







High Power

Durability

Digital Communication

Combination Hammer HR001G / HR002G / HR003G / HR004G



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 JR001G





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.

Tool ◆▶ Battery ◆▶ Battery Charger Digital communication



40Vmax Li-ion Battery

BL4025 2.5Ah



BL4040 4.0Ah



system

Charging time

BL4025

28_{min}

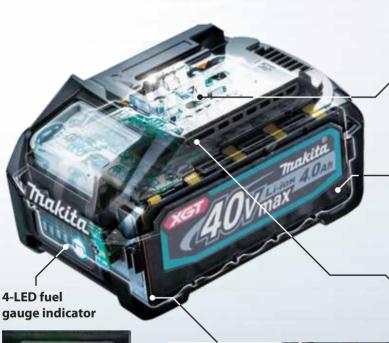
BL4040

45 min

40Vmax Lithium-ion Battery Series

Built Tough

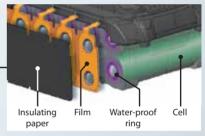
High durability specifications specially designed for 40Vmax Li-lon batteries





Terminal short-circuit prevention structure

The protection wall is provided between terminals against water and dust.



Waterproof Triple-layer Structure

prevents cell failure due to water and dust.



Shock absorption structure



High Rigidity Battery Rails

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

40Vmax Fast Charger

The enlarged and raised LED light provides clearer indication of charging status.

DC40RA



Interchangeable Adapter





Compatible with LXT Li-lon batteries





Impact Driver
TD001G

Delivers 220N·m of Max Torque

10 Tightening modes









4 -Speed power selection















No load speed / Impacts per min (min⁻¹)



BL XPT

Rigid anvil holder with ball bearings reduces bit wobbling







Drove ø6.5 x 120mm metal fastening screws

TD001G

Fast



- One-touch 4-speed selector provides precise fastening control for a wide range of applications.
- · Quick-change memory mode allows operator to rapidly change between two registered setting

Work amount on a full battery charge*1 Battery: BL4025

about 800 pcs Drove 65mm coarse thread screws

about 160 pcs Drove 120mm metal fastening screws

Machine Screw: M4 - M8 (5/32" - 5/16")
Standard Bolt: M5 - M16 (3/16" - 5/8")
High Strength Bolt: M5 - M14 (3/16" - 9/16")
Coarse thread (in length): 22 - 125 mm (7/8" - 4-7/8")
6.35 mm (1/4")
Max / Hard / Med / Soft: 0 - 3,700 / 3,200 / 2,100 / 1,100
Max / Hard / Med / Soft: 0 - 4,400 / 3,600 / 2,600 / 1,100
220 N·m (1,950 in.lbs.)
Hard / Med / Soft: 170 / 50 / 20 N·m (1,510 / 440 / 180 in.lbs.)
96 dB(A)
107 dB(A)
w/ BL4025: 120x86x245 mm (4-3/4"x3-3/8"x9-5/8")
w/ BL4040: 120x86x250 mm (4-3/4"x3-3/8"x9-7/8")
1.7 - 2.0 kg (3.7 - 4.4 lbs.)







Hammer Driver Drill / Driver Drill HP001G / DF001G 13 mm (1/2")

Delivers 140N·m of Max Torque

Solid performance

especially in heavy duty applications by efficient brushless motor and XGT battery



41 electronical clutch setting (21-stage setting in High mode)

A wider range of torque can be covered than mechanical clutch



Fast

Easy jog dial adjustment with digital display

AFT Active Feedback sensing Technology

turns the motor off if bit rotation is suddenly forced to stop.



