

40V Max Brushless AWS 165mm Plunge Cut Saw



HEAVY DUTY BRUSHLESS



Makita

BL
MOTOR

Ⓚ
BRAKE

XGT

SP001G

40V Max Brushless AWS 165mm Plunge Cut Saw

The Makita 40V Max Brushless 6-1/2" Plunge Circular Saw, with AWS delivers precise and more accurate cutting when combined with an optional guide rail system (sold separately). The saw and rail system work together to produce accurate cuts with minimal tear-out. The saw combines a powerful Makita-built brushless motor powered by 40V max XGT batteries with constant speed control, which maintains cutting speed under load for optimal cutting

The SP001G is equipped with Auto-Start Wireless System (AWS), which uses Bluetooth™ technology for wireless power-on/off communication with the AWS-equipped dust extractor. AWS is intelligent communication that eliminates cords and reduces noise.



Product Overview



Product Specifications



Max. cutting capacities at 0°	56mm
Max. cutting capacities at 45°	40mm
Bevel capacity	-1°- 48°
Blade diameter	165mm (6-1/2)
Bore diameter	20mm
No load speed	2,500 - 4,900rpm
Overall length	394mm
Skin weight	4.0kg
Weight (with battery)	5.0kg (BL4050F)
Voltage	40V max

- **High Power Output** – the high power 40Vmax XGT Li-Ion battery allows for continuous operation in heavy-duty applications. With cutting speeds 10% faster than the 18Vx2 equivalent and 40% faster than the 1,300W AC equivalent.
- **Lightweight Design** – battery relocation has significantly improved the overall balance creating a lightweight design that is extremely comfortable to use.
- **Soft Start** – blade starts slowly then rapidly accelerates to maximum speed to reduce the initial start up shock.
- **Auto-Start Wireless System (AWS)** – compatible with AWS the SP001G can be paired with a compatible vacuum for on demand dust extraction. AWS uses Bluetooth to wirelessly power on and off the extraction unit using the tools trigger.
- **Constant Speed Control** – motor speed maintained even under heavy load to maintain cutting speed in a variety of applications.
- **Guide Rail Compatible** – guide rail compatible saw base adapts with optional guide rails to provide perfectly straight cut.
- **Positive Bevel Stop** – allows for fast and accurate bevel adjustment to common bevel angles. With a maximum bevel capacity of -1°- 48°, positive stops at 22.5° and 45°.
- **Electric Brake** – maximises productivity and user safety by rapidly slowing the wheel rotation after the switch has been released.

Advantages



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Heavy Duty



Heavy duty power with rapid cutting speeds up to 6,000rpm

Safety



Safety protection with electric brake and soft start for user safety

Innovation



Constant Speed Control
Maintains cutting speed under heavy load

Compatibility


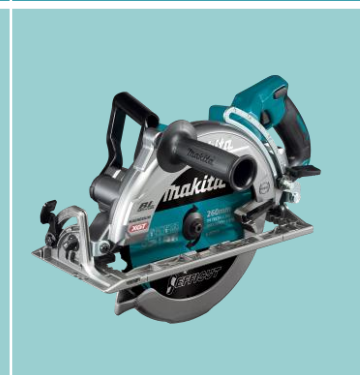
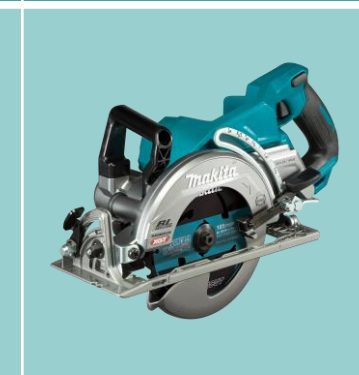

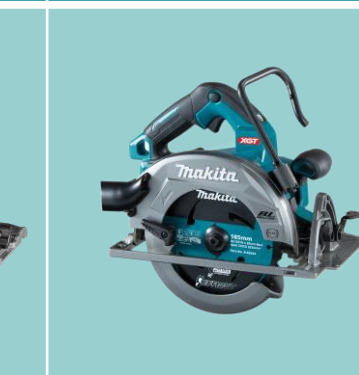


Optional compatible guide rail to ensure perfect cuts every time

Our Range



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	SP001G	RS002G	RS001G	HS004G	HS003G
					
Max. cutting capacities at 0°	56mm	95mm	65mm	60mm	66mm
Max. cutting capacities at 45°	40mm	70mm	45mm	43mm	45.5mm
Max. cutting capacities at max bevel	38mm	54.5mm	38mm	41mm	34mm
Bevel capacity	-1° - 48°	0°-56°	0°-53°	0° - 48°	0° - 56°
Blade diameter	165mm (6-1/2")	260mm (10-1/4")	185mm (7-1/4")	185mm (7-1/4")	185mm (7-1/4")
Bore diameter	20mm	30mm	20mm	20mm	20mm
No load speed	2,500 - 4,900rpm	4,000rpm	6,400rpm	6,000rpm	6,000rpm
Overall length	394mm	489mm	446mm	337mm	331mm
Skin weight	4.0kg	5.0kg	4.4kg	3.7kg	3.4kg
Weight (with battery)	5.0kg (BL4050F)	6.3kg (BL4050F)	5.6kg (BL4050F)	4.7kg (BL4040)	4.4kg (BL4040)
Voltage	40V Max	40V Max	40V Max	40V Max	40V Max

Standard Accessories		
	B-57358	Wood Efficut Blade 185mm x 24T
	783203-8	5mm Hex Wrench
	198901-5	Wireless Unit
	821552-6	Connector case type 4

Optional accessories		
	194368-5 194925-9 194367-7	Aluminium guide rail 1,400mm 1,900mm 3,000mm
	E-05664	Protective guide rail holder (suits 2 x 1400 rails with storage for 2 clamps)
	194385-5 199826-6	Clamp set to suit guide rails G-Clamp Quick Clamp
	196664-7	Bevel Guide set to suit guide rails
	413102-7 194419-4 194417-8	Guide rail replacement strips Type 1 – 3m running strips Type 2 – 3m splinter guide Type 3 – 3m guide rail seat
	198884-9 198884-9	Guide rail joiner 1 joiner set 2 joiner sets
		165mm Plunge cut saw blades Link to website

Extraction System

Model	Applicable Cuffs	Hose	Vacuum
	 <p>Front Cuff 38 – 195545-2 + 24mm Rubber Joint – 195546-0</p>	 <p>28mm diameter hose</p>	<p>DVC154L DVC862L DVC860L DVC750LX1 DVC265 DVC261 DVC260 VC2510LX1 VC3210LX1</p>
	 <p>24mm Quick Fit – P-70378</p>	 <p>32mm Quick Fit Hose</p>	<p>VC3012L VC3012M VC4210L VC4210M</p>
	 <p>24mm Quick Fit – P-81745</p>	 <p>32mm diameter</p>	<p>VC2012L</p>