



Battery Powered Random Orbit Sander
BO001CG / BO002CG / BO003CG / BO004CG

Battery Powered Orbital Sander
BO005CG / BO006CG / BO007CG



**Compact and lightweight design,
 Workability superior to pneumatic sanders**



**BO001CG, BO002CG
 BO003CG, BO004CG**



BO005CG



BO006CG



BO007CG

Battery Powered Random Orbit Sander

Model No.	Abrasive disc size	Orbit diameter
BO001CG	125 mm (5")	5.0 mm (3/16")
BO002CG	150 mm (6")	5.0 mm (3/16")
BO003CG	125 mm (5")	3.0 mm (1/8")
BO004CG	150 mm (6")	3.0 mm (1/8")



Battery Powered Orbital Sander

Abrasive paper size
 BO005CG: 80 x 130 mm
 BO007CG: 93 x 185 mm



Abrasive paper size
 BO006CG:
 Triangular
 100 x 150 mm

Work efficiency*1	
BO001CG	65% UP*2
BO002CG	30% UP*3
BO003CG	15% UP*2
BO004CG	10% UP*3
BO005CG	60% UP*2
BO006CG	60% UP*2
BO007CG	35% UP*2

*1 Compared when sanding SPF
*2 Compared with our 18V models
*3 Compared with our corded model



Battery Powered Random Orbit Sander

Orbit diameter: 5 mm

BO001CG 125 mm
BO002CG 150 mm

Orbit diameter: 3 mm

BO003CG 125 mm
BO004CG 150 mm



Battery Powered Orbital Sander

Orbit diameter: 3 mm

BO005CG

Pad shape is switchable

The pad can be switched to the triangular pad depending on applications.



Battery Powered Orbital Sander

Orbit diameter: 3 mm

BO006CG

Pad shape is switchable

The pad can be switched to the square pad depending on applications.



Battery Powered Orbital Sander

Orbit diameter: 2 mm

BO007CG

Abrasive paper is switchable

between hook and loop type and clamp type.



Excellent maneuverability

The tool's handle is designed to be as close as possible to the sanding surface and the center of gravity is optimally balanced to achieve excellent maneuverability during fine operations.

Low overall height

Our 18V model

169 mm

-63 mm

BO007CG

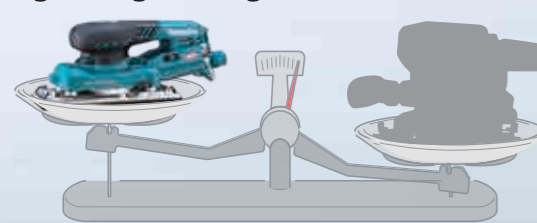
106 mm



[BO001CG/BO002CG/BO003CG/BO004CG: 96 mm]

[BO005CG/BO006CG: 99 mm]

Lightweight design



1.1 kg

BO007CG

2.1 kg

Our 18V model

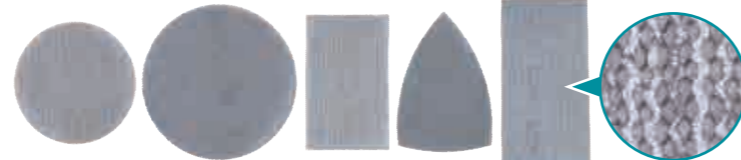
[BO001CG/BO002CG/BO003CG/BO004CG/BO005CG/BO006CG:
Nearly 0.7 kg lighter compare to our 18V models]

Overall height
-63 mm

Lightweight nearly
-1.0 kg

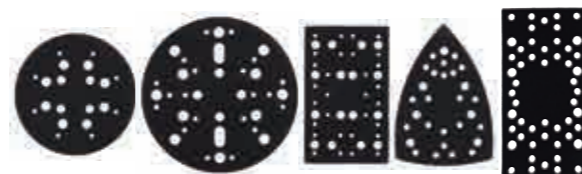
New abrasive disc and abrasive paper (net type)

- Compared with the current abrasive discs or papers, the net type abrasive discs or papers reduce the chance of being clogged with dust, allowing for long continuous operation.
- Improved efficiency for paints
- The abrasive discs or papers can be attached to the tool with the hook and loop fastener, allowing them to be attached to our current sanders.