about 25% UP

Drove ø8 x 400mm long construction screws into 400mm thick SPF

HP / DF001G 125

18V Predecessor Model 100

about 35% UP

Drilled holes through 38mm thick SPF with ø65mm (2 - 9/16") self-feeding bit

HP / DF001G 135

18V Predecessor Model 100

Slow Fast



BL AFT XPT



Compact overall length for easy handling and control

18V Predecessor Model



Work amount on a full battery charge*1

Battery: BL4025

Drove ø8 x 400mm long construction screws into 400mm thick SPF

Drilled holes through 38mm thick SPF with ø65mm (2 - 9/16") self-feeding bit

Drilled holes through 38mm thick SPF with 7/8" Ship Auger bit

Outstanding drilling speed 0 - 2600 min-1

at High speed mode

HP001G	
Canacity	

Steel: 20 mm (13/16") / Wood (Auger-Bit): 50 mm (2")
Wood (Self-Feed Bit): 76 mm (3") / Wood (Hole Saw): 152 mm (6")
Masonry: 20 mm (13/16")
1.5 - 13 mm (1/16 - 1/2")
High / Low: 0 - 39,000 / 0 - 9,750
High / Low: 0 - 2,600 / 0 - 650
Hard / Soft: 140 / 68 N·m (1,240 / 600 in.lbs.)
125 N·m (1,100 in.lbs.)
85 dB(A)
96 dB(A)
w/ BL4025: 182x86x275 mm (7-1/8"x3-3/8"x10-7/8")
w/ BL4040: 182x86x282 mm (7-1/8"x3-3/8"x11-1/8")
2.7 - 3.0 kg (6.0 - 6.6 lbs.)

DF001G	
Capacity	Steel: 20 mm (13/16")
	Wood (Auger-Bit): 50 mm (2") / Wood (Self-Feed Bit): 76 mm (3")
	Wood (Hole Saw): 152 mm (6")
Chuck Capacity	1.5 - 13 mm (1/16 - 1/2")
No Load Speed (RPM)	High / Low: 0 - 2,600 / 0 - 650
Max Fastening Torque	Hard / Soft: 140 / 68 N·m (1,240 / 600 in.lbs.)
Max lock torque	125 N·m (1,100 in.lbs.)
Sound Pressure Level	75 dB(A)
Dimensions (L x W x H)	w/ BL4025: 181x86x275 mm (7-1/8"x3-3/8"x10-7/8")
	w/ BL4040: 181x86x282 mm (7-1/8"x3-3/8"x11-1/8")
Net weight	2.7 - 3.0 kg (5.9 - 6.6 lbs.)





Impact Wrench TW001G 3/4" (19 mm)

Over 2,000 N·m of Nut-Busting Torque

Electoric 4-stage impact power selection

enables user to control the power and speed depending on the applications.



Forward and reverse rotation auto stop mode



	Forward	Reverse
mode	Stops immediately after impact is detected	Stops immediately after the bolt/ nut gets loosened
mode 2	Stops approximately 0.5 seconds after impact is detected	Stops approximately 0.2 seconds after the bolt/ nut gets loosened
mode	Stops approximately 1 second after impact is detected	Shift to 230 min ⁻¹ after the bolt/ nut gets loosened

No load speed (min⁻¹)

Max: 0-1,800 Hard: 0-1,400 Medium: 0-1,150 Soft: 0-950 Impacts per minutes (min⁻¹)

Max: 0-2,500 Hard: 0-2,400 Medium: 0-2,200 Soft: 0-1,900



High power BL Motor







BL XPT



Full speed mode

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



Work amount on a full battery charge*1 Battery: BL4040

about 350 pcs
Tightening M27 high strength bolts

Compact overall length for easy handling and control



F 6	C. 1 10 1: MAC MAC (A (A)) A 7/45/10
Fastening Capacities	Standard Bolt: M12 - M36 (1/2" - 1-7/16")
	High Strength Bolt: M10 - M27 (3/8" - 1-1/16")
Square Drive	19 mm (3/4")
No Load Speed (RPM)	Max / Hard / Med / Soft: 0 - 1,800 / 0 - 1,400 / 0 - 1,150 / 0 - 950
Impacts Per Minute (IPM)	Max / Hard / Med / Soft: 0 - 2,500 / 0 - 2,400 / 0 - 2,200 / 0 - 1,900
Max Fastening Torque	1,630 N·m (1,200 ft.lbs.)
Dimensions (L x W x H)	w/ BL4025: 217x94x297 mm (8-1/2"x3-11/16"x11-3/4")
	w/BL4040: 217x94x303 mm (8-1/2"x3-11/16"x11-7/8")
Net weight	3.9 - 4.2 kg (8.6 - 9.3 lbs.)







