7/8 x 4-1/8 x 6")

w/ BL1041B: W/ BL 104 1B: 168 x 104 x 153 mm (6-5/8 x 4-1/8 x 6") 0.99 - 1.2 kg (2.2 - 2.7 lbs.)

MEASURING/LEVELING / COMFORT/LIFESTYLE 97

Thakita

6707

XGT

Thakita



COMFORT/ LIFESTYLE

PRODUCTS

CF003GZ 450mm (17-3/4") Cordle:	ss Fan	New	CF002GZ 330mm (13") Cordless Fan		
40Vmax XGT / 18V LXT Li-Ion Cordle	ss 450 mm (17-3/4″) Far	1	Increased max air velocity 240 m/min		
Li-ion m 80 5.0 4.0 2.5 2.0	Air velocity Air flow Fan diameter Fan head angle adjustment Automatic oscillation Continuous use (min.) w/o oscillation	96-300 m/min 38-120 m ³ /min 450 mm (17-3/4") Up: 90° / Down: 45° Left: 90° / Right: 90° Left: 60, 90, 120° Right: 60, 90, 120° w/ BL4040: 115 / w/ BL4080F: 230 /	Li-ion 🔉 8.0 5.0 4.0 2.5 2.0	Continuous Use (min.) w/o oscillation Continuous Use (min.) w/ oscillation Max Air Velocity Air Flow	w/ BL4040: Low / Mid / High: 1,020 / 640 / 320 w/ BL4040: Low / Mid / High: 970 / 610 / 305 High / Mid / Low: 240 / 170 / 120 m/min High / Mid / Low:
	Dimensions (L x W x H)	w/ BL 1860B: 90 w/o Battery: 312 x 633 x 770 mm (12-1/4 x 25 x 30-1/4″)		Noise level Fan Diameter Dimensions	21 / 15 / 10 m ³ /min 52 dB(A) 330 mm (13") w/ BL4040:
40Vmax 18V	Net weight	w/o Battery: 7.9 kg (17.4 lbs.)	40Vmax 🛃 🚛	(L x W x H) Net weight	277 x 439 x 602 mm 3.8 - 5.1 kg (8.4 - 11.2 lbs.)

AC Adaptor, Z: Battery and Charger are sold separately

AC Adaptor, Z: Battery and Charger are sold separately

98



7.5 - 20.9 kg (38.6 - 46.1 lbs.)



25.6 - 29.0 kg (56.4 - 63.9 lbs.)

Net weight

xar LXC ooto

Cigar Socket Cable, Z: Battery and Charger are sold separately

40Vmax 18V

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

XI LXI 🔤 Shoulder belt, AC adaptor, Cigar socket cable, Inner tray, Inner basket, Z: Battery and Charger are sold separately

Net weight

40Vmax 18V

Tnakita.

COMFORT/LIFESTYLE 99



COMFORT/LIFESTYLE



FM/AM:87.5-108 MHz/

 Profile: ADD/ SCINS-1 / AVRCP'

 Supported Codec: SBC

 Max Transmission Range:

 10 m (33 ft)

 w/Handle in Retracted Position:

 285 x 172 x 305 mm

 5.6 - 6.4 kg (12.3 - 14.1 lbs.)

FM / AM: 87.5 - 108 MHz /

Max Transmission Range

520 - 1 710 kHz

Version: 4.2

(Optimum): 30 m (98 ft)

Woofer: Ø89 mm x2

285x185x305 mm (11-1/4"x7-1/4"x12")

FM: 87.5-108 MHz

FM: 87.5-108 MHz Ø57 mm Flashlight: 1,000/500, Lantern: Daylight white 145/72, Neutral white 140/70, Warm white 130/65

140/70, Warm white 130/65 Flashlight: 200/100, Lantern: Daylight white 310/155, Neutral white 300/150, Warm white 260/130 Version: 5.0, Profile: A2DP, SCMS-T, AVRCP, Supported Coder: SPC

Supported Codec: SBC, Max Transmission Range

Flashlight*

Daylight white single LED

 Brightness settings (2 stages)

USB output port*

*MR010G / DMR057 only

With USB output switch

• With Auto-off function • Type A, 1 port, DC5V/ 2.4A

(Optimum): 10 m (33 ft) w/o Battery: 126 x 127 x 240 mm (5 x 5 x 9-1/2") 1.6 - 2.2 kg (3.5 - 4.9 lbs.)

4.4 kg (9.7 lbs.)

2

Sides: Dia 635 mm x2 Sides: Did. 65.3 fillf1x2 Bottom: Dia. 101.6 mm 40Vmax: 5 W x2 + 25 W/18V: 5 W x2 + 25 W/14.4V: 3 W x2 + 15 W/12Vmax: 2 W x2 + 10 W

522-1710kHz

Version: 5.0 Profile: A2DP / SCMS-T / AVRCP

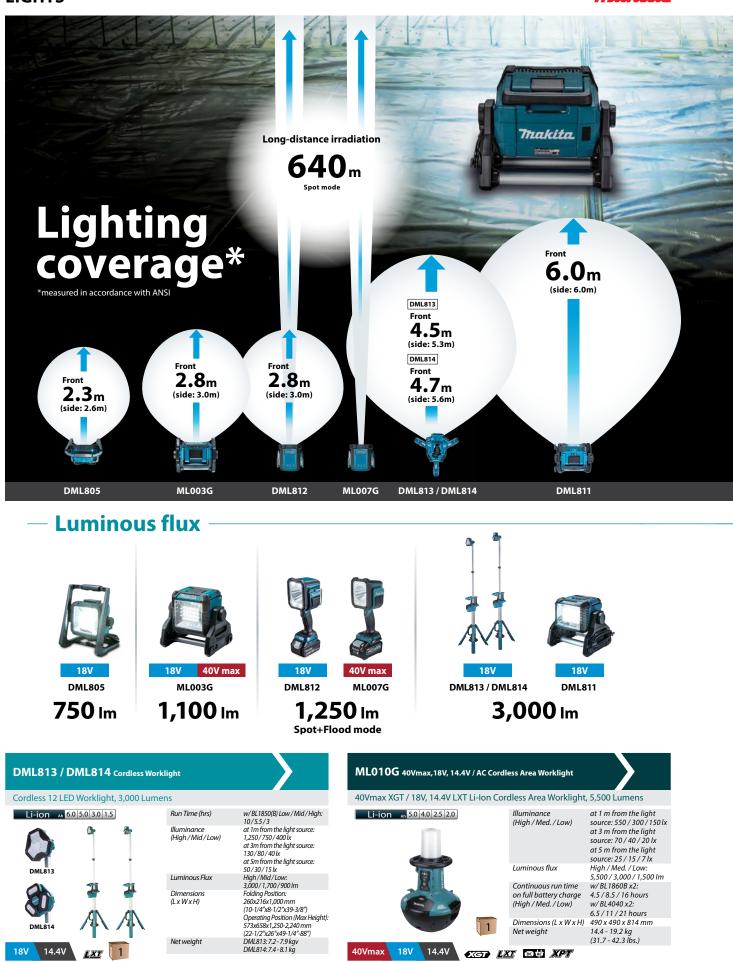








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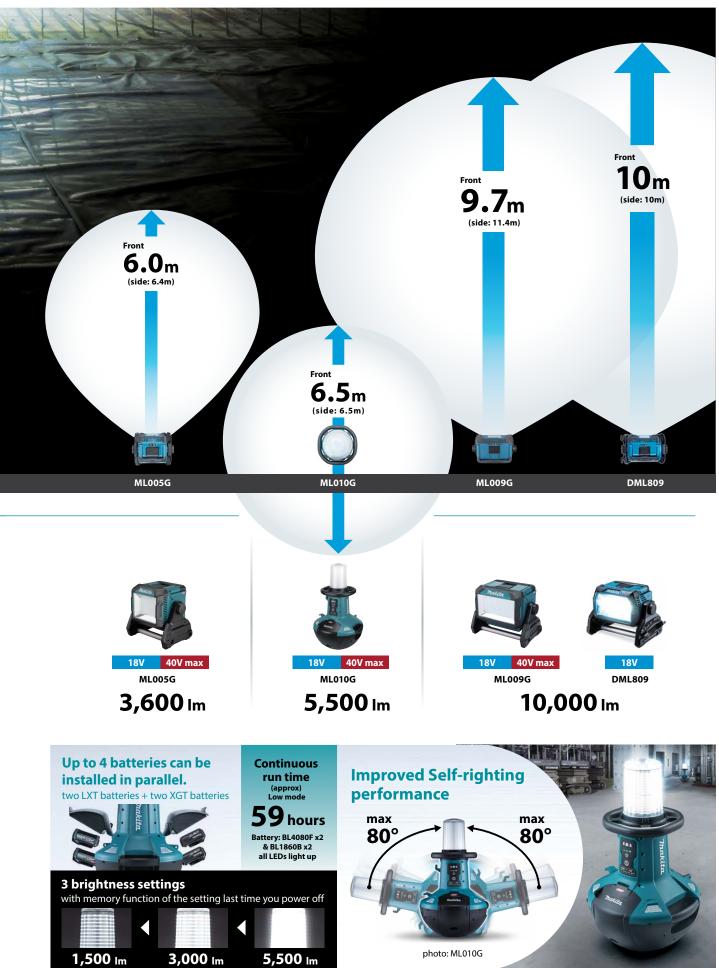


