

**RYOBI**®

2014



# POWER TOOLS

PROFESSIONAL'S CHOICES



**JAPAN TECHNOLOGY**



















# POWER TOOLS

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# Hammers / Drills / Drivers / Mixers

# Rotary Hammers

## ED-2620VR



(Photo: ED-2630VR)



Input	830 W (220 ~ 240 V)
Rotation Speed	0 ~ 1,100 min <sup>-1</sup>
Hammering Frequency	0 ~ 4,600 min <sup>-1</sup>
Drilling Capacity	26 mm (concrete)
Shank Type	SDS plus
Overall Dimensions	367 x 78 x 214 mm
Weight	2.7 kg

- \* Powerful 830 W motor (220 ~ 240V).
- \* 26 mm drilling capacity.
- \* 2-mode action (Drilling and hammer drilling).
- \* SDS plus shank holds bit securely.
- \* Position of auxiliary handle is adjustable with one hand.
- \* Pneumatic impact mechanism generates high impact force.
- \* Longer tool life thanks to extra dust proof mechanism.

## ED-2630VR



Input	830 W
Rotation Speed	0 ~ 1,100 min <sup>-1</sup>
Hammering Frequency	0 ~ 4,600 min <sup>-1</sup>
Drilling Capacity	26 mm (concrete)
Shank Type	SDS plus
Overall Dimensions	367 x 78 x 214 mm
Weight	2.7 kg

- \* Powerful 830 W motor.
- \* 26 mm drilling capacity.
- \* 4-mode action (Drilling, hammer drilling, hammer with rotation free and hammer with rotation stop).
- \* SDS plus shank holds bit securely.
- \* Position of auxiliary handle is adjustable with one hand.
- \* Pneumatic impact mechanism generates high impact force.
- \* Longer tool life thanks to extra dust proof mechanism.

## ED-400



(Photo: ED-450E)



Input	1,150 W
Impact Energy	10 joules
Rotation Speed	500 min <sup>-1</sup>
Hammering Frequency	2,900 min <sup>-1</sup>
Drilling Capacity	45 mm (concrete)
Shank Type	SDS MAX
Overall Dimensions	458 x 112 x 268 mm
Weight	7.4 kg

- \* Professional rotary hammer of SDS-MAX shank.
- \* 3-mode action (hammer with rotation stop, hammer with rotation free and hammer drilling).
- \* Automatic cut-off brush for longer tool life.
- \* Built-in handle shock absorber decreases the vibration.
- \* Grease packed lubrication provides long operation without special maintenance.

## ED-450E



Input	1,150 W
Impact Energy	10 joules
Rotation Speed	250 ~ 500 min <sup>-1</sup>
Hammering Frequency	1,450 ~ 2,900 min <sup>-1</sup>
Drilling Capacity	45 mm (concrete)
Shank Type	SDS MAX
Overall Dimensions	458 x 112 x 268 mm
Weight	7.4 kg

- \* Electronic speed control model of ED-400.
- \* 6-mode speed control with constant torque.
- \* Soft start prevents the drill bit slipping suddenly and ensures the accuracy of the drilling.



### Specifications

Model	Input	Rotation Speed	Hammering Frequency	Drilling Capacity	Shank Type	Overall Dimensions	Weight	
ED-2620VR	830 W (220 ~ 240 V)	0 ~ 1,100 min <sup>-1</sup>	0 ~ 4,600 min <sup>-1</sup>	26 mm (concrete)	SDS plus	367 x 78 x 214 mm	2.7 kg	
ED-2630VR	830 W	0 ~ 1,100 min <sup>-1</sup>	0 ~ 4,600 min <sup>-1</sup>	26 mm (concrete)	SDS plus	367 x 78 x 214 mm	2.7 kg	
Model	Input	Impact Energy	Rotation Speed	Hammering Frequency	Drilling Capacity	Shank Type	Overall Dimensions	Weight
ED-400	1,150 W	10 joules	500 min <sup>-1</sup>	2,900 min <sup>-1</sup>	45 mm (concrete)	SDS MAX	458 x 112 x 268 mm	7.4 kg
ED-450E	1,150 W	10 joules	250 ~ 500 min <sup>-1</sup>	1,450 ~ 2,900 min <sup>-1</sup>	45 mm (concrete)	SDS MAX	458 x 112 x 268 mm	7.4 kg

# Concrete Hammers

## CH-470



Input	1,050 W
Impact Energy	8.8 joules
Hammering Frequency	3,000 min <sup>-1</sup>
Shank Type	17 mm Hex
Overall Dimensions	445 x 106 x 231 mm
Weight	5.2 kg

- \* Professional concrete hammer.
- \* Built-in handle and barrel shock absorber decreases the vibration.
- \* Quick retainer enables the bull point to be easily changed.
- \* Automatic cut off brush for longer tool life.
- \* Grease packed lubrication provides long operation without special maintenance.
- \* Durable aluminium die cast components are used in major parts.

## CH-470R



Input	1,050 W
Impact Energy	8.8 joules
Hammering Frequency	3,000 min <sup>-1</sup>
Shank Type	19 mm Hex (EUR Shank)
Overall Dimensions	445 x 106 x 231 mm
Weight	5.2 kg

- \* 19 mm Hex European type shank version of CH-470.

## CH-485



Input	1,130 W
Impact Energy	15 joules
Hammering Frequency	1,800 min <sup>-1</sup>
Shank Type	21 mm Hex (STD / EUR Shank)
Overall Dimensions	509 x 102 x 254 mm
Weight	8.5 kg

- \* 21 mm hex shank model with high power motor.
- \* Standard or European shank model is also available.
- \* Automatic cut-off brush for longer tool life.
- \* Grease packed lubrication provides long operation without special maintenance.
- \* Durable aluminium die cast components are used in major parts.