Angle Grinder

 $\begin{tabular}{ll} Slide switch: GA003G / GA004G / GA005G / GA006G / GA007G / GA008G \\ Paddle switch: GA011G / GA012G / GA013G / GA014G / GA015G / GA016G \\ & 100~mm~(4") & 115~mm~(4-1/2") & 125~mm~(5") & 100~mm~(4") & 115~mm~(4-1/2") & 125~mm~(5") \\ \end{tabular}$

8,500 min.

Delivers same power as 1,000W corded grinders

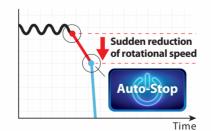
High durability

- Large ball bearing supports the motor.
- New switch design to reduce contact wearness.



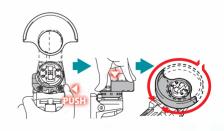
No load speed: Active Feedback sensing Technology

Shuts down the tool to protect the user, if the rotation speed suddenly slows down.



New toolless wheel cover

allows for fast and easy angle adjustment and installation / removal of wheel cover.



40% UP

Cut concrete at depths of 20mm

GA005G 140

18V Predecessor 100

Slow Fast

Work amount on a full battery charge*1 Battery: BL4040

about **7m**Cutting depths: 20mm

Accessories

Dust collection wheel guard











GA003G / GA004G / GA005G / GA011G / GA012G / GA013G



	Wheel Diameter	Switch	(BRAKE)
GA003G	100 mm (4")		
GA004G	115 mm (4-1/2")		/
GA005G	125 mm (5")	Slide	
GA006G	100 mm (4")		
GA007G	115 mm (4-1/2")		
GA008G	125 mm (5")		
GA011G	100 mm (4")		
GA012G	115 mm (4-1/2")		/
GA013G	125 mm (5")	Paddle	
GA014G	100 mm (4")		
GA015G	115 mm (4-1/2")		_
GA016G	125 mm (5")		

	GA003G	GA004G	GA005G	GA006G	GA007G	GA008G
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")	100 mm (4")	115 mm (4-1/2")	125 mm (5")
Hole Diameter	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")
No Load Speed (RPM)	8,500	8,500	8,500	8,500	8,500	8,500
Sound Pressure Level	81 dB(A)					
Sound Power Level	92 dB(A)					
Dimensions (L x W x H)	w/ BL4025: 398x117x150 mm	w/ BL4025: 398x130x156 mm	w/ BL4025: 398x140x156 mm	w/ BL4025: 398x117x146 mm	w/ BL4025: 398x130x152 mm	w/ BL4025: 398x140x152 mm
	(15-5/8"x4-5/8"x5-7/8")	(15-5/8"x5-1/8"x6-1/8")	(15-5/8"x5-1/2"x6-1/8")	(15-5/8"x4-5/8"x5-3/4")	(15-5/8"x5-1/8"x6")	(15-5/8"x5-1/2"x6")
	w/ BL4040: 410x117x162 mm	w/ BL4040: 410x130x168 mm	w/ BL4040: 410x140x168 mm	w/ BL4040: 410x117x158 mm	w/ BL4040: 410x130x165 mm	w/ BL4040: 410x140x165 mm
	(16-1/8"x4-5/8"x6-3/8")	(16-1/8"x5-1/8"x6-5/8")	(16-1/8"x5-1/2"x6-5/8")	(16-1/8"x4-5/8"x6-1/4")	(16-1/8"x5-1/8"x6-1/2")	(16-1/8"x5-1/2"x6-1/2")
Net weight	2.8 - 3.3 kg (6.2 - 7.3 lbs.)	2.9 - 3.5 kg (6.4 - 7.7 lbs.)	2.9 - 3.6 kg (6.4 - 7.9 lbs.)	2.7 - 3.3 kg (6.0 - 7.3 lbs.)	2.9 - 3.5 kg (6.4 - 7.7 lbs.)	2.9 - 3.5 kg (6.4 - 7.7 lbs.)
	610116	540405	610136	510115	546455	510165
	GA011G	GA012G	GA013G	GA014G	GA015G	GA016G
Wheel Diameter	100 mm (4")	115 mm (4-1/2")	125 mm (5")	100 mm (4")	115 mm (4-1/2")	125 mm (5")
Hole Diameter	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")	16 mm (5/8")	22.23 mm (7/8")	22.23 mm (7/8")
No Load Speed (RPM)	8,500	8,500	8,500	8,500	8,500	8,500
Sound Pressure Level	81 dB(A)					
Sound Power Level	92 dB(A)					
Dimensions (L x W x H)	w/ BL4025: 398x117x150 mm	w/ BL4025: 398x130x156 mm	w/ BL4025: 398x140x156 mm	w/ BL4025: 398x117x146 mm	w/ BL4025: 398x130x152 mm	w/ BL4025: 398x140x152 mm
	(15-5/8"x4-5/8"x5-7/8")	(15-5/8"x5-1/8"x6-1/8")	(15-5/8"x5-1/2"x6-1/8")	(15-5/8"x4-5/8"x5-3/4")	(15-5/8"x5-1/8"x6")	(15-5/8"x5-1/2"x6")
	w/ BL4040: 410x117x162 mm	w/ BL4040: 410x130x168 mm	w/ BL4040: 410x140x168 mm	w/ BL4040: 410x117x158 mm	w/ BL4040: 410x130x165 mm	w/ BL4040: 410x140x165 mm
	(16-1/8"x4-5/8"x6-3/8")	(16-1/8"x5-1/8"x6-5/8")	(16-1/8"x5-1/2"x6-5/8")	(16-1/8"x4-5/8"x6-1/4")	(16-1/8"x5-1/8"x6-1/2")	(16-1/8"x5-1/2"x6-1/2")
Net weight	2.8 - 3.4 kg (6.2 - 7.5 lbs.)	3.0 - 3.6 kg (6.6 - 7.9 lbs.)	3.0 - 3.6 kg (6.6 - 7.9 lbs.)	2.8 - 3.3 kg (6.2 - 7.3 lbs.)	2.9 - 3.5 kg (6.4 - 7.7 lbs.)	2.9 - 3.6 kg (6.4 - 7.9 lbs.)