Shoulder Belt. Battery and Charger are sold separately

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

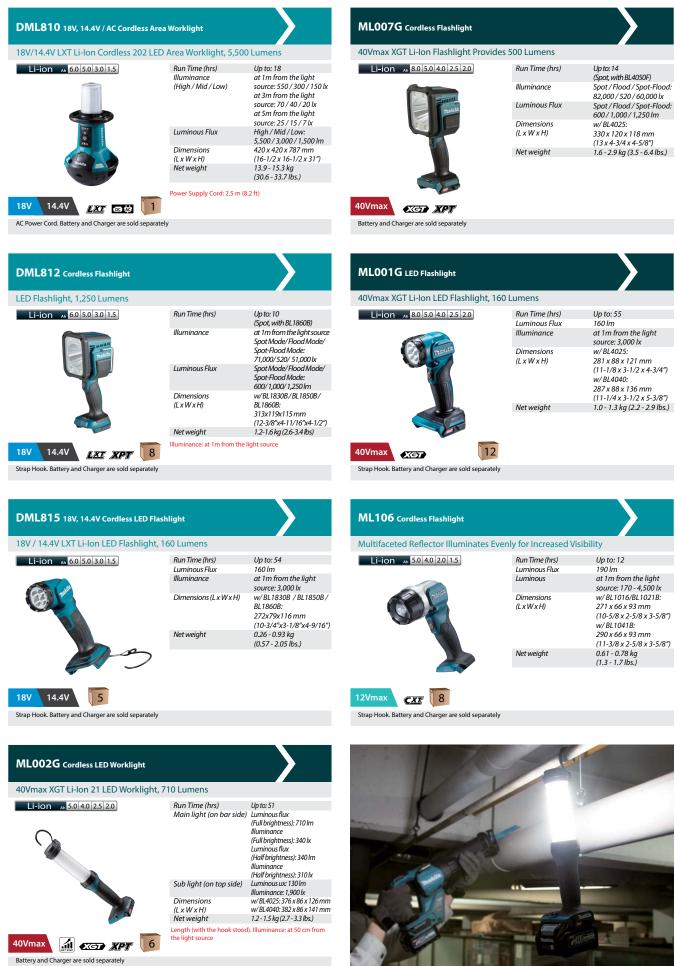
AC power cord. Battery and Charger are sold separately





¹⁰⁴ LIGHTS



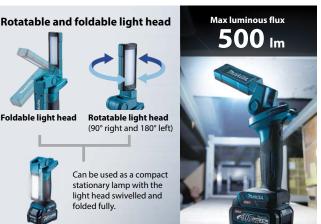




Net weight

(10-7/8 - 16 x 3-3/8 x 5-7/8")

1.1 - 1.7 kg (2.4 - 3.8 lbs.)



DML816 Cordless Flashlight

14.4V

18V

18V LXT Li-Ion Flashlight Provides 500 Lumens



LXT XPT

Shoulder hook set, Lamp shade, Battery and Charger are sold separately

Run Time (hrs) Illuminance (at 0.5m from the light source) Luminous Flux Dimensions $(L \times W \times H)$ Net weight

Up to: 75 . (Low mode with BI 1860B) High/Medium/Low: 800/400/180 lx High/Medium/Low: 500/250/100 lm w/BL1830B/ BL1850B/BL1860B: 267 - 400 x 79 x 127 mm (10-1/2 - 15-3/4 x 3-1/8 x 5") 0.70 - 1.1 kg (1.5 - 2.4 lbs.)



Shoulder hook set, Lamp shade, Battery and Charger are sold separately



Illuminance

Luminous flux

Run time (hrs)

Dimensions

 $(L \times W \times H)$ Net weight

source)

(at 0.5 m from the light

240/190/190Ix

Sidelighting +

28, w/ BL1860B, at 150 lm: 49 w/o Battery: 107 x 77 x 50 mm

0.21 kg (0.46 lbs.)

ML011G Cordless Worklight 40Vmax XGT Li-Ion Cordless Worklight, 300 Lumens Illuminance Sidelighting + Uplighting / Sidelighting Li-ion Ah 5.0 4.0 2.5 2.0 (at 0.5 m from the light source) only / Uplighting only: 240 / 190 / 190 lx Sidelighting + Uplighting / Sidelighting Luminous flux only / Uplighting only: 300 / 150 / 150 lm makita Run time (hrs) w/BL4040, at 300 lm: 37, w/ BL4040, at 150 lm: 64 Dimensions w/o Battery: (LxWxH) 107 x 77 x 50 mm Net weight 0.19 kg (0.42 lbs.)

40Vmax exer USB Warm color cover, Battery and Charger are sold separately



Warm color cover, Battery and Charger are sold separately

18V 14.4V <u>LXT</u> USB Warm color cover, Battery and Charger are sold separately

DML817 Cordless Worklight

Li-ion Ah 6.0 5.0 3.0 1.5

18V/14.4V LXT Li-Ion Cordless Worklight, 300 Lumens

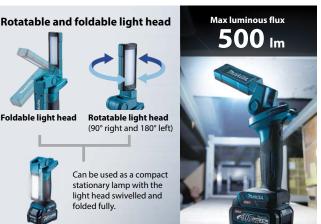
makita



Net weight

(10-7/8 - 16 x 3-3/8 x 5-7/8")

1.1 - 1.7 kg (2.4 - 3.8 lbs.)



DML816 Cordless Flashlight

14.4V

18V

18V LXT Li-Ion Flashlight Provides 500 Lumens



LXT XPT

Shoulder hook set, Lamp shade, Battery and Charger are sold separately

Run Time (hrs) Illuminance (at 0.5m from the light source) Luminous Flux Dimensions $(L \times W \times H)$ Net weight

Up to: 75 . (Low mode with BI 1860B) High/Medium/Low: 800/400/180 lx High/Medium/Low: 500/250/100 lm w/BL1830B/ BL1850B/BL1860B: 267 - 400 x 79 x 127 mm (10-1/2 - 15-3/4 x 3-1/8 x 5") 0.70 - 1.1 kg (1.5 - 2.4 lbs.)



Shoulder hook set, Lamp shade, Battery and Charger are sold separately



Illuminance

Luminous flux

Run time (hrs)

Dimensions

 $(L \times W \times H)$ Net weight

source)

(at 0.5 m from the light

240/190/190Ix

Sidelighting +

28, w/ BL1860B, at 150 lm: 49 w/o Battery: 107 x 77 x 50 mm

0.21 kg (0.46 lbs.)

ML011G Cordless Worklight 40Vmax XGT Li-Ion Cordless Worklight, 300 Lumens Illuminance Sidelighting + Uplighting / Sidelighting Li-ion Ah 5.0 4.0 2.5 2.0 (at 0.5 m from the light source) only / Uplighting only: 240 / 190 / 190 lx Sidelighting + Uplighting / Sidelighting Luminous flux only / Uplighting only: 300 / 150 / 150 lm makita Run time (hrs) w/BL4040, at 300 lm: 37, w/ BL4040, at 150 lm: 64 Dimensions w/o Battery: (LxWxH) 107 x 77 x 50 mm Net weight 0.19 kg (0.42 lbs.)

40Vmax exer USB Warm color cover, Battery and Charger are sold separately



Warm color cover, Battery and Charger are sold separately

18V 14.4V <u>LXT</u> USB Warm color cover, Battery and Charger are sold separately

DML817 Cordless Worklight

Li-ion Ah 6.0 5.0 3.0 1.5

18V/14.4V LXT Li-Ion Cordless Worklight, 300 Lumens

makita

As a charger for smartphones, tablets and more







Number of times iPhoneXR can be recharged on a single full battery charge

BL4020 (2.0Ah): 2.8 BL4025 (2.5Ah): 3.5 BL4040 (4.0Ah): 5.6 BL4050F (5.0Ah): 7.0

USB output port

ON-OFF switch

• enables to charge two mobile devices at the same time • Type A USB sockets for DC5V/ 2.1A (one port), 4.2A (two ports) USB output





1111





2 USB output ports with Caps provide 4.2A output for charging smart phones, tablets, etc.



Belt clip



Strap hole





12V max

Thakit

Strap hole











USB output port Type A USB port for DC5V/ 2.1A USB output

ADP06 12V max



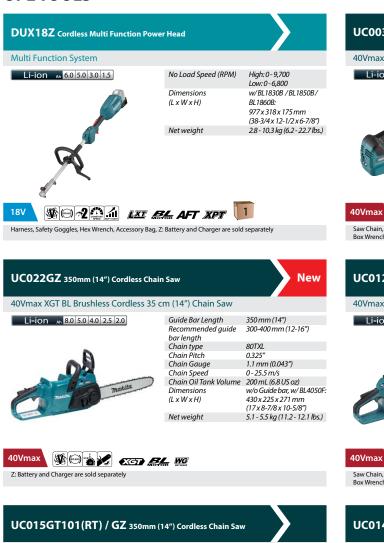
Thakita

OPE TOOLS

PRODUCTS







Guide Bar Length Chain Pitch

Chain Oil Tank Volume

Chain Gauae Chain Speed

350 mm (14") 3/8 1.1 mm (0.043")

0-24.7 m/s (0-1,482 m/min) (0-4.862 FPM)

230 mL (7.8 US oz) w/o Guide Bar : 446 x 233 x 274 mm

(17-1/2x9-1/8x10-3/4") 6.0-6.5 kg (13.2-14.4 lbs.)



Saw Chain, Guide Bar, Guide Bar Cover, Oil supply (country-specific), Round File (country-specific), Box Wrench, Battery, Charger, Z: Battery and Charger are sold separately

UC012GT101(RT) / GZ 400mm (1	16") Cordless Chain Sav			
40Vmax XGT BL Brushless Cordless Cha	in Saw			
Li-ion Ab 8.0 5.0 4.0 2.5 2.0	Guide Bar Length Chain Pitch	400 mm (16") 3/8"		
	Chain Gauge	1.1 mm (0.043")		
	Chain Speed	0-24.7 m/s (0-1,482 m/min) (0-4,862 FPM)		
	Chain Oil Tank Volume	230 mL (7.8 US oz)		
Trakita	Dimensions	w/o Guide Bar:		
2 2 This	(L x W x H)	446 x 233 x 274 mm		
	N=+	$(17-1/2 \times 9-1/8 \times 10-3/4'')$		
	Net weight	6.0 - 6.5 kg (13.2 - 14.4 lbs.)		
Saw Chain, Guide Bar, Guide Bar Cover, Oil supply (cour Box Wrench, Battery, Charger, Z: Battery and Charger ar UC014GT101(RT) / GZ 300mm (1	e sold separately			
40Vmax XGT BL Brushless Cordless Cha	in Saw			
Li-ion Ab 8.0 5.0 4.0 2.5 2.0	Guide Bar Length	300 mm (12")		
	Chain Pitch	3/8″		
	Chain Gauge	1.1 mm (0.043")		
	Chain Speed	0-24.7 m/s (0-1,482 m/min)		
		(0 - 4,862 FPM)		
	Chain Oil Tank Volume			
Trakila	Dimensions	w/o Guide Bar		
	(L x W x H)	:446 x 233 x 274 mm		
mailta	N	(17-1/2x9-1/8x10-3/4")		
40Vmax	Net weight	6.0-6.5 kg (13.2-14.4 lbs.)		