## CH-500N



Input	1,350 W
Impact Energy	42 joules
Hammering Frequency	1,200 min <sup>-1</sup>
Shank Type	30 mm Hex
Overall Length	728 mm
Weight	17.0 kg

- \* 30 mm hex shank model for professional heavy duty use.
- \* Automatic cut-off brush for longer tool life.
- \* Grease packed lubrication provides long operation without special maintenance.

## CH-500P



Input	1,250 W
Impact Energy	42 joules
Hammering Frequency	1,300 min <sup>-1</sup>
Shank Type	30 mm Hex
Overall Length	728 mm
Weight	16.7 kg

- \* Double Insulation model of CH-500N.



### Specifications

Model	Input	Impact Energy	Hammering Frequency	Shank Type	Overall Dimensions	Weight
CH-470	1,050 W	8.8 joules	3,000 min <sup>-1</sup>	17 mm Hex	445 x 106 x 231 mm	5.2 kg
CH-470R	1,050 W	8.8 joules	3,000 min <sup>-1</sup>	19 mm Hex (EUR Shank)	445 x 106 x 231 mm	5.2 kg
CH-485	1,130 W	15 joules	1,800 min <sup>-1</sup>	21 mm Hex (STD / EUR Shank)	509 x 102 x 254 mm	8.5 kg
CH-500N	1,350 W	42 joules	1,200 min <sup>-1</sup>	30 mm Hex	728 mm	17.0 kg
CH-500P	1,250 W	42 joules	1,300 min <sup>-1</sup>	30 mm Hex	728 mm	16.7 kg

# Cordless Driver Drills

## BDX-1



Voltage	3.6 V
Shank Type	6.35 mm Hex Bit
Maximum Torque	2.75 N·m
Screwing Capacity	5 mm screw
Rotation Speed	180 min <sup>-1</sup>
Charge Time	2.5 hours
Battery Type	Li-Ion (Built In)
Overall Dimensions	153 x 106 mm
Weight	0.3 kg

- \* Compact Li-Ion battery screw driver.
- \* Front LED light for clear perspective, and rear LED light provides the information of rotation mode (front/reverse).
- \* 300g ultra light.

## BD-72KT



Voltage	7.2 V
Chuck Size	10 mm
Maximum Torque	12.0 N·m
Drilling Capacity (wood)	12 mm
Rotation Speed	0 ~ 270 / 0 ~ 770 min <sup>-1</sup> (2-gear speed)
Charge Time	60 minutes
Battery Type	Ni-Cd, 1,300 mAh
Overall Dimensions	198 x 57 x 232 mm
Weight	1.2 kg

- \* 7.2 V compact cordless driver drill.
- \* 2-mode variable speed feature.
- \* Bit and socket set (14 types) are attached as the standard accessory.

## BD-92



Voltage	9.6 V
Chuck Size	10 mm
Maximum Torque	15.0 N·m
Drilling Capacity (wood)	15 mm
Rotation Speed	0 ~ 290 / 0 ~ 820 min <sup>-1</sup> (2-gear speed)
Charge Time	60 minutes
Battery Type	Ni-Cd, 1,300 mAh
Overall Dimensions	198 x 72 x 232 mm
Weight	1.35 kg

- \* 9.6 V compact cordless driver drill.
- \* 2-mode variable speed.

## BD-122



Voltage	12 V
Chuck Size	10 mm
Maximum Torque	26.0 N·m
Drilling Capacity (wood)	25 mm
Rotation Speed	0 ~ 350 / 0 ~ 1,050 min <sup>-1</sup> (2-gear speed)
Charge Time	30 minutes
Battery Type	Ni-Cd, 1,300 mAh
Overall Dimensions	198 x 76 x 234 mm
Weight	1.5 kg

- \* 12 V powerful cordless driver drill.
- \* 2-mode variable speed.
- \* 26 N·m high torque.
- \* 30 minutes quick charger.

## BDM-143



Voltage	14.4 V
Chuck Size	13 mm
Maximum Torque	38.0 N·m
Drilling Capacity (wood)	27 mm
Rotation Speed	0 ~ 350 / 0 ~ 1,300 min <sup>-1</sup> (2-gear speed)
Charge Time	27 minutes
Battery Type	Li-Ion, 3,000 mAh
Overall Dimensions	200 x 78 x 240 mm
Weight	1.7 kg

- \* Li-Ion Battery driver drill.
- \* 38 N·m high torque.
- \* 27 minutes quick charger.



### Specifications

Model	Voltage	Shank Type	Maximum Torque	Screwing Capacity	Rotation Speed	Charge Time	Battery Type	Overall Dimensions	Weight
BDX-1	3.6 V	6.35 mm Hex Bit	2.75 N·m	5 mm screw	180 min <sup>-1</sup>	2.5 hours	Li-Ion (Built In)	153 x 106 mm	0.3 kg
Model	Voltage	Chuck Size	Maximum Torque	Drilling Capacity (wood)	Rotation Speed	Charge Time	Battery Type	Overall Dimensions	Weight
BD-72KT	7.2 V	10 mm	12.0 N·m	12 mm	0 ~ 270 / 0 ~ 770 min <sup>-1</sup> (2-gear speed)	60 minutes	Ni-Cd, 1,300 mAh	198 x 57 x 232 mm	1.2 kg
BD-92	9.6 V	10 mm	15.0 N·m	15 mm	0 ~ 290 / 0 ~ 820 min <sup>-1</sup> (2-gear speed)	60 minutes	Ni-Cd, 1,300 mAh	198 x 72 x 232 mm	1.35 kg
BD-122	12 V	10 mm	26.0 N·m	25 mm	0 ~ 350 / 0 ~ 1,050 min <sup>-1</sup> (2-gear speed)	30 minutes	Ni-Cd, 1,300 mAh	198 x 76 x 234 mm	1.5 kg
BDM-143	14.4 V	13 mm	38.0 N·m	27 mm	0 ~ 350 / 0 ~ 1,300 min <sup>-1</sup> (2-gear speed)	27 minutes	Li-Ion, 3,000 mAh	200 x 78 x 240 mm	1.7 kg



# Cordless Impact Drivers

## BID-1228



Voltage	12 V
Maximum Torque	120 N·m
Drilling Capacity	- Screw M4 ~ M8 - Bolt M5 ~ M10
Rotation Speed	0 ~ 1,600 / 0 ~ 2,200 min <sup>-1</sup>
Charge Time	30 minutes
Battery Type	Ni-Cd, 1,300 mAh
Overall Dimensions	183 x 76 x 236 mm
Weight	1.6 kg

- \* Powerful cordless impact driver.
- \* Bright LED light.
- \* Packed in the luxury soft carrying case.