Combination Hammer
HR001G / HR002G / HR003G / HR004G
28 mm (1-1/8")

Anti Vibration Technology

7.0 m/s²



AFT Active Feedback sensing Technology

turns the motor off if bit rotation is suddenly forced to stop. $(HR001G\ /\ HR002G)$



Redesigned Tool Balance for Increased Operability

The tool's center of gravity is located as close to the handle grip as possible, providing more control and less fatigue.

Lightweight

3.9 kg

Model: HR001G Battery: BL4025



AWS Auto-start Wireless System

connects to compatible vacuum cleaner with Bluetooth. The vacuum cleaner automatically runs while the switch is on. (HR001G / HR002G)



Switch on the tool



Vacuum cleaner is activated









Large dust box cover can be opened simply by pushing single push button for easy dust cleaning.





Dust Extraction System

DX12 / DX14



	Quick change drill chuck	AFT	AWS	Dust Extraction System
HR001G	_	/	/	DX12
HR002G	✓	/	/	DX14
HR003G	_	_	_	DX12
HR004G	✓	_		DX14

	HR001G / HR003G	HR002G/HR004G
Impact Energy	EPTA-Procedure 05/2009: 2.8 J	EPTA-Procedure 05/2009: 2.9 J
Capacity	Concrete / Steel / Wood / Core Bit /	Concrete / Steel / Wood / Core Bit /
	Diamond Core Bit (Dry Type):	Diamond Core Bit (Dry Type):
	28 / 13 / 32 / 54 / 65 mm	28 / 13 / 32 / 54 / 65 mm
Blows Per Minute (BPM)	(1-1/8" / 1/2" / 1-1/4" / 2-1/8" / 2-9/16")	(1-1/8" / 1/2" / 1-1/4" / 2-1/8" / 2-9/16")
No Load Speed (RPM)	0 - 5,000	0 - 5,000
Chuck Capacity	0 - 980	0 - 980
Sound Pressure Level	1.5 - 13 mm (1/16 - 1/2")	1.5 - 13 mm (1/16 - 1/2")
Sound Power Level	95 dB(A)	93 dB(A)
Dimensions (L x W x H)	106 dB(A)	104 dB(A)
	w/ BL4025: 358x102x232 mm	w/ BL4025: 389x102x232 mm
	(14-1/8"x4"x9-1/8")	(15-1/4"x4"x9-1/8")
	w/ BL4040: 373x102x238 mm	w/ BL4040: 404x102x238 mm
	(14-3/4"x4"x9-3/8")	(15-7/8"x4"x9-3/8")
Net weight	3.9 - 4.6 kg (8.6 - 10.1 lbs.)	HR002G: 4.1 - 4.6 kg (9.0 - 10.1 lbs.)
		HR004G: 4.0 - 4.5 kg (8.8 - 9.9 lbs.)