40Vmax 1

40Vmax XGT BL Brushless Cordless Chain Saw

Li-ion Ah 8.0 5.0 4.0 2.5 2.0

Saw Chain, Guide Bar, Guide Bar Cover, Oil supply (country-specific), Round File (country-specific), Box Wrench, Battery, Charger, Z: Battery and Charger are sold separately



Saw Chain, Guide Bar, Guide Bar Cover, Chain oil 100mL, Z: Battery and Charger are sold separately



Saw Chain, Guide Bar, Guide Bar Cover, Oil supply (country-specific), Round File (country-specific), Box Wrench, Battery, Charger, Z: Battery and Charger are sold separately

High efficiency equivalent to 30mL class engine chain saws



Guide Bar Length 350 mm (14") Chain Pitch / Chain Gauae Chain Speed Chain Oil Tank Volume Sound Power Level Dimensions (LxWxH) Net weight



) 🕸 🖓 🍓 🗶 💵 💻 xpt 川 18V x2 Saw Chain, Guide Bar, Guide Bar Cover, Chain oil 100mL, Wrench, Z: Battery and Charger are sold separately

OPE TOOLS





Saw Chain, Guide Bar, Guide Bar Cover, Wrench, Accessory Bag, Z: Battery and Charger are sold separately

Me AN LXI BL XPT 3





Saw chain, Guide bar, Guide bar case, Round file (country-specific), Chain oil (country-specific), Battery, Charger, Z: Battery and Charger are sold separately



UC100DZ 100mm (4") Cordless Pruning Saw

Easy-to-use, compact product enables easy pruning of garden or orchard trees Easy-to-use, compact product enables easy pruning of garden or orchard trees Guide bar length 150 mm (6") Li-ion Ab 5.0 4.0 2.0 1.5 Saw chain Type: 80TXL Pitch: 0 325" m (0.043") n/min)

New



Li-ion Ah 6.0 5.0 3.0 1.5

DUC150Z 150mm (6") Cordless Pruning Saw

18V

	FILCH. 0.323
	Gauge: 1.1 mm (0.043")
Chain speed	8.0 m/s (480 m/min)
	(1,570 FPM)
Max cutting length	161 mm
Chain oil tank volume	55 mL (1.9 USoz)
Dimensions	w/BL1830B/BL1850B/
(LxWxH)	BL1860B:
	459 x 90 x 249 mm
	(18 x 3-1/2 x 9-3/4")
Net weight	1.7-2.0 kg (3.7-4.4 lbs.)

18V 🖂 💧 LXT BL XPT

Saw chain, Guide bar, Guide bar case, Round file (country-specific), Chain oil (country-specific), Battery, Charger, Z: Battery and Charger are sold separately

Lightweight yet easy-to-use



Net weight 12Vmax 🖂 🚡 CXI BL XPT

Saw chain, Guide bar, Guide bar cover, Round file (country-specific), Chain oil (country-specific), Battery, Charger, DZ: Battery and Charger are sold separately

Guide bar length

Saw chain

Chain speed

Dimensions

 $(I \times W \times H)$

Chain oil tank volume

100 mm (4")

Type: 80TXL Pitch: 0.325" Gauge: 1.1 mm (0.043")

8.0 m/s (480 m/min) (1,570 FPM)

55 mL (1.9 USoz)

350 x 90 x 215 mm

(13-3/4 x 3-1/2 x 8-1/2") w/ BL1041B: 398 x 90 x 226 mm

(15-5/8 x 3-1/2 x 8-7/8") 1.5-1.6 kg (3.3-3.5 lbs.)

w/o Battery

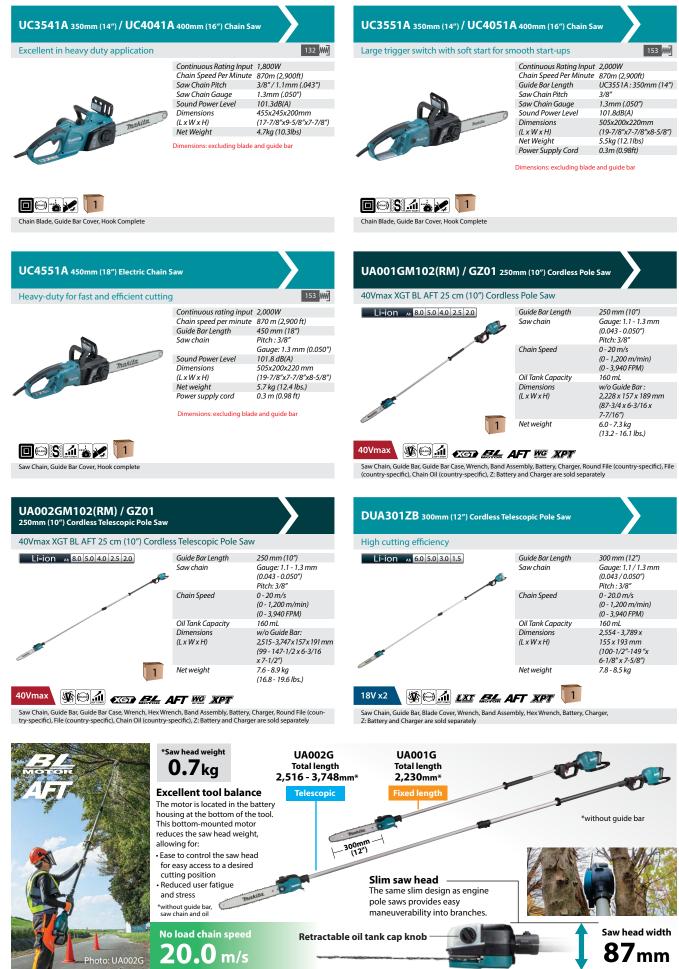


Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

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¹¹⁰ OPE TOOLS





111 OPE TOOLS







Max load on flat ground (0 - 3 degrees)

capacity

Traveling

distance

300 kg

on slope (3 - 12 degrees)

180 kg

• The electric lift is limited to use on a flat ground, therefore, the machine is equipped with a level gauge to check the leveling of the machine.

Loading platform size: 965 x 645 mm (L x W)

Hand

brake lever

by locking this lever.

Brake for speed reduction

while driving the wheelbarrow Can be used as a parking brake

1

 Reduces workload when dumping soil and other materials on the ground that are too heavy to lift manually.



[Tilts electrically up to 75°] (Tilts to 75° in approx. 30 seconds.) The electric dump is limited to use on a flat ground, therefore, the machine is equipped with a level gauge to check the leveling of the machine. 110



[Can be manually tilted for more than 75°]

Electric brake plus Electromagnetic brake 2 **Electric brake** Electric brake

- You can minimize the chance of load collapse by releasing the switch trigger to activate soft electric brake.
- Powerful electromagnetic brake is activated to keep the motor braked when the driving speed decreases almost to 0km.



OPE TOOLS

18V x2

Z: Battery and Charger are sold separately



750 mm (29-1/2")

w/BL4020/BL4025: 1,225 x 270 x 135 mm

4.0 - 4.7 kg (8.8 - 10.4 lbs.)

750 mm (29-1/2")

23.5 mm (15/16")

80.6 dB(A)

91.6 dB (A)

0 - 2,000 1,198x280x147 mm

2.5 m/s2 or less

High / Med / Low: 0 - 4,400 / 0 - 3,600 /

(47-1/4"x11"x5-3/4") 4.1 kg (9.0 lbs.)

w/ RI 4040 1,225 x 270 x 150 mm

w/ BI 4050F 1,225 x 270 x 168 mm

1

18 mm (11/16")

Hiah/Mid/Low 5,000/3,600/2,000 w/o Battery: 1,225 x 270 x 135 mm

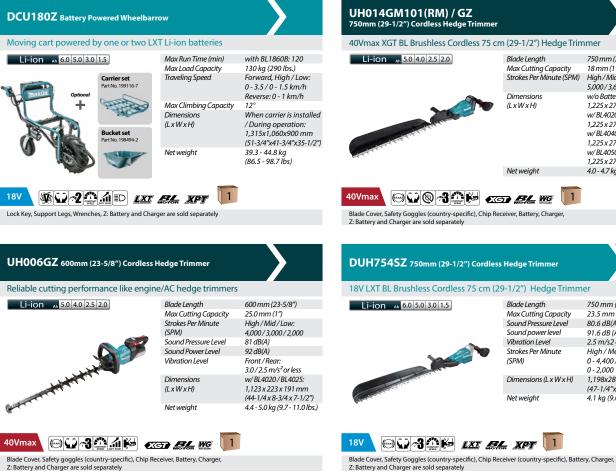


Net weight



Z: Battery and Charger are sold separately





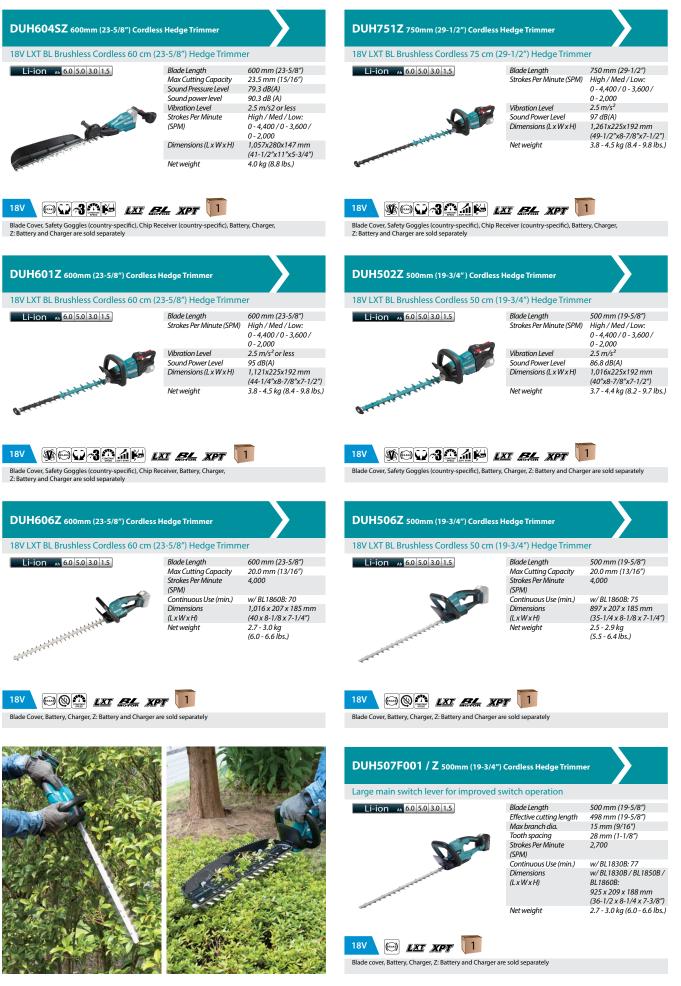
32-1/4") 104 - 106 ka

1

(229 - 234 lbs.)