## BID-1415



Voltage	14.4 V
Maximum Torque	135 N·m
Drilling Capacity	- Screw M4 ~ M8 - Bolt M5 ~ M14
Rotation Speed	0 ~ 2,500 min <sup>-1</sup>
Charge Time	45 minutes
Battery Type	Li-ion 1,500 mAh
Overall Dimensions	168 x 61 x 221 mm
Weight	1.4 kg

- \* Powerful Li-ion battery impact driver.
- \* High-power 135 N·m.
- \* Compact and light-weight design
- \* Bright LED.
- \* Carrying case comes with.

## BID-143



Voltage	14.4 V
Maximum Torque	150 N·m
Drilling Capacity	- Screw M4 ~ M8 - Bolt M5 ~ M14
Rotation Speed	0 ~ 1,800 / 0 ~ 2,500 min <sup>-1</sup>
Charge Time	27 minutes
Battery Type	Li-Ion, 3,000 mAh
Overall Dimensions	145 x 82 x 240 mm
Weight	1.4 kg

- \* 3,000 mAh model of BID-1440.

# Impact Drivers / Wrench

## ID-122



Input	250 W
Maximum Torque	80 - 130 N·m
Rotation Speed	0 ~ 1,800 / 0 ~ 3,100 min <sup>-1</sup>
Blows Per Minutes	0 ~ 2,000 / 0 ~ 3,200 min <sup>-1</sup>
Overall Dimensions	215 x 82 x 215 mm
Weight	1.3 kg

- \* High torque impact driver.
- \* Compact and ergonomic housing for comfortable operation.
- \* Bright LED for clear perspective.
- \* Quick bit change.
- \* Carbon brush can be changed easily thanks to the external brush cap.

## IW-2000



Input	320 W
Maximum Torque	200 N·m
Rotation Speed	0 ~ 2,400 / 0 ~ 3,100 min <sup>-1</sup>
Blows Per Minutes	0 ~ 2,500 / 0 ~ 3,200 min <sup>-1</sup>
Overall Dimensions	233 x 73 x 205 mm
Weight	1.5 kg

- \* Powerful impact wrench with 4 m power cord.
- \* Packed in the injection plastic case.

### Specifications

Model	Voltage	Maximum Torque	Drilling Capacity	Rotation Speed	Charge Time	Battery Type	Overall Dimensions	Weight
BID-1228	12 V	120 N·m	- Screw M4 ~ M8 - Bolt M5 ~ M10	0 ~ 1,600 / 0 ~ 2,200 min <sup>-1</sup>	30 minutes	Ni-Cd, 1,300 mAh	183 x 76 x 236 mm	1.6 kg
BID-1415	14.4 V	135 N·m	- Screw M4 ~ M8 - Bolt M5 ~ M14	0 ~ 2,500 min <sup>-1</sup>	45 minutes	Li-Ion, 1,500 mAh	168 x 61 x 221 mm	1.4 kg
BID-143	14.4 V	150 N·m	- Screw M4 ~ M8 - Bolt M5 ~ M14	0 ~ 1,800 / 0 ~ 2,500 min <sup>-1</sup>	27 minutes	Li-Ion, 3,000 mAh	145 x 82 x 240 mm	1.4 kg

Model	Input	Maximum Torque	Rotation Speed	Blows Per Minutes	Overall Dimensions	Weight
ID-122	250 W	80 - 130 N·m	0 ~ 1,800 / 0 ~ 3,100 min <sup>-1</sup>	0 ~ 2,000 / 0 ~ 3,200 min <sup>-1</sup>	215 x 82 x 215 mm	1.3 kg
IW-2000	320 W	200 N·m	0 ~ 2,400 / 0 ~ 3,100 min <sup>-1</sup>	0 ~ 2,500 / 0 ~ 3,200 min <sup>-1</sup>	233 x 73 x 205 mm	1.5 kg

# Drills

## MD-12R



Input	240 W
Chuck Size	10 mm
Drilling Capacity	- Wood 13 mm - Steel 10 mm
Rotation Speed	2,100 min <sup>-1</sup>
Overall Dimensions	216 x 60 x 200 mm
Weight	1.0 kg

\* Compact keyless chuck drill.

## MD-12VR



Input	240 W
Chuck Size	10 mm
Drilling Capacity	- Wood 13 mm - Steel 10 mm
Rotation Speed	0 ~ 2,100 min <sup>-1</sup>
Overall Dimensions	216 x 60 x 200 mm
Weight	1.0 kg

\* Variable speed version of MD-12R.

## D-110VR



Input	500 W
Chuck Size	10 mm
Drilling Capacity	- Wood 25 mm - Steel 10 mm
Rotation Speed	0 ~ 2,800 min <sup>-1</sup>
Overall Dimensions	260 x 64 x 187 mm
Weight	1.4 kg

\* High power and compact drill.

## D-135VR



(Photo : D-110VR)



Input	500 W
Chuck Size	13 mm
Drilling Capacity	- Wood 25 mm - Steel 13 mm
Rotation Speed	0 ~ 2,800 min <sup>-1</sup>
Overall Dimensions	260 x 64 x 187 mm
Weight	1.4 kg

\* 13 mm chuck model of D-110VR.