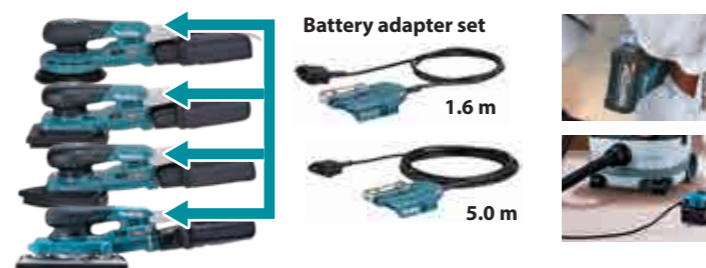
Pad saver for reducing wear of pad

- The replacement frequency of the pad, due to wear is reduced by attaching a replaceable pad saver between the pad and the abrasive disc or paper.
- Pad saver can be attached to the pad with the hook and loop fastener.



Connected via connector

- Battery adapter can be connected by inserting the connector into the tool.
- A large lever for easy one-hand attachment / detachment



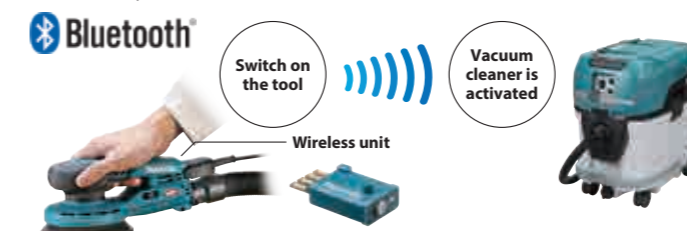
Connectable to Vacuum cleaners

Selectable from self dust collection (with dust bag attached) or forced dust collection (with vacuum cleaner connected) depending on applications



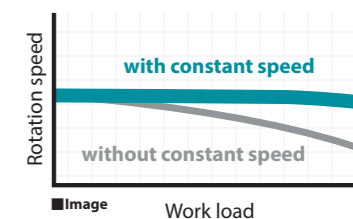
AWS Auto-start Wireless System

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



Constant speed control

Constant speed control suppresses rotation fluctuation to provide stable sanding.



Orbit diameter

5 mm | BO001CG
BO002CG

3 mm | BO003CG/BO004CG
BO005CG/BO006CG

2 mm | BO007CG

High efficiency



Dust bag

- The cap of Dust bag can be removed with a large lever in the same way as the connector of Battery adapter.
- Dust in Dust bag can be discharged easily.



XPT

(eXtreme Protection Technology)



Accessories

Battery adapter set

Length: 1.6m Length: 5.0m
 Part No. 1914H3-6 Part No. 1914H5-2
 1914N4-6 1914N5-4
 Battery adapter compatible with connector-style sander series



Pad125 set

For model: BO001CG, BO003CG
 1914J2-2



Pad150 set

For model: BO002CG, BO004CG
 1914J3-0



Pad saver disc

For model: BO001CG, BO003CG
 125mm: D-78704
 For model: BO002CG, BO004CG
 150mm: D-78760



Net sanding disc

Grit: A120
 For model: BO001CG, BO003CG
 125mm: D-78667
 For model: BO002CG, BO004CG
 150mm: D-78726



Protection cover set

Part No. 1914H7-8
 This accessory allows Battery to be carried on the back together with Backpack vacuum cleaner.



Triangle pad set

For model: BO005CG, BO006CG
 1914J0-6



Square pad set

For model: BO005CG, BO006CG
 1914H9-4



Harness set

Part No. 1914H8-6
 This accessory allows Battery to be carried on the back.



Pad complete set

A replacement pad for a worn out or damaged pad.
 For model: BO007CG
 1915E5-7



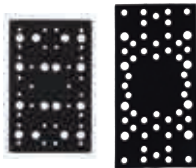
Pad complete set

For use with Abrasive paper or clamping type paper
 For model: BO007CG
 197464-8 / 194929-1



Pad saver sheet

For model: BO005CG
 80x130mm: D-78829
 For model: BO007CG
 93 x185mm: D-78885



Net sanding sheet

Grit: A120
 For model: BO005CG
 80x130mm: D-78782
 For model: BO007CG
 93 x185mm: D-78841



Punch plate set

A plastic plate for punching holes in abrasive papers.
 For BO007CG
 194947-9 / 194948-7