Tnakita.

OPE TOOLS 113







OPE TOOLS 115

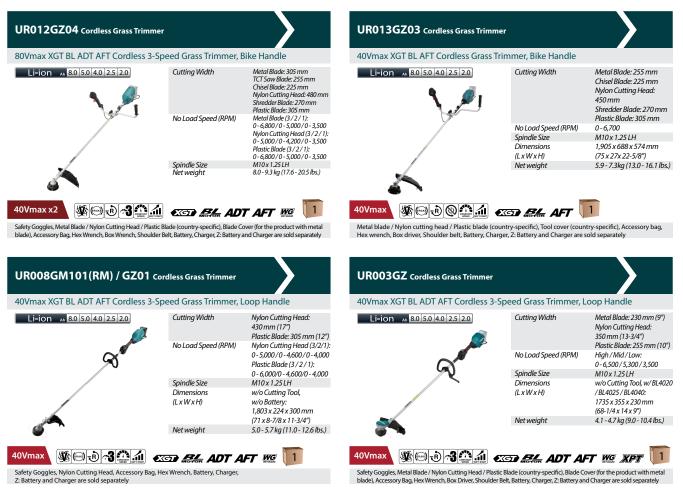


Tool-less blade change system

Grass shear blade can be removed / installed without tool.

Hedge trimmer blade can be removed / installed by using a coin to loosen / tighten two screws.







kq

photo: UR017G

Metal Blade: 255 mm (10")

430 mm (17") Plastic Blade: 305 mm (12")

(72-1/2″x15-3/4″x10-5/8″)

5.8-6.4 kg (12.8-14.1 lbs.)

Trimmer Head

High/Med/Low: 3.300-7.000/5.500/4.600

1.846x400x269 mm

Trimmer Head: 300 mm (11-3/4")

Plastic Blade

255 mm (10"))

High / Mid / Low / ADT Mode: 6,000 / 5,000 /

4.000/4.000-6.000 M8 x 1.25 RH

Nylon Cutting Head,

3 - 3.3 kg (6.6 - 7.3 lbs.)

BL1860B: 168

Plastic Blade

BL1860B: 219

Trimmer Head:

7.800

260 mm (10-1/4″)

w/ BL1830B: 45 1,194 - 1,384 x

(47 - 54-1/2 x 10-5/8 x

14-5/8") 2.4 - 2.7 kg (5.3 - 6.0 lbs.)

271 x 372 mm

M10 x 1.25 LH

Grass tangle removing function

from cutting head

Cutting Width

Spindle Size

Dimensions

(L x W x H)

Net weight

Cutting Width

Spindle Size

Net weight

Cutting Width

Dimensions

(L x W x H)

Net weiaht

No Load Speed (RPM)

Max Run Time (min)

No Load Speed (RPM)

. Max Run Time (min)

No Load Speed (RPM)

Reverse switch for clearing entangled weeds and grass

Lightweight design

with battery BL4050 without Cutting tool and Shoulder strap



Safety Goggles (country-specific), Shoulder Belt, Nylon Cutting Head, Metal Blade / Nylon Cutting Head / Plastic Blade (country-specific), Hex Wrench, Box Driver, Accessory Bag, Battery, Charger, Z: Battery and Charger are sold separately

Safety Goggles (country-specific), Shoulder Belt, Nylon Cutting Head, Metal Blade / Nylon Cutting Head / Plastic Blade (country-specific), Hex Wrench, Box Driver, Accessory Bag, Battery, Charger, Z: Battery and Charger are sold separately

OPE TOOLS 117









Blade, Mulching plug, Socket wrench, Rod, Discharge chute, Battery, Charger, Z: Battery and Charger are sold separately

Blade, Mulching plug, Socket wrench, Rod, Discharge chute, Battery, Charger Z: Battery and Charger are sold separately





Tnakita.

OPE TOOLS 119



120 OPE TOOLS

Trakita.



OPE TOOLS 121





Vertical cutter

Aeration applications Able to perform both thatching and vertical cutting to cut through runners and roots



Highly durable vertical cutter

Blunt angled blade tip slows blade wear to minimize the reduction in working depth.
The slow wear reduces blade change frequency and running cost.

Low vibration

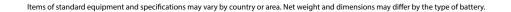
The blades of Vertical cutter are arranged symmetrically about the left-right center line of the rotary blade shaft to provide balanced rotation for reduced vibration.

Actual mowing area on full battery charge With two BL4080F batteries



Vertical cutting Effect obtained at different working depth settings +5 mm Cutting through laterally shallov growing lawn grasses for better looking lawn Removing layers of lawn clippings, generated moss, etc. Cutting through runners and roots for healthy growth of lawn -12 Standing 9 Loosening compacted hard deep mm stem surface layer of soil 3 Thatch 18 stage (in 1mm increments) 4 Dial style working depth adjustment Fine adjustment of working depth can be made by operating a dial, allowing for adjustment of working depth to suit the environment for lawn growth and wear of blade. **Thatching blade** For thatching only Easy blade change For removing deposited lawn clippings, generated moss, etc. Easy two bolt

remova



122 OPE TOOLS



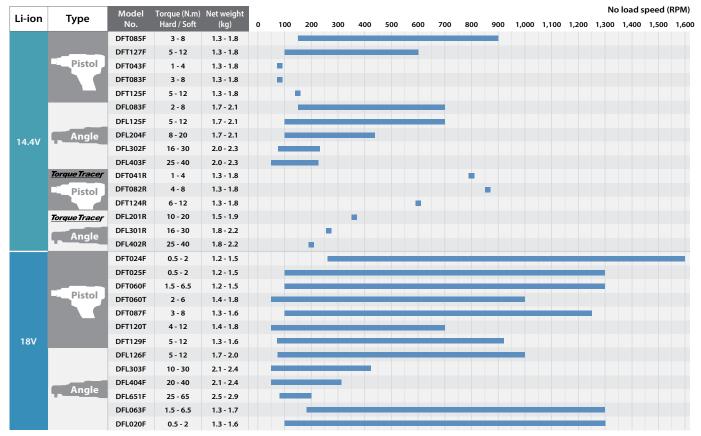


OPE TOOLS 123



CORDLESS TOOLS FOR INDUSTRY

Screwdriver, Angle Screwdriver



Impact Driver, Impact Wrench

Torque (N.m)

Thakita

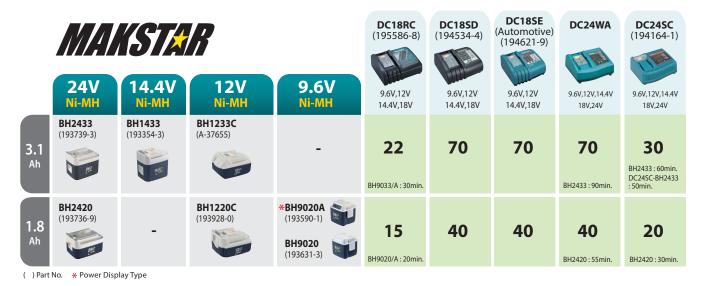
Li-ion	Model	Net weight																				Tore	que (N	√.m)
LI-ION	No.	(kg))	10	20	30 ₃₅ 40	50	60 ₆₅ 70	80	90 ₉₅ 100	110	120	130 ₁₃₅ 140	150	160	170	180 ₁₈₅ 190	200	210	220	230	240	250	260
10.8V	TD091D	0.86																						
12Vmax	TD112D	0.99 - 1.2																						
	DTDA040	1.1 - 1.4																						
	DTDA070	1.1 - 1.4																						
	DTDA100	1.2 - 1.5																						
	DTDA140	1.2 - 1.5																						
	DTD043	1.0 - 1.2																						
	DTD044	1.1 - 1.3				_																		
	DTD063	1.0 - 1.3																						
	DTD064	1.1 - 1.3																						
	DTD103	1.0 - 1.3																						
14.4V	DTD104	1.1 - 1.3																						
	DTWA070	1.1 - 1.4																						
	DTWA100	1.2 - 1.5																						
	DTWA140	1.2 - 1.5																						
	DTWA190	1.3 - 1.6																						
	DTWA260	1.9																						
	DTW073	1.3 - 1.6																						
	DTW074	1.1 - 1.3																						
	DTW103	1.0 - 1.3			-		-		-															
	DTW104	1.1 - 1.3																						

Tnakita.

CORDLESS TOOLS FOR INDUSTRY

Battery & Charger Time Reference Chart (in Minutes)

	14.4V	DC18RC (195586-8) 9.6V,12V 14.4V,18V	DC18SD (194534-4) 9.6V,12V 14.4V,18V	DC18SE (Automotive) (194621-9) 9.6V,12V 14.4V,18V	DC24SC (194164-1) 9.6V,12V 14.4V,18V,24V
6.0 _{Ah}	BL1460A (632G42-4)	Fast Charging) 55 min.	130 min.	130 min.	75 min.
4.0	BL1440	36	90	90	-
Ah	(196388-5)	min.	min.	min.	
3.0	BL1430A	22	60	60	-
_{Ah}	(194359-6)	min.	min.	min.	
3.0	BL1430B	22	60	60	-
Ah	(197615-3)	min.	min.	min.	
1.5	BL1415NA	15	30	30	20
_{Ah}	(196280-5)	min.	min.	min.	min.