## D-1300VR



Input	610 W
Chuck Size	13 mm
Drilling Capacity	- Wood 30 mm - Steel 13 mm
Rotation Speed	0 ~ 1,100 min <sup>-1</sup>
Overall Dimensions	352 x 80 x 153 mm
Weight	2.1 kg

\* High Power and variable speed Drill.  
\* D-shape handle enables heavy duty drilling works.  
\* Durable die casting gear case.

## D-400R



Input	800 W
Chuck Size	13 mm
Drilling Capacity	- Wood 40 mm - Steel 13 mm
Rotation Speed	1,000 min <sup>-1</sup>
Overall Dimensions	352 x 92 x 138 mm
Weight	2.6 kg

\* High end model of portable drill.  
\* Extra accuracy for professional usage.  
\* Durable die casting gear case.  
\* D-shape handle ensures strong grip and helps your professional work.

### Specifications

Model	Input	Chuck Size	Drilling Capacity	Rotation Speed	Overall Dimensions	Weight
MD-12R	240 W	10 mm	- Wood 13 mm - Steel 10 mm	2,100 min <sup>-1</sup>	216 x 60 x 200 mm	1.0 kg
MD-12VR	240 W	10 mm	- Wood 13 mm - Steel 10 mm	0 ~ 2,100 min <sup>-1</sup>	216 x 60 x 200 mm	1.0 kg
D-110VR	500 W	10 mm	- Wood 25 mm - Steel 10 mm	0 ~ 2,800 min <sup>-1</sup>	260 x 64 x 187 mm	1.4 kg
D-135VR	500 W	13 mm	- Wood 25 mm - Steel 13 mm	0 ~ 2,800 min <sup>-1</sup>	260 x 64 x 187 mm	1.4 kg
D-1300VR	610 W	13 mm	- Wood 30 mm - Steel 13 mm	0 ~ 1,100 min <sup>-1</sup>	352 x 80 x 153 mm	2.1 kg
D-400R	800 W	13 mm	- Wood 40 mm - Steel 13 mm	1,000 min <sup>-1</sup>	352 x 92 x 138 mm	2.6 kg

# Impact Drills

## PD-130VR



Input	650 W
Chuck Size	13 mm
Drilling Capacity	- Wood 25 mm - Steel 13 mm - Masonry 13 mm
Rotation Speed	0 ~ 3,000 min <sup>-1</sup>
Blows Per Minutes	0 ~ 30,000 min <sup>-1</sup>
Overall Dimensions	299 x 66 x 198 mm
Weight	2.2 kg

- \* High power 650 W motor.
- \* Soft grip handle for fatigue free operation.
- \* Ergonomic and slim body.

## PD-196VR



Input	710 W
Chuck Size	13 mm
Drilling Capacity	- Wood 25 mm - Steel 13 mm - Masonry 19 mm
Rotation Speed	0 ~ 2,600 min <sup>-1</sup>
Blows Per Minutes	0 ~ 46,800 min <sup>-1</sup>
Overall Dimensions	299 x 66 x 198 mm
Weight	1.75 kg

- \* High power and easy-to-use.
- \* Soft grip handle for fatigue free operation.
- \* Ergonomic and slim body.
- \* Plastic carrying case.

## PD-1970VR



Input	710 W
Chuck Size	13 mm
Drilling Capacity	- Wood 40 mm - Steel 13 mm - Masonry 19 mm
Rotation Speed	0 ~ 1,250 / 0 ~ 2,700 min <sup>-1</sup>
Blows Per Minutes	0 ~ 20,000 / 0 ~ 43,200 min <sup>-1</sup>
Overall Dimensions	340 x 78 x 198 mm
Weight	2.5 kg

- \* High power impact drill.
- \* Aluminium die casting gear case for extra durability.
- \* 2-mode variable speed for various applications.
- \* Easy change of operation mode, impact drilling mode / drilling mode.
- \* Soft grip on side and main handle for fatigue free operation.

Hammers / Drills / Drivers / Mixers

# Power Mixers

## PM-311



\* The fan may be different from what is in the picture.

Input	800 W
Rotation Speed	300 min <sup>-1</sup>
Overall Dimensions	890 x 90 x 138 mm
Weight	2.7 kg

- \* Torqueful low speed rotation model.
- \* Appropriate for mixing of viscous materials such as the cement.

## PM-1011



\* The fan may be different from what is in the picture.

Input	800 W
Rotation Speed	1,000 min <sup>-1</sup>
Overall Dimensions	855 x 86 x 138 mm
Weight	2.5 kg

- \* For perfect mixing of the paint, cement, concrete and various materials.
- \* High power and durable model for professional use.
- \* Light weight and easy-to-operate weight balance.

## PMT-1362



\* The fan may be different from what is in the picture.

Input	780 W
Rotation Speed	600 / 1,300 min <sup>-1</sup>
Overall Dimensions	880 x 92 x 138 mm
Weight	3.0 kg

- \* High power and light weight model.
- \* 2-speed rotation can be used for mixing of any kinds of materials.
- \* Easy carbon brush change by external carbon brush.
- \* Handle can be attached to both side of mixer.

### Specifications

Model	Input	Chuck Size	Drilling Capacity	Rotation Speed	Blows Per Minutes	Overall Dimensions	Weight
PD-130VR	650 W	13 mm	- Wood 25 mm - Steel 13 mm - Masonry 13 mm	0 ~ 3,000 min <sup>-1</sup>	0 ~ 30,000 min <sup>-1</sup>	299 x 66 x 198 mm	2.2 kg
PD-196VR	710 W	13 mm	- Wood 25 mm - Steel 13 mm - Masonry 19 mm	0 ~ 2,600 min <sup>-1</sup>	0 ~ 46,800 min <sup>-1</sup>	299 x 66 x 198 mm	1.75 kg
PD-1970VR	710 W	13 mm	- Wood 40 mm - Steel 13 mm - Masonry 19 mm	0 ~ 1,250 / 0 ~ 2,700 min <sup>-1</sup>	0 ~ 20,000 / 0 ~ 43,200 min <sup>-1</sup>	340 x 78 x 198 mm	2.5 kg

Model	Input	Rotation Speed	Overall Dimensions	Weight
PM-311	800 W	300 min <sup>-1</sup>	890 x 90 x 138 mm	2.7 kg
PM-1011	800 W	1,000 min <sup>-1</sup>	855 x 86 x 138 mm	2.5 kg
PMT-1362	780 W	600 / 1,300 min <sup>-1</sup>	880 x 92 x 138 mm	3.0 kg



# Grinders

# Angle Grinders

## SG-1008T



Grinding wheel is the optional accessory.