Pad saver delta

For model: BO006CG
 Size: 100x150mm
 D-78944



Net sanding delta

Grit: A120
 For model: BO006CG
 Size: 100x150mm
 D-78900



Tool hanger

The tool hanger can be hooked onto a hook (carabiner) attached to the waist belt.
 327D66-2
 (Standard Equipment)



Charging Time

40V L-ION max	Fast Charging	DC40RA	DC40RC
	*1 BL4020 2.0Ah	22 min	30 min
*1 BL4025 2.5Ah	28 min	38 min	
*1 BL4040/F 4.0Ah	45 min	67 min	
BL4050F 5.0Ah	50 min	85 min	
BL4080F 8.0Ah	76 min	170 min	

*1 Recommended battery

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	BO001CG	BO002CG	BO003CG	BO004CG	BO005CG	BO006CG	BO007CG
Variable Speed	6,000 - 10,000 min ⁻¹	6,000 - 10,000 min ⁻¹	6,000 - 10,000 min ⁻¹	6,000 - 10,000 min ⁻¹	6,000 - 10,000 min ⁻¹	6,000 - 10,000 min ⁻¹	6,000 - 12,000 min ⁻¹
Brake	Orbits per minute	Abrasive disc/ paper size	Orbit diameter	Sound pressure level* Noise K factor* Vibration level* Vibration K factor*	234 x 123 x 96 mm (L x W x H) Net weight (Tool only)	247 x 148 x 96 mm (9-3/4 x 5-7/8 x 3-3/4") (9-3/4 x 5-7/8 x 3-3/4") 0.98 kg (2.2 lbs.)	233 x 123 x 96 mm (9-1/8 x 4-7/8 x 3-3/4") (9-1/8 x 4-7/8 x 3-3/4") 0.91 kg (2.0 lbs.)
Constant Speed	5.0 mm (3/16")	5.0 mm (3/16")	3.0 mm (1/8")	3.0 mm (1/8")	3.0 mm (1/8")	3.0 mm (1/8")	3.0 mm (1/8")
Soft Start	78 dB(A)	78 dB(A)	77 dB(A)	77 dB(A)	73 dB(A)	76 dB(A)	77 dB(A)
Dust Collection	3 dB(A)	3 dB(A)	3 dB(A)	3 dB(A)	3 dB(A)	3 dB(A)	3 dB(A)
Hook & Loop	3.2 m/s ²	2.7 m/s ²	2.9 m/s ²	2.5 m/s ²	2.6 m/s ²	2.6 m/s ²	3.1 m/s ²
Anti-restart function	1.5 m/s ²	1.5 m/s ²	1.5 m/s ²	1.5 m/s ²	1.5 m/s ²	1.5 m/s ²	1.5 m/s ²
	236 x 80 x 99 mm (9-1/4 x 3-1/8 x 3-7/8")	263 x 100 x 99 mm (10-3/8 x 3-15/16 x 3-7/8")	246 x 148 x 96 mm (9-11/16 x 5-7/8 x 3-3/4")	236 x 80 x 99 mm (9-1/4 x 3-1/8 x 3-7/8")	263 x 100 x 99 mm (10-3/8 x 3-15/16 x 3-7/8")	263 x 92 x 106 mm (10-3/8 x 3-5/8 x 4-3/16")	263 x 92 x 106 mm (10-3/8 x 3-5/8 x 4-3/16")
	0.92 kg (2.0 lbs.)	0.98 kg (2.2 lbs.)	0.91 kg (2.0 lbs.)	0.96 kg (2.1 lbs.)	0.93 kg (2.1 lbs.)	0.93 kg (2.1 lbs.)	1.1 kg (2.4 lbs.)

Standard Equipment : Dust bag, Abrasive disc (BO001CG, BO002CG, BO003CG, BO004CG), Abrasive paper (BO005CG, BO006CG, BO007CG), Pad saver disc (BO001CG, BO002CG, BO003CG, BO004CG), Pad saver (BO005CG, BO006CG, BO007CG), Battery adapter, Arm band, Pad protector (BO005CG, BO006CG), Punch plate (BO007CG), Front cuff, Tool hanger, Battery, Charger
 *EN62841-2-4

The weight may differ depending on the attachment(s), including the battery cartridge.
 Items of standard equipment and specifications may vary by country or area.

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