DFT023FNZ / DFT045FNZ Cordless Screwdriver DFT024FNZ Cordless Screwdriver 14.4V LXT BL Brushless Programmable Cordless 2 N·m (18 In.Lbs.) Screwdriver 18V LXT BL Brushless Programmable Cordless Screwdriver Li-ion Ab 6.0 5.0 3.0 1.5 Driving Shank (Hex) 6.35 mm (1/4") Li-ion Ab 6.0 5.0 3.0 1.5 Driving Shank (Hex) 6.35 mm (1/4") 400 - 1,300 / 150 - 900 Hard / Soft: 260 - 1,600 Hard / Soft: No Load Speed (RPM) No Load Speed (RPM) Fastening Torque Fastening Torque 0.5 - 2 / 0.5 - 2 N·m (4 - 18 / 4 - 18 in.lbs.) DFT023FNZ:0.5-2/0.5-2 N·m (4 - 18/4 - 18 in.lbs.) DFT045FNZ: 1 - 4/1 - 4 N·m (9 - 35/9 - 35 in.lbs.) Dimensions w/BL1830B/BL1840B/ BL1850B/BL1860B: $(L \times W \times H)$ Sound Pressure Level 70 dB(A) or less 159x72x232 mm 161 x 75 x 258 mm (6-3/8 x 2-15/16 x Dimensions (6-1/4"x2-13/16"x9-1/8") 1.1 - 1.3 kg (2.4 - 2.9 lbs.) 10-1/8") 1.2 - 1.5 kg (2.6 - 3.3 lbs.) $(L \times W \times H)$ Net weight Net weight 14.4V 🚳 📾 🖓 🏠 🗊 🔝 👪 18V Torque Adjust Tool (country-specific), USB Cable (country-specific), Z: Battery and Charger are sold separately Adjust Grip (country-specific), USB Cable, Z: Battery and Charger are sold separately

CORDLESS TOOLS FOR INDUSTRY





Torque Adjust Tool (country-specific), USB Cable (country-specific), Z: Battery and Charger are sold separately





Adjust Grip (country-specific), USB Cable, Z: Battery and Charger are sold separately

Torque adjust tool (country-specific), USB cable (country-specific), Protector (country-specific), Z: Battery and Charger are sold separately

Li-ion14.4V Cordless Screw Driver

Auto-stop system and on-off switch with delayed restarter

Prevent defective on production and keep quality



When a battery is discharged, indication lamp and beeper start warning and then the motor stops automatically

The tool remains still for 1 second after fastening is completed.

Indication Lamp & Beeper Warn and prevent errors on production.



High Power Motor

•Equipped with high power motor •Easy to change an armature and carbon brush for high maintenance



- Rigid Body
 Optimum Charging System
 Ergonomic Grip
 High accuracy
- LED job light ON-OFF Switch with delayed restarter and soft start function Torque indication plate

Thakita

127 CORDLESS TOOLS FOR INDUSTRY







14.4V LXT BL Brushless Cordless Angle Screwdriver

Li-ion Ab 6.0 5.0 3.0 1.5



Driving Shank (Square)	9.5 mm (3/8″)
No Load Speed (RPM)	70 - 230 / 50 - 220
Fastening Torque	Hard / Soft:
	16 - 30 / 16 - 30 N·m(142
	- 266 / 142 - 266 in.lbs.)
Dimensions	518x74x98 mm
(L x W x H)	(20-3/8"x2-15/16"x3-7/8")
Head Height	35 mm (1-3/8")
Center Height	18.5 mm (3/4″)
Net weight	2.0 - 2.3 kg (4.4 - 5.2 lbs.)



Adjust Grip (country-specific), Protector (country-specific), USB Cable, Z: Battery and Charger are sold separately





DFL402FZ Cordless Angle Screwdriver

Z: Battery and Charger are sold separately

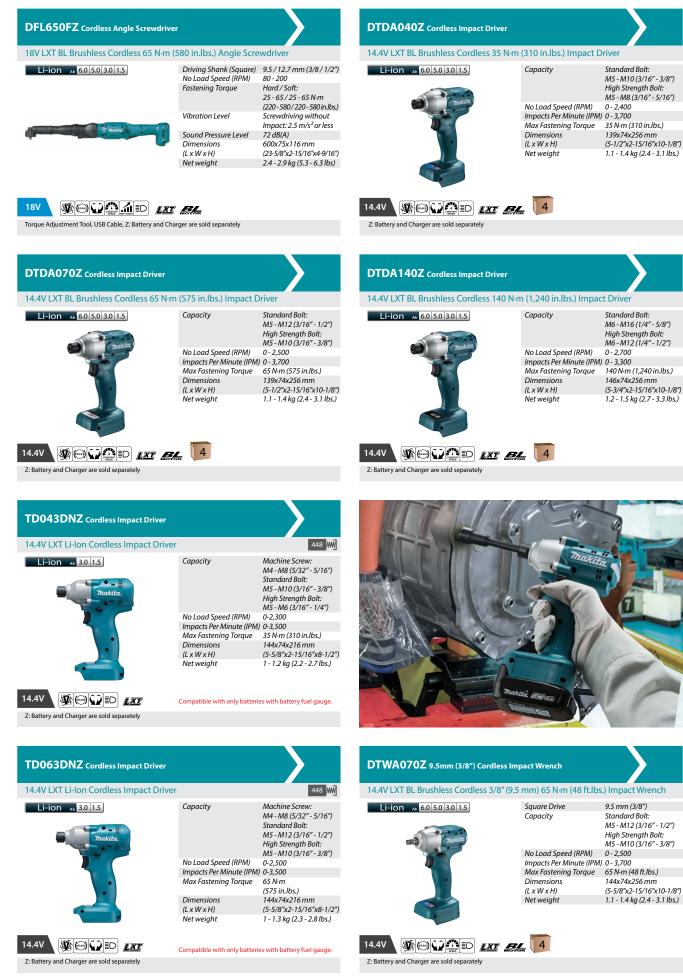
DFL083FZ Cordless Angle Screwdriver

Li-ion Ab 6.0 5.0 3.0 1.5

Li-ion Ah 6.0 5.0 3.0 1.5

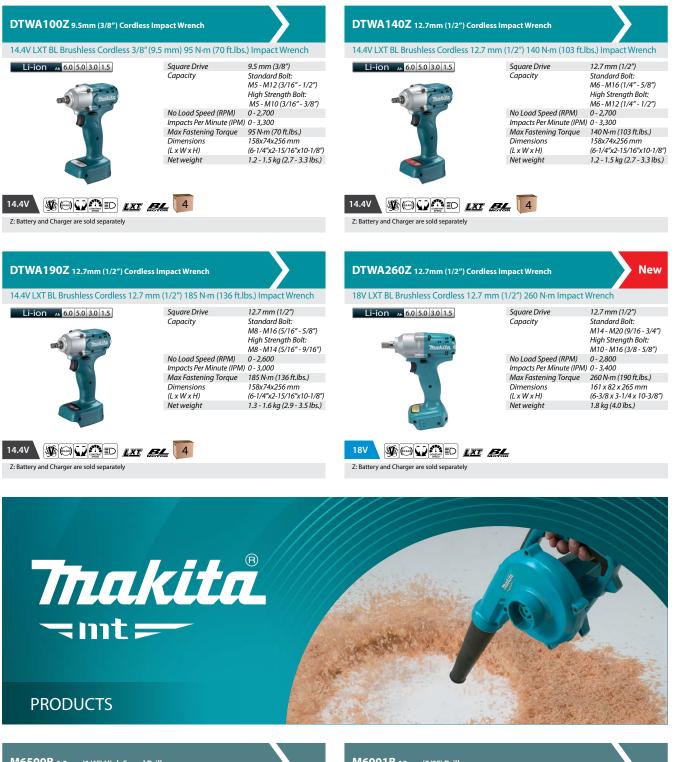
¹²⁸ CORDLESS TOOLS FOR INDUSTRY





Tnakita.

CORDLESS TOOLS FOR INDUSTRY / MT SERIES



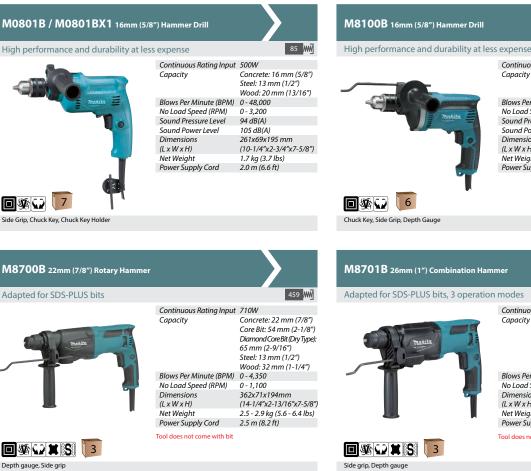


130 **MT SERIES**











3

Mixing Blade, Shaft, Top Grip, D-Handle, Wrenches

3

Side Handle, Depth Gauge, Chuck Key, Chuck Key Holder

M8103KX2B 13mm (1/2") Hammer Drill Ergonomically designed handle with Soft grip 85 MW Continuous Rating Input 430W Capacity Blows Per Minute (BPM) 0 - 33,000 No Load Speed (RPM) Sound Pressure Level 0 - 3.000 90 dB(A) Sound Power Level 101 dB(A) 255x72x193 mm Dimensions $(I \times W \times H)$

Concrete: 13 mm (1/2") Steel: 13 mm (1/2") Wood: 18 mm (11/16") (10"x2-13/16"x7-5/8") 1.8 kg (3.9 lbs) Net Weight Power Supply Cord 2.0 m (6.6 ft)