Input	750 W
Wheel Size	100 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Rear Toggle
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

- \* Advanced design, powerful and durable 100 mm angle grinder.
- \* "Labyrinth shields" as dust-proof for longer durability.
- \* Low profile aluminium die casting gear case allows working in small space.
- \* Rear Toggle switch useful for long time operation.

## SG-1008



Grinding wheel is the optional accessory.

Input	750 W
Wheel Size	100 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

- \* Safety slide switch version of SG-1008T.

## SG-1158



Grinding wheel is the optional accessory.

Input	750 W
Wheel Size	115 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

- \* 115 mm version of SG-1008 .

## SG-1258



Grinding wheel is the optional accessory.

Input	750 W
Wheel Size	125 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

- \* 125 mm version of SG-1008 .

## G-1000X



(Photo: G-1150X)



Grinding wheel is the optional accessory.

Input	730 W
Wheel Size	100 mm
Rotation Speed	12,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	56 mm
Overall Dimensions	255 x 117 x 89 mm
Weight	1.5 kg

- \* Super slim housing for perfect comfort and operation.
- \* "Labyrinth shields" as dust-proof for longer durability.
- \* Double motor protection by epoxy for longer motor life.
- \* Low profile aluminum die casting gear case allows working in small space.

## G-1150X



Grinding wheel is the optional accessory.

Input	730 W
Wheel Size	115 mm
Rotation Speed	12,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	56 mm
Overall Dimensions	255 x 117 x 89 mm
Weight	1.5 kg

- \* 115 mm version of G-1000X.

### Specifications

Model	Input	Wheel Size	Rotation Speed	Switch Type	Housing Diameter	Overall Dimensions	Weight
SG-1008T	750 W	100 mm	11,000 min <sup>-1</sup>	Rear Toggle	62 mm	280 x 120 x 106 mm	1.5 kg
SG-1008	750 W	100 mm	11,000 min <sup>-1</sup>	Slide	62 mm	280 x 120 x 106 mm	1.5 kg
SG-1158	750 W	115 mm	11,000 min <sup>-1</sup>	Slide	62 mm	280 x 120 x 106 mm	1.5 kg
SG-1258	750 W	125 mm	11,000 min <sup>-1</sup>	Slide	62 mm	280 x 120 x 106 mm	1.5 kg
G-1000X	730 W	100 mm	12,000 min <sup>-1</sup>	Slide	56 mm	255 x 117 x 89 mm	1.5 kg
G-1150X	730 W	115 mm	12,000 min <sup>-1</sup>	Slide	56 mm	255 x 117 x 89 mm	1.5 kg

# Angle Grinders

## G-1250X



(Photo: G-1150X)



Grinding wheel is the optional accessory.

Input	730 W
Wheel Size	125 mm
Rotation Speed	12,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	56 mm
Overall Dimensions	255 x 117 x 89 mm
Weight	1.5 kg

\* 125 mm version of G-1000X.

## G-1008T



Grinding wheel is the optional accessory.

Input	1,000 W
Wheel Size	100 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Rear Toggle
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

- \* Powerful 1,000 W model of SG-1008T.
- \* Advanced design, powerful and durable 100 mm angle grinder.
- \* "Labyrinth shields" as dust-proof for longer durability.
- \* Low profile aluminium die casting gear case allows working in small space.
- \* Rear Toggle switch useful for long time operation.

## G-1008



Grinding wheel is the optional accessory.

Input	1,000 W
Wheel Size	100 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

\* Safety slide switch version of G-1008T.

## G-1158



Grinding wheel is the optional accessory.

Input	1,000 W
Wheel Size	115 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

\* 115 mm version of G-1008.

## G-1258



Grinding wheel is the optional accessory.

Input	1,000 W
Wheel Size	125 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Slide
Housing Diameter	62 mm
Overall Dimensions	280 x 120 x 106 mm
Weight	1.5 kg

\* 125 mm version of G-1008.

## G-110



Input	730 W
Wheel Size	100 mm
Rotation Speed	12,000 min <sup>-1</sup>
Switch Type	Rear Toggle
Housing Diameter	50 mm
Overall Dimensions	257 x 120 x 104 mm
Weight	1.5 kg

\* Ultra slim housing grinder.

### Specifications

Model	Input	Wheel Size	Rotation Speed	Switch Type	Housing Diameter	Overall Dimensions	Weight
G-1250X	730 W	125 mm	12,000 min <sup>-1</sup>	Slide	56 mm	255 x 117 x 89 mm	1.5 kg
G-1008T	1,000 W	100 mm	11,000 min <sup>-1</sup>	Rear Toggle	62 mm	280 x 120 x 106 mm	1.5 kg
G-1008	1,000 W	100 mm	11,000 min <sup>-1</sup>	Slide	62 mm	280 x 120 x 106 mm	1.5 kg
G-1158	1,000 W	115 mm	11,000 min <sup>-1</sup>	Slide	62 mm	280 x 120 x 106 mm	1.5 kg
G-1258	1,000 W	125 mm	11,000 min <sup>-1</sup>	Slide	62 mm	280 x 120 x 106 mm	1.5 kg
G-110	730 W	100 mm	12,000 min <sup>-1</sup>	Rear Toggle	50 mm	257 x 120 x 104 mm	1.5 kg

## Angle Grinders

### RG-100



Input	350 W
Wheel Size	100 mm
Rotation Speed	10,000 min <sup>-1</sup>
Switch Type	On-off
Housing Diameter	33.6 mm
Overall Dimensions	312 x 120 x 104 mm
Weight	1.4 kg

- \* Ultra slim housing thanks to the REAR MOTOR STRUCTURE.
- \* Ideal weight balance.
- \* For grinding work which requires the fine surfaces.