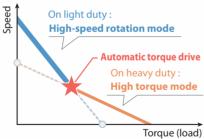


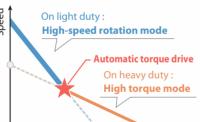
Circular Saw HS003G / HS004G 190 / 185 mm (7-1/2" / 7-1/4")

Automatic torque **Drive Technology**

automatically changes the cutting speed according to load conditions for an optimum operation:

- On light duty: high-speed rotation
- · On heavy duty: high torque mode







Auto-start Wireless System



connects to compatible vacuum cleaner with Bluetooth. The vacuum cleaner automatically runs while the switch is on.





Switch on the tool



Vacuum cleaner is activated

Compatible with guide rail without adapter (HS004G only)



Blower function



Twin LED Job light



Max. bevel capacity



Overload alert using driving mode lamp





BL ADT AWS







Work amount on a full battery charge*1

Battery: BL4040

about $145 \, \mathrm{pcs}$

(thickness=60mm / width=300mm)

about 310 pcs

SPF 2 x 10

Lightweight

Model: HS003G Battery: BL4040

Max cutting capacity at 90°

185mm 66 / 68.5 mm

Model: HS003G

	HS003G	HS004G
Blade Diameter	190 / 185 mm (7-1/2" / 7-1/4")	190 / 185 mm (7-1/2" / 7-1/4")
Max Cutting Capacity	90°: 68.5 / 66 mm (2-11/16" / 2-5/8")	90°: 62.5 / 60 mm (2-7/16" / 2-3/8")
	45°: 47.5 / 45.5 mm (1-7/8" / 1-13/16")	45°: 44.5 / 43 mm (1-3/4" / 1-11/16")
	56°: 35.5 / 34 mm (1-3/8" / 1-5/16")	48°: 42 / 41 mm (1-5/8" / 1-5/8")
No Load Speed (RPM)	6,000	6,000
Dimensions (L x W x H)	w/ BL4025: 316x200x290 mm	w/ BL4025: 322x210x290 mm
	(12-1/2"x7-7/8"x11-3/8")	(12-5/8"x8-1/4"x11-3/8")
	w/ BL4040: 331x200x290 mm	w/ BL4040: 337x210x290 mm
	(13"x7-7/8"x11-3/8")	(13-1/4"x8-1/4"x11-3/8")
Net weight	4.1 - 4.4 kg (9.0 - 9.7 lbs.)	4.4 - 4.7 kg (9.7 - 10.4 lbs.)
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Recipro Saw JR001G

High Durable Structure



Smooth cutting with

Easy blade ejection lever

Smooth cutting with vertical crank system

Balancer

Tool-less shoe adjustment









Lightweight

4.2 kg

Battery: BL4025

Tool hanger



High Cutting Speed

Metal Cutting speed 0% ø25.4mm (1") Carbon steel pipe JR001G

110

SPF 2 x 10

UP Slow

JR001G		135	
18Vx2 Predecessor Model	100		
Slow			Fast

Work amount on a full battery charge*1 Battery: BL4040

about 155 pcs SPF 2 x 10 about 130 pcs ø25.4mm (1") Carbon steel pipe

Length of Stroke	32 mm (1-1/4")
Strokes Per Minute (SPM)	High / Low: 0 - 3,000 / 0 - 2,300
Capacity	Pipe: 130 mm (5-1/8") / Wood: 255 mm (10")
Sound Pressure Level	85 dB(A)
Sound Power Level	96 dB(A)
Dimensions (L x W x H)	w/ BL4025: 457x88x233 mm (18"x3-1/2"x9-1/8")
	w/ BL4040: 472x88x239 mm (18-5/8"x3-1/2"x9-3/8")
Net weight	4.2 - 4.5 kg (9.3 - 9.9 lbs.)

Fast















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