85 MW Continuous Rating Input 710W Concrete: 16 mm (5/8") Capacity Steel: 13 mm (1/2") Wood: 30 mm (1-3/16") Blows Per Minute (BPM) 0 - 48,000 No Load Speed (RPM) 0-3,200 Sound Pressure Level 98 dB(A) Sound Power Level 109 dB(A) Dimensions 296x77x202 mm $(L \times W \times H)$ (11-5/8"x3"x8") Net Weight Power Supply Cord

Continuous Ratina Input 800W

Capacity

2.1 kg (4.6 lbs.) 2.0 m (6.6 ft)

459 MW

Concrete: 26 mm (1")

Core Bit: 68 mm (2-11/16")

Diamond Core Bit (Dry Type):

80 mm (3-1/8") Steel: 13 mm (1/2") Wood: 32 mm (1-1/4") Blows Per Minute (BPM) 0 - 4,500 0 - 1.200 No Load Speed (RPM) Dimensions 362x71x194mm (14-1/4"x2-13/16"x7-5/8") $(L \times W \times H)$ Net Weight 2.7 - 3.1 kg (6.0 - 6.8 lbs) Power Supply Cord 2.5 m (8.2 ft) Tool does not come with bit 3 Side grip, Depth gauge



132 **MT SERIES**



115 mm (4-1/2") 11,000

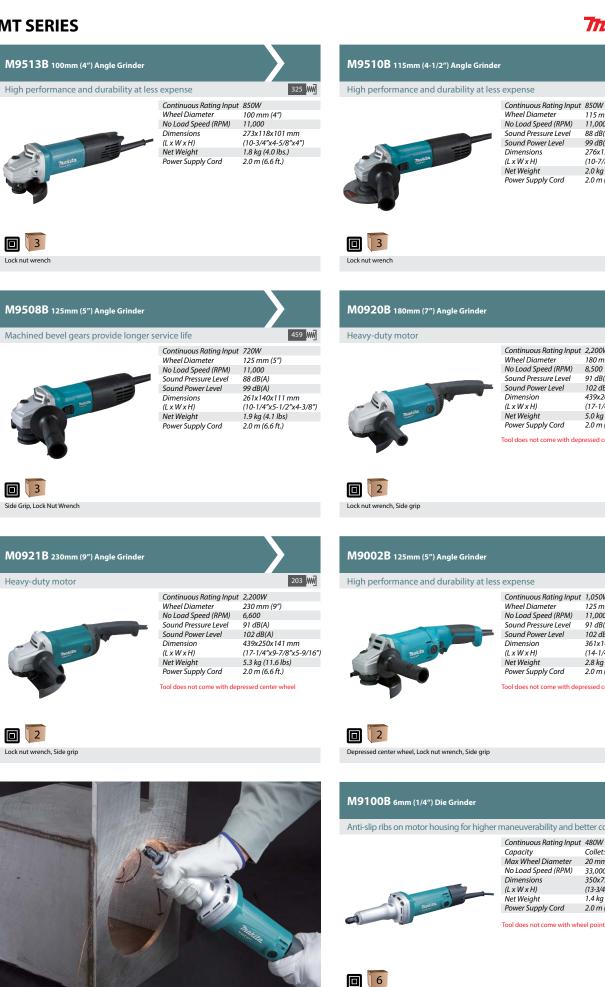
2.0 kg (4.5 lbs)

2.0 m (6.6 ft.)

276x130x111 mm (10-7/8"x5-1/8"x4-3/8")

88 dB(A)

99 dB(A)



203 Continuous Rating Input 2,200W 180 mm (7") Wheel Diameter No Load Speed (RPM) 8,500 Sound Pressure Level 91 dB(A) 102 dB(A) 439x200x141 mm Sound Power Level Dimension (17-1/4"x7-7/8"x5-9/16") 5.0 kg (11.0 lbs) (L x W x H) Net Weight Power Supply Cord 2.0 m (6.6 ft) Tool does not come with depressed center wheel

Continuous Rating Input1,050WWheel Diameter125 mmNo Load Speed (RPM)11,000Sound Pressure Level91 dB(A) . 125 mm (5") 102 dB(A) 361x140x124 mm Sound Power Level Dimension (L x W x H) Net Weight (14-1/4"x5-1/2"x4-7/8") 2.8 kg (6.1 lbs.) Power Supply Cord 2.0 m (6.6 ft.) Tool does not come with depressed center wheel

303



Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Wrenches 2, Tool does not come with wheel point

64 🛲

Wood: 65 mm (2-9/16")

Steel: 6 mm (1/4")

18 mm (11/16")

214x75x202 mm (8-3/8"x2-15/16"x8")

1.9 kg (4.1 lbs) 2.0 m (6.6 ft)

82 dB(A) 93 dB(A)

M5801B 185mm (7-1/4") Circular Saw

303 Well-balanced and Lightweight for superior handling and performance



2 Guide rule, Hex wrench, TCT saw blade





M4302B Jig Saw

450 W Top Handle Variable Speed Jig Saw



M3700B 6mm (1/4") Trimmer

4

Ergonomic slim body design for added comfort and control

Cor	ntinuous Rating Input	450W
Ма	x Cutting Capacity	Wood: 55 mm
at 9	00°	Steel: 6 mm (1
Len	gth of Stroke	26 mm (1")
Stro	okes Per Minute (SPM)	0 - 3,100
Sou	ind Power Level	99 dB(A)
Din	nensions	219x85x191 n
(L x	WxH)	(8-5/8"x3-3/8"
Net	Weight	2.5 kg (5.5 lbs.
Pov	ver Supply Cord	2.0 m (6.6 ft.)



x Cutting Capacity 90°	Wood: 55 mm (2-3/16") Steel: 6 mm (1/4")
gth of Stroke	26 mm (1")
okes Per Minute (SPM)	0 - 3,100
ind Power Level	99 dB(A)
nensions	219x85x191 mm
WxH)	(8-5/8"x3-3/8"x7-1/2")
Weight	2.5 kg (5.5 lbs.)
ver Supply Cord	2.0 m (6.6 ft.)

411 🛲

411 🛲

6 mm or 1/4"

82x90x199 mm

1.4 kg (3.1 lbs.)

2.0 m (6.6 ft.)

0 - 42 mm (0 - 1-5/8") 94 dB(A)

(3-1/4"x3-1/2"x7-7/8")

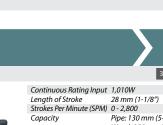
35.000



Jig Saw Blade Set, Hex Wrench

M4500B Recipro Saw

Screw-down blade clamp



Continuous Rating Input 450W

Length of Stroke 18 mm (1 Strokes Per Minute (SPM) 0 - 3,100

Max Cutting Capacity

Sound Pressure Level Sound Power Level

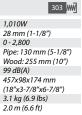
Dimensions

 $(L \times W \times H)$

Net Weiaht Power Supply Cord

at 90°









Straight Guide 1/4", Straight Bit, Wrenches 2

Trimmer Guide Assembly, Straight Guide Assembly, Template Guide, Straight Bit (Carbidge-Tipped), Wrenches 2

Items of standard equipment and specifications may vary by country or area. Net weight and dimensions may differ by the type of battery.

Continuous Rating Input 530W

Collet Capacity

Plunge Capacity

Dimension

 $(L \times W \times H)$

Net Weight

Sound Power Level

Power Supply Cord

No Load Speed (RPM)



Wrench, Dust Bag (Holders x2), Vise Assembly, Triangular Rule, Set Plate

Light duty model with continuous input 450W

M4301B Jig Saw

134 **MT SERIES**





Straight Guide, Guide Holder Assembly, Collet Sleeve (6mm or 1/4"), Collet Sleeve (8mm or 3/8"), Straight Bit,

M9204B 125mm (5") Random Orbit Sander Ergonomically designed palm grip for comfortable handling 419 🞹 Continu



	a . a
ous Rating Input	240W
2	123 mm (4-7/8″)
e Paper Size	125 mm (5")
Per Minute (OPM)	12,000
Per Minute (SPM)	24,000
iameter	2.8 mm (1/8")
Pressure Level	81 dB(A)
Power Level	92 dB(A)
ions	153x123x144 mm
H)	(6"x4-7/8"x5-5/8")
ight	1.2 kg (2.6 lbs)
upply Cord	2.0 m (6.6 ft)



M9200B Finishing Sander		
Extremely versatile sander		419
Truste	Continuous Rating Input Pad Size Abrasive Paper Size Orbits Per Minute (OPM) Sound Pressure Level Dimensions (L x W x H) Net Weight Power Supply Cord	112 x 102 mm (4-3/8" x 4") 114 x 140 mm (4-1/2" x 5-1/2")
Abrasive paper x6		

M4000B Blower In-line grip for higher maneuverability



Rating Input	
	1.2-2.9 m³/min
eed (RPM)	8,500 - 16,000
er Level	101 dB(A)
s	427x161x212 mm
	(16-3/4"x6-3/8"x8-3/8")
	1.5 kg (3.4 lbs)
oly Cord	2.0 m (6.6 ft)

85 MW



Nozzle assembly, Sash nozzle



Planer blade 82, Sharpening Holder Assembly (for unit with resharpenable blade only), Blade gauge assembly, Socket wrench 9, Guide Rule, Dressing stone

M9400B 100mm (4") Belt Sander				
High performance and durability at less	s expense	153 🔤		
	Continuous Rating Input Belt Size	940W 100 x 610 mm (4" x 24")		
	Belt Speed	380 m/min (1,250 ft/min)		
	Sound Pressure Level	87 dB(A)		
Litte	Sound Power Level	98 dB(A)		
mat	Dimensions (L x W x H)	354x175x169 mm (14″x6-7/8″x6-5/8″)		
	Net Weight	6.2 kg (13.7 lbs.)		
	Power Supply Cord	2.0 m (6.6 ft.)		