### SGL-1160 / SGL-1160K



Input	750 W
Wheel Size	115 mm
Rotation Speed	11,000 min <sup>-1</sup>
Switch Type	Long handle trigger type
Overall Dimensions	332 x 140 x 116 mm
Weight	1.7 kg

- \* Long handle grinder.
- \* SGL-1160K comes with plastic case.

## Large Angle Grinders

### G-1260



Input	1,100 W
Wheel Size	125 mm
Rotation Speed	11,000 min <sup>-1</sup>
Overall Length	427 mm
Weight	3.2 kg

- \* Industrial 125 mm grinder.
- \* External brush cap for easy carbon brush replacement.
- \* Low profile gear head for easy operation.
- \* Dust proof engineering ensures longer life and less maintenance.

## Large Angle Grinders

### G-1510



Input	1,100 W
Wheel Size	150 mm
Rotation Speed	11,000 min <sup>-1</sup>
Overall Length	427 mm
Weight	3.3 kg

- \* Industrial 150 mm grinder.
- \* External brush cap for easy carbon brush replacement.
- \* Low profile gear head for easy operation.
- \* Dust proof housing design ensures longer life and less maintenance.

### G-182



Input	2,100 W
Wheel Size	180 mm
Rotation Speed	8,500 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.5 kg

- \* Grinding wheel is the optional accessory.
- \* Industrial 180 mm grinder.
- \* External brush cap for easy carbon brush replacement.
- \* Low profile gear head for easy operation.
- \* Dust proof housing design ensures longer life and less maintenance.

### G-183



Input	2,400 W
Wheel Size	180 mm
Rotation Speed	8,500 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.5 kg

- \* Grinding wheel is the optional accessory.
- \* 2,400 W model of G-182.

### Specifications

Model	Input	Wheel Size	Rotation Speed	Switch Type	Housing Diameter	Overall Dimensions	Weight
RG-100	350 W	100 mm	10,000 min <sup>-1</sup>	On-off	33.6 mm	312 x 120 x 104 mm	1.4 kg
SGL-1160 / SGL-1160K	750 W	115 mm	11,000 min <sup>-1</sup>	Long handle trigger type	-	332 x 140 x 116 mm	1.7 kg

Model	Input	Wheel Size	Rotation Speed	Overall Length	Weight
G-1260	1,100 W	125 mm	11,000 min <sup>-1</sup>	427 mm	3.2 kg
G-1510	1,100 W	150 mm	11,000 min <sup>-1</sup>	427 mm	3.3 kg
G-182	2,100 W	180 mm	8,500 min <sup>-1</sup>	481 mm	4.5 kg
G-183	2,400 W	180 mm	8,500 min <sup>-1</sup>	481 mm	4.5 kg

# Large Angle Grinders

## G-232



\* Grinding wheel is the optional accessory.



Input	2,100 W
Wheel Size	230 mm
Rotation Speed	6,600 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.8 kg

- \* Industrial 230 mm grinder.
- \* External brush cap for easy carbon brush replacement.
- \* Low profile gear head for easy operation.
- \* Dust proof housing design ensures longer life and less maintenance.

## G-233



\* Grinding wheel is the optional accessory.



Input	2,400 W
Wheel Size	230 mm
Rotation Speed	6,600 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.8 kg

- \* 2,400 W model of G-232.

## G-1830



\* Grinding wheel is the optional accessory.



Input	2,100 W
Wheel Size	180 mm
Rotation Speed	8,500 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.6 kg

- \* High end professional model of 180 mm grinder.
- \* Comfortable operation and various application, grinding and cutting, by rotate rear handle and light weight body.
- \* Automatic cut off brush prevents the unexpected break of the machine.

## G-1860



\* Grinding wheel is the optional accessory.



Input	2,400 W
Wheel Size	180 mm
Rotation Speed	8,500 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.6 kg

- \* 2,400 W high power model of G-1830.

## G-2330



\* Grinding wheel is the optional accessory.



Input	2,100 W
Wheel Size	230 mm
Rotation Speed	6,600 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.9 kg

- \* High end professional model of 230 mm grinder.
- \* Comfortable operation and various application, grinding and cutting, by rotate rear handle and light weight body.
- \* Automatic cut off brush prevents the unexpected break of the machine.

## G-2360



\* Grinding wheel is the optional accessory.



Input	2,400 W
Wheel Size	230 mm
Rotation Speed	6,600 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.9 kg

- \* 2,400 W high power model of G-2330.

### Specifications

Model	Input	Wheel Size	Rotation Speed	Overall Length	Weight
G-232	2,100 W	230 mm	6,600 min <sup>-1</sup>	481 mm	4.8 kg
G-233	2,400 W	230 mm	6,600 min <sup>-1</sup>	481 mm	4.8 kg
G-1830	2,100 W	180 mm	8,500 min <sup>-1</sup>	481 mm	4.6 kg
G-1860	2,400 W	180 mm	8,500 min <sup>-1</sup>	481 mm	4.6 kg
G-2330	2,100 W	230 mm	6,600 min <sup>-1</sup>	481 mm	4.9 kg
G-2360	2,400 W	230 mm	6,600 min <sup>-1</sup>	481 mm	4.9 kg



## Large Angle Grinders

### G-2360CL



\* Grinding wheel is the optional accessory.



Input	2,400 W
Wheel Size	230 mm
Rotation Speed	6,600 min <sup>-1</sup>
Overall Length	481 mm
Weight	4.9 kg

- \* Electric speed control model of G-2360.
- \* Soft start prevents reaction of the machine at the start of the operation.

## Die Grinder

### G-601



Input	470 W
Collet Size	6 mm / 1/4"
Rotation Speed	25,000 min <sup>-1</sup>
Overall Length	359 mm
Weight	1.6 kg

- \* For grinding/polishing of the die, mold and various tooling.
- \* Either inch or metric collet is available.
- \* Rear toggle switch is convenient for continuous operation.



## Bench Grinders

### HBG-6E



Input	250 W
Wheel Size	150 mm
Rotation Speed	2,850 min <sup>-1</sup>
Overall Length	380 mm
Weight	9.0 kg

- \* Compact and high power bench grinder.

### BG-800



Input	375 W
Wheel Size	180 mm
Rotation Speed	2,850 min <sup>-1</sup>
Overall Length	420 mm
Weight	18.1 kg

- \* High power bench grinder.



### Specifications

Model	Input	Wheel Size	Rotation Speed	Overall Length	Weight
G-2360CL	2,400 W	230 mm	6,600 min <sup>-1</sup>	481 mm	4.9 kg
Model	Input	Collet Size	Rotation Speed	Overall Length	Weight
G-601	470 W	6 mm / 1/4"	25,000 min <sup>-1</sup>	359 mm	1.6 kg
Model	Input	Wheel Size	Rotation Speed	Overall Length	Weight
HBG-6E	250 W	150 mm	2,850 min <sup>-1</sup>	380 mm	9.0 kg
BG-800	375 W	180 mm	2,850 min <sup>-1</sup>	420 mm	18.1 kg



# Cutting Machines

## Concrete Cutter

### C-125A



\* Diamond blade is the optional accessory.

Input	1,050 W
Blade Diameter	110 ~ 125 mm
Blade Bore	20 mm
Max Cutting Capacity	41.5 mm
Rotation Speed	12,000 min <sup>-1</sup>
Overall Length	214 mm
Weight	2.9 kg

\* Wet type high power concrete cutter.

\* Easy watering device for wet cutting ensures cutting work without the dust.

## Cutting Saws

### C-3050



Input	2,100 W (220 ~ 240 V) 1,800 W (100 ~ 120 V)
Blade Diameter	305 mm
Blade Bore	25.4 mm
Max Cutting Capacity	- Round Pipe 105 mm - Rectangle Pipe 55 x 220 mm - Angle Steel 100 x 100 mm
Rotation Speed	3,800 min <sup>-1</sup>
Overall Dimensions	560 x 285 x 640 mm
Weight	14.0 kg

\* 305 mm powerful and durable cutting saw for professional usage.

\* Superior cutting capacity thanks to the newly designed table.

\* Stable base table ensures the accurate cutting work.

### C-3560



Input	2,100 W (220 ~ 240 V) 1,800 W (100 ~ 120 V)
Blade Diameter	355 mm
Blade Bore	25.4 mm
Max Cutting Capacity	- Round Pipe 120 mm - Rectangle Pipe 75 x 130 mm - Angle Steel 138 x 138 mm
Rotation Speed	3,800 min <sup>-1</sup>
Overall Dimensions	560 x 285 x 640 mm
Weight	15.0 kg

\* 355 mm powerful and durable cutting saw for professional.

\* Superior cutting capacity thanks to the newly designed table.

\* Stable base table ensures the accurate cutting work.

\* With-safety guard model is also available.



### Specifications

Model	Input	Blade Diameter	Blade Bore	Max Cutting Capacity	Rotation Speed	Overall Length	Weight
C-125A	1,050 W	110 ~ 125 mm	20 mm	41.5 mm	12,000 min <sup>-1</sup>	214 mm	2.9 kg
Model	Input	Blade Diameter	Blade Bore	Max Cutting Capacity	Rotation Speed	Overall Dimensions	Weight
C-3050	2,100 W (220 ~ 240 V) 1,800 W (100 ~ 120 V)	305 mm	25.4 mm	- Round Pipe 105 mm - Rectangle Pipe 55 x 220 mm - Angle Steel 100 x 100 mm	3,800 min <sup>-1</sup>	560 x 285 x 640 mm	14.0 kg
C-3560	2,100 W (220 ~ 240 V) 1,800 W (100 ~ 120 V)	355 mm	25.4 mm	- Round Pipe 120 mm - Rectangle Pipe 75 x 130 mm - Angle Steel 138 x 138 mm	3,800 min <sup>-1</sup>	560 x 285 x 640 mm	15.0 kg



# Saws / Planers

# Circular Saws

## W-1700



Input	1,010 W
Blade Diameter	165 mm
Blade Bore	20 mm
Max Cutting Capacity	57 mm (90 degrees)
Rotation Speed	4,700 min <sup>-1</sup>
Overall Dimensions	266 x 220 x 228 mm
Weight	2.9 kg

- \* Powerful 165 mm blade circular saw for professional usage.
- \* Special feature for accurate cutting.
  - Both side bevel adjust bracket.
  - Perpendicularity adjustment screw.
- \* Wide gripping space in handle thanks to the unique mount of motor housing.

## W-1900



Input	1,050 W
Blade Diameter	190 mm
Blade Bore	20 mm
Max Cutting Capacity	68 mm (90 degrees)
Rotation Speed	4,700 min <sup>-1</sup>
Overall Dimensions	290 x 226 x 242 mm
Weight	3.3 kg

- \* Powerful 190 mm blade circular saw for professional usage.
- \* Special feature for accurate cutting.
  - Both side bevel adjust bracket.
  - Perpendicularity adjustment screw.
- \* Wide gripping space in handle thanks to the unique mount of motor housing.