Abrasive belt, Step, Dust bag assembly, Carbon plate

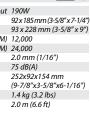
M9203B Finishing Sander

12,000 OPM for increased efficiency and smooth finish sanding



Continuous Rating Input 190W Pad Size 92x185r
 Abrasive Paper Size
 93 x 228 mm (3-5/8" x 9")

 Orbits Per Minute (OPM)
 12,000
 Strokes Per Minute (SPM) 24,000 Orbit Diameter 2.0 mm (1/16") Sound Pressure Level Dimensions $(I \times W \times H)$ Net Weight Power Supply Cord



64 WW

Abrasive paper #120, Punch Plate, Dust bag

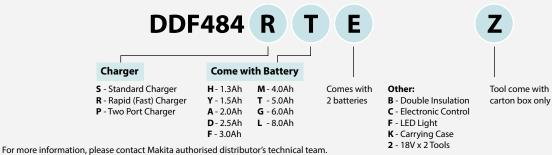




Tnakita.

	Makita Cordless Part Number Brea	kdown
DSE	Charger (DC10WA), 2X7.2V - 1.0Ah Batteries (BL7010)	🧼 🛿 🖉
DW	Charger (DC10WA), 1X10.8V - 1.3Ah Battery (BL1013)	<i>🗼</i> 🎚
DWE	Charger (DC10WA), 2X10.8V - 1.3Ah Batteries (BL1013)	🧼 🌡 🖡
DWYE	Standard Charger (DC10WD), 2X12Vmax - 1.5Ah Batteries (BL1016)	\$
DSYE	Fast Charger (DC10SB), 2X12Vmax - 1.5Ah Batteries (BL1016)	*
DSAE	Fast Charger (DC10SB), 2X12Vmax - 2.0Ah Batteries (BL1021B)	۲
DSAJ	Fast Charger (DC10SB), 2X12Vmax - 2.0Ah Batteries (BL1021B), Makpac	ا 🚉 🧇 🧼 💐
DSME	Fast Charger (DC10SB), 2X12Vmax - 4.0Ah Batteries (BL1041B)	
SYE	Standard Charger (DC18SD), 2X18V - 1.5Ah Batteries (BL1815B)	🍄 🥮 🥮
RYE	Rapid Charger (DC18RC), 2X18V - 1.5Ah Batteries (BL1815B)	۲
SF	Standard Charger (DC18SD), 1X18V - 3.0Ah Battery (BL1830B)	۲
RF	Rapid Charger (DC18RC), 1X18V - 3.0Ah Battery (BL1830B)	۲
RFE/ RF2	Rapid Charger (DC18RC), 2X18V - 3.0Ah Batteries (BL1830B)	🌮 🎯 🍘
RFJ	Rapid Charger (DC18RC), 2X18V - 3.0Ah Batteries (BL1830B), Makpac	🌮 🍘 🍘 🛄
RME	Rapid Charger (DC18RC), 2X18V - 4.0Ah Batteries (BL1840B)	🐝 🏟 🏟
RTE/ RT2	Rapid Charger (DC18RC), 2X18V - 5.0Ah Batteries (BL1850B)	۲
RTJ	Rapid Charger (DC18RC), 2X18V - 5.0Ah Batteries (BL1850B), Makpac	😻 🏟 🏟 🖾
PT2	Dual Port Rapid Charger (DC18RD), 2X18V - 5.0Ah Batteries (BL1850B)	
PG2J	Dual Port Rapid Charger (DC18RD), 2X18V - 6.0Ah Batteries (BL1860B), Makpac	
G2	2X18V - 6.0Ah Batteries (BL1860B)	۲

Makita Coding System - Ending Alphabet



135



Combination / Rotary Hammer Drill Capability Chart

																			Material f	or drilling		1
		EPTA Weight (kg)	0	10 2	0 30	0 40	50	60 7	70 E	30 90	0 10	00 11	0 12	0 13	0 140	150	160	Highly reinforced concrete	Concrete, granite, stone, brick	Metal/ wood	Working direction	Drilling/ chiselling ratio
16mm series	HR166D SDS-plus	1.8~2.4				3.2-16 3.2-10			Diam	nond co	ore 32	(dry ty	oe)					\checkmark	$\sqrt{\sqrt{}}$	\checkmark	↓ ↓	
17mm series	DHR171 SDS-plus	2.1~2.8				3.2-17 3.2-10			Diam	nond co	ore 32	(dry ty	oe)					 ✓ 	$\sqrt{\sqrt{}}$	\checkmark	₽	
18mm series	HR1840/41F SDS-plus	2.0~2.5				3.2-18 3.2-10			Diam	nond co	ore 32	~ 65 (d	ry type)				\checkmark	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	↓ →	
	DHR182 SDS-plus	2.4~3.2				3.2-18 3.2-10			Diam	nond co	ore 32	(dry ty	oe)					\checkmark	$\sqrt{\sqrt{}}$	\checkmark	↓ ↓	
20mm series	DHR202 SDS-plus	3.5				3.2-20 4-12			Diam	nond co	ore 32	(dry ty	oe)					\checkmark	$\sqrt{\sqrt{}}$	\checkmark	↓ ↓	
22mm series	DHR2230 SDS-plus	2.6				3.2-22 4-14	2		Diam	nond co	ore 32	~ 65 (d	ry type)				\checkmark	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	↓ ↓	
	MT870 SDS-plus	2.5				3.2-22 4-14	2		Diam	nond co	ore 32 ·	~ 65 (d	ry type)				\checkmark	$\sqrt{\sqrt{}}$	\checkmark	↓ ↓	
23mm series	HR2300 SDS-plus	2.7				3.2-23 4-15	3		Diam	nond co	ore 32	~ 70 (d	ry type)				\checkmark	$\sqrt{\sqrt{}}$	\checkmark	↓+	
	HR2310T SDS-plus	2.9				3.2-23 4-15			Diam	nond co	ore 32	~ 70 (d	ry type)				\checkmark	$\sqrt{\sqrt{\sqrt{1}}}$	\checkmark	↓+	
	HR2320T SDS-plus	2.9				3.2-23 4-15			Diam	nond co	ore 32	~ 70 (d	ry type)				\checkmark	$\sqrt{\sqrt{}}$	\checkmark	↓+	
24mm series	HR2460 SDS-plus	2.8				3	3.2-24 4-16	ł	Diam	nond co	ore 32 ·	~ 65 (d	ry type)				\checkmark	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	↓ ↓	
	HR2470 SDS-plus	2.9					3.2-24 4-16 54	ł	Diam	nond co	ore 32	~ 65 (d	ry type)				\checkmark	$\sqrt{\sqrt{}}$	\checkmark	↓ →	
	DHR241 SDS-plus	3.5				3.2-20 4-12			Diam	nond co	ore 32	(dry ty	oe)					\checkmark	$\sqrt{\sqrt{}}$	\checkmark	₽	
	DHR242 SDS-plus	3.1~3.8					3.2-24 4-16 54	ŀ	Diarr	nond co	ore 32	~ 65 (d	ry type)				 ✓ 	$\sqrt{\sqrt{}}$	\checkmark	↓ ↓	
26mm series	DHR263 SDS-plus	3.5				3.2-20 4-18	;		Diam	nond co	ore 32 ·	~ 65 (d	ry type)				 ✓ 	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	↓ ↓	
	HR2600 Series SDS-plus	2.8~2.9				3.2-20 4-18			Diam	nond co	ore 32 ·	~ 80 (d	ry type)				~	$\sqrt{\sqrt{}}$	\checkmark	↓ →	
	HR2630 Series SDS-plus	2.8~3.1				3.2-20 4-18			Diam	nond co	ore 32 ·	~ 80 (d	ry type)				 ✓ 	$\sqrt{\sqrt{}}$	\checkmark	↓ ↓	
	HR2650 Series SDS-plus	3.0~3.2				3.2-20 4-18			Diam	nond co	ore 32 ·	~ 80 (d	ry type)				 ✓ 	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	↓ ↓	
	HR2661 SDS-plus	3.2				3.2-20 4-18			Diam	nond co	ore 32	~ 80 (d	ry type)				 ✓ 	$\sqrt{\sqrt{\sqrt{1}}}$	\checkmark	↓ ↓	
	M8701 SDS-plus	2.7				3.2-20 4-18			Diam	nond co	ore 32 ·	~ 80 (d	ry type)				 ✓ 	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	↓ ↓	
28mm series	HR2800 Series SDS-plus	3.4~3.6				3.2-28 6-20		-80	Diam	nond co	ore 32	~ 80 (d	ry type)				~	$\sqrt{\sqrt{\sqrt{1}}}$	\checkmark	↓ ↓	
	DHR282 Series SDS-plus	3.9~5.0				3.2-28 6-20)		Diam	nond co	ore 32	~ 65 (d	ry type)				 ✓ 	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	↓ ↓	
	HR001G Series SDS-plus	3.9~4.6				3.2-28 6-20)		Diam	nond co	ore 32	~ 65 (d	ry type)				\checkmark	$\sqrt{\sqrt{\sqrt{1}}}$	\checkmark	↓ ↓	
30mm series	HR3210FCT Series SDS-plus	4.8~5.4				4-32 10-22		35-90	Diam	nond co	ore 32	~ 90 (d	ry type)				$\checkmark\checkmark\checkmark$	$\sqrt{\sqrt{\sqrt{2}}}$	\checkmark	\Box	
40mm series	HR4002 SDS-max	6.6					1	0-40 6-32 20-105										$\checkmark\checkmark\checkmark$	$\sqrt{\sqrt{\sqrt{2}}}$		\downarrow	
	HR4013C Series SDS-max	6.2~6.8					1	0-40 6-35 20-105										$\checkmark\checkmark\checkmark$	$\sqrt{\sqrt{\sqrt{2}}}$		\downarrow	
	DHR400 SDS-max	7.3~8.1					1	0-40 6-35 20-105										$\checkmark\checkmark\checkmark$	$\sqrt{\sqrt{\sqrt{2}}}$			
	HR005G SDS-max	7.4~7.9					1	0-40 6-35 20-105										$\checkmark\checkmark\checkmark$	$\sqrt{\sqrt{\sqrt{2}}}$			
45mm series	HR4511C Series SDS-max	8.2~9.0					2	0-45 2-40 20-125										$\sqrt{\sqrt{\sqrt{1}}}$	$\sqrt{\sqrt{\sqrt{2}}}$			
50mm series	HR5212C Series SDS-max	10.9~11.9								19 25- 20-1	45 160							$\checkmark\checkmark\checkmark$	$\sqrt{\sqrt{\sqrt{2}}}$			
	HR006G Series SDS-max	12.9~14.3								19- 25- 20-1	45							$\sqrt{\sqrt{\sqrt{1}}}$	$\sqrt{\sqrt{\sqrt{2}}}$		\downarrow	
		 																appr	ox: 50% dril	ing , 50%	chiselling	

Tungsten Carbide-tipped usable range

Recommended range

Core bits





				Carbo	n Bru	sh List				
Carbon	Part			Carbo						
Brush	Number					Model				
CB-1	181019-9	903	27000	420001/	(01200	6016	(2001)0			
CB-51 CB-55	181021-2 181026-2	1902	3700B	4300BV	6013BR	6016	6300NB			
CB-55A	B-80248	8416	JR3000V							
CB-64	191627-8 B-80254	6412 GV6010	6413 JV0600K	6510LVR	9035	906	BO3710	BO4540	DP4700	GD0603
CB-64A CB-65	191628-6			154.600	164 670					
CB-65A	A-81309	6905B	906H	JS1600	JS1670					
CB-70 CB-70A	191914-5 A-81212	6501								
CB-85	191998-3	HP1630								
CB-85A CB-100	B-80282 181030-1	1111050								
CB-100 CB-100A	B-80298	1100	6906	9045B	9215SB	9218SB	9924DB	JN3200	JS3200	PC1100
CB-106	181410-1	1911B	3620	RP0900	UT1301					
CB-106A A-81290 CB-132 191972-1		UC3520A	UC4020A	UC3541A	UC4041A					
CD-132	191972-1	1804N	1805N	2012NB	24165	3501N	3600H	3601B	3612BR	4107R
CB-153	181044-0	5008B	5008MG	5016B	5103N	5201N	5401N	5402	6910	9105
CB-153A	B-80329	9401 LS1216	HS0600 LS1219L	LF1000 LS1440	LS1013 N5900B	LS1016 TW1000	LS1019L UC3530A	LS1040 UC3531A	LS1212 UC4030A	LS1214 UC4051A
CB-173	195483-8	VC2510L	VC3210L				2 200 000	2 2000 111	2 2 100011	
CB-203	191953-5	2414NB	3612C	HW1200	HW1300	LC1230	LW1400	LW1400	RP1801	
CB-203A	B-80341		50120			201250	2.01100	2.00		
CB-253	194547-5	PC5000C 2107F	4100NH	4100NH3Z	4131					
CB-303	191963-2	9227C	9237C	CA5000	DA4000LR	5606B GA5010	5740NB GA5020	5806B GA6010	9015B HS7010	9016B HS7600
CB-303A	B-80379	JN3201J UB1102	JR3050T UB1103	JR3060T UT1305	JR3070CT UT2204	JS3201J	LS0714	PV7000C	UB1100	UB1101
		9553NB	9556NBG	9556PBG	9556HBG	9556HP	9557NBG	9563H	CA 4040	CDOCOD
CB-325	194074-2	GD0601	GD0602	HR2230	HR2300	HR2310T	HR2320T	HR2460	GA4040 HR2470	GD0600 HR2600
CB-411	191940-4	HR2601 3709	HR2610 3901	HR2611FT 4403	HR2630 6922NB	HR2631FT 9031	HR2800	HR2810		
CB-411A	B-80391	KP0800	RT0700C	TD0101F	TW0200	TW0350	9500NB	9523NB	DS4011	JN1601
CB-415	191950-1	6904VH								
CB-415A	B-80400	4304	4350CT	9035H	BO4510H	BO4556	BO5031			
CB-419 CB-419A	191962-4 B-80422	FS2700	FS4300	HP1620	HP2030	HP2050	HP2070	DA3010F HR1830	FS2300 HR2020	FS2500 HR2440
		JS1300 GA4030	TD0100 GA4031	UH4570X GA4034	UH5570X GA54530	UH6570X GA4534	UH7580X GA5030			
CB-459	194722-3	JS1000	JS1601	JS1602	PJ7000	TM3000C	TM3010C	GA5034	HR1840	HR1841
364	1000	HW111								
	1160	HW102								
375009-001		SJ401								
EIB106C JM23000123		HB500 LH1201FL	LS1018L	MLT100						
514125	000125	LITIZOTIL	LUIUIUL							
6 1 1 1				Auto Cu	t - Out Carbo	on Brush				
CB-105 CB-105A	181038-5 B-80307	HM0810A	HM0810TA	HR2010	HR3520					
CB-155	181048-2	HM1201								
CB-155A	B-80335		A11AC	0617						
CB-204	191957-7 B 90257	4112HS GA9010C	4114S GA9012C	9617 GA9030	GA7010C	GA7012C	GA7020	GA7030	GA7040R	GA7040S
CB204A	B-80357	HM1306	HM1810	SA7000C	GA9030R	GA9040S	GA9050	GS5000	HM1302	HM1305
CB-218	197129-2	GA7060	GA7060R	GA7061R	GA7062	GA7063R	GA9060	HM1812		
CB-318	191978-9	9563C	GA4040C	GA4041C	GD0800C	PK5001C	PO6000C	PW5001C	SG1250	SG1251J
CB-327 CB-350	194285-9 194160-9	HR3000C HK1820	HM0870C	HM0871C	HR3200C	HR4001C	HR4002	HR4003C	HR4003C	HR4030C
	127100-2	11(1020	11110070C					TIN-TOOJC	1114003C	11140300
				Carbon Bi	rush for Coro	lless Tools				
CB-430	191971-3	8414D DJS101	DCS550	DCO180	BGA450	DGA402	DGA452	DGD800	BHR240	DJN161
CB-438		DUB361	DJS161	DJV180	DPB180	DPJ180	DSS501	BUB360	DUC122	DHR165
CB-434	193466-2	6932FD	6935FD	BTW121						
		DDA351 DFS450	DDF442	DDF444	BDF450	BDF452	DDF456	DDF458	DDF482	DFR550
CB-440	194427-5	DFS450 DHP458	DFS451	BHP442	DHP444	DHP444	BHP450	BHP452	BHP454	DHP456
		TD091D	DHP482	DJS130	BTD142	DTD146	DTP140	DTW152	DTW251	DBN500
CB-441	194435-6	DHR202 DTW450	DHR241	DHS630	DJR181	DJR182	DJR186	DKP180	DLS713	DSS610
CP 442	104030 3	BHR261	DUDDCD	PLICACO	DINICCO	DINICEO	DUDACA	DUCTIO	DUCASA	DUCADA
CB-442	194928-3	DUH651	BHR262	BUC250	BUH550	BUH650	DHR263	DHS710	DUC252	DUC302
CB-448	196854-2	DTW152	DTW251			1		1		1



How to Maximise Battery Performance

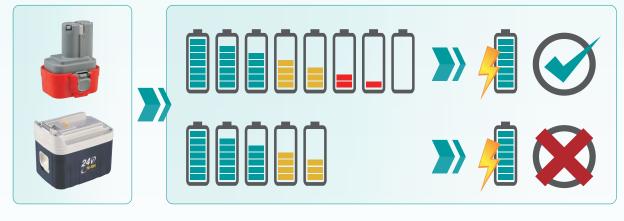
Rechargeable Tool Battery Don'ts

- Do not Use the Battery till it is flat : Using the battery till it is flat, can permanently damage the poles and shorten battery life. Recharge the battery as soon as your tool starts to slow down. Unless you are using a NiCd battery operated tool.
- Do not Overload the Battery : Use the cordless tool within specification. Do not overload the cordless tool.
- Do not Get Battery Wet: Avoid exposing your batteries to water. Immediately wipe away any moisture on the tool or battery.
- Do not throw or drop the Battery: Dropping or throwing the battery may cause damage to battery.

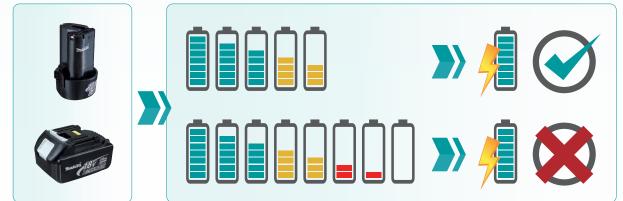


You should stop your operations and charge it when you feel the power is getting lower and lower. This will help to reduce the load to battery and to extend battery lifetime. <u>Never use till empty!!</u>

When to CHARGE a Ni-Cd / Ni-MH Battery



When to CHARGE a Li-ion Battery



lcon

	Double Insulation	161	Torque Setting 16		Bayonet Shank Jig Saw Blade	$\mathbf{\underline{\times}}$	Static Free Hose
	Variable Speed	181	Torque Setting 18	LASER	Laser Marker		SDS-PLUS Shank
(BRAKE)	Brake	20	Torque Setting 20		Orbital Cutting		SDS-MAX Shank
$\mathbf{\tilde{\mathbf{v}}}$	Reversing	21	Torque Setting 21		Hook & Loop	1	17mm Hex Shank
*2	Mechanical 2-Speed		Torque Setting 21_41	123	Depth Adjustment	21	21mm Hex Shank
K	Mechanical 3-Speed	K	Dust Collection	Ťŕ	Sequential and Bump-fire	28.6	28.6mm Hex Shank
~2	Electronic 2-Speed	[S]	Torque Limiter	K	Auto Firing Stop	30	30mm Hex Shank
~	Electronic 3-Speed		Constant Speed		Automatic Oiling		Built-in Job Light
~4	Electronic 4-Speed	SOFT START	Soft Start		Stainless Tank	8	Anti-restart function
	Keyless Chuck		Bevel Cutting 45 left	R	Grass Tangle Removing Function	\otimes	Toolless blade change
	Clutch-equipped	45° 5°	Bevel Cutting L45 R5		Chain Brake		
6	Torque Setting 6	45° 45°	Bevel Cutting 45 LR	K	Anti Vibration		
9	Torque Setting 9		Makita Shank Jig Saw Blade		Revolving Hose		



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TRADEMARKS









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