## W-1900D



Input	1,050 W
Blade Diameter	190 mm
Blade Bore	20 mm
Max Cutting Capacity	68 mm (90 degrees)
Rotation Speed	4,700 min <sup>-1</sup>
Overall Dimensions	290 x 226 x 242 mm
Weight	3.3 kg

- \* Aluminium die casting table version of W-1900.

## W-2400



Input	2,400 W
Blade Diameter	235 mm
Blade Bore	25.4 mm
Max Cutting Capacity	85 mm (90 degrees)
Rotation Speed	5,000 min <sup>-1</sup>
Overall Dimensions	390 x 268 x 278 mm
Weight	6.6 kg

- \* Powerful 235 mm blade circular saw professional usage.
- \* Powerful 2,400 W motor.
- \* Max cutting capacity 85 mm.
- \* Rigid base for fine cutting.



### Specifications

Model	Input	Blade Diameter	Blade Bore	Max Cutting Capacity	Rotation Speed	Overall Dimensions	Weight
W-1700	1,010 W	165 mm	20 mm	57 mm (90 degrees)	4,700 min <sup>-1</sup>	266 x 220 x 228 mm	2.9 kg
W-1900	1,050 W	190 mm	20 mm	68 mm (90 degrees)	4,700 min <sup>-1</sup>	290 x 226 x 242 mm	3.3 kg
W-1900D	1,050 W	190 mm	20 mm	68 mm (90 degrees)	4,700 min <sup>-1</sup>	290 x 226 x 242 mm	3.3 kg
W-2400	2,400 W	235 mm	25.4 mm	85 mm (90 degrees)	5,000 min <sup>-1</sup>	390 x 268 x 278 mm	6.6 kg

# Circular Saws

## W-571ED



Input	1,150 W
Blade Diameter	147 mm
Blade Bore	20 mm
Max Cutting Capacity	57 mm (90 degrees)
Rotation Speed	4,000 min <sup>-1</sup>
Overall Dimensions	249 x 213 x 169 mm
Weight	2.3 kg

- \* Electronic torque control feature ensures powerful and less-noisy operation.
- \* Cutting capacity is equivalent to 165 mm class circular saw thanks to original intermediate gear mechanism.

## W-661ED



Input	1,150 W
Blade Diameter	165 mm
Blade Bore	20 mm
Max Cutting Capacity	66 mm (90 degrees)
Rotation Speed	4,000 min <sup>-1</sup>
Overall Dimensions	276 x 218 x 169 mm
Weight	2.5 kg

- \* Electronic torque control feature ensures powerful and less-noisy operation.
- \* Cutting capacity is equivalent to 190 mm class circular saw thanks to original intermediate gear mechanism.

## W-760ED



Input	1,150 W
Blade Diameter	190 mm
Blade Bore	20 mm
Max Cutting Capacity	76 mm (90 degrees)
Rotation Speed	4,000 min <sup>-1</sup>
Overall Dimensions	296 x 234 x 169 mm
Weight	3.0 kg

- \* Electronic torque control feature ensures powerful and less-noisy operation.
- \* Cutting capacity is equivalent to 235 mm class circular saw thanks to original intermediate gear mechanism.

# Miter Saws

## BW-470



Voltage	14.4 V
Blade Diameter	125 mm
Blade Bore	20 mm
Max Cutting Capacity	47 mm
Rotation Speed	4,500 min <sup>-1</sup>
Charge Time	27 minutes
Battery Type	Li-Ion, 3,000 mAh
Overall Dimensions	267 x 188 x 234 mm
Weight	2.8 kg

- \* Li-Ion cordless circular saw.
- \* Constant torque.
- \* 125 mm blade has the cutting capacity of 147 mm blade thanks to the original intermediate gear mechanism.
- \* Various adjustment hinges for accuracy of the cutting work.
- \* Packed in the luxury carrying soft case.

## TS-220



Input	900 W
Blade Diameter	220 mm
Blade Bore	16 mm
Max Cutting Capacity	60 x 125 mm
Rotation Speed	4,500 min <sup>-1</sup>
Overall Dimensions	380 x 340 x 375 mm
Weight	6.0 kg

- \* Professional 220 mm blade miter saw.
- \* Light weight and compact body.
- \* Dust collection and electric brake ensures comfortable operation.

## TS-256



Input	1,500 W
Blade Diameter	254 mm
Blade Bore	25.4 mm
Max Cutting Capacity	58 x 141 mm
Rotation Speed	5,000 min <sup>-1</sup>
Overall Dimensions	520 x 475 x 545 mm
Weight	14.5 kg

- \* Professional 255 mm blade miter saw.
- \* Light weight and compact body.
- \* Dust collection and electric brake ensures comfortable operation (Model without brake is also available).

### Specifications

Model	Input	Blade Diameter	Blade Bore	Max Cutting Capacity	Rotation Speed	Overall Dimensions	Weight
W-571ED	1,150 W	147 mm	20 mm	57 mm (90 degrees)	4,000 min <sup>-1</sup>	249 x 213 x 169 mm	2.3 kg
W-661ED	1,150 W	165 mm	20 mm	66 mm (90 degrees)	4,000 min <sup>-1</sup>	276 x 218 x 169 mm	2.5 kg
W-760ED	1,150 W	190 mm	20 mm	76 mm (90 degrees)	4,000 min <sup>-1</sup>	296 x 234 x 169 mm	3.0 kg

Model	Voltage	Blade Diameter	Blade Bore	Max Cutting Capacity	Rotation Speed	Charge Time	Battery Type	Overall Dimensions	Weight
BW-470	14.4 V	125 mm	20 mm	47 mm	4,500 min <sup>-1</sup>	27 minutes	Li-Ion, 3,000 mAh	267 x 188 x 234 mm	2.8 kg

Model	Input	Blade Diameter	Blade Bore	Max Cutting Capacity	Rotation Speed	Overall Dimensions	Weight
TS-220	900 W	220 mm	16 mm	60 x 125 mm	4,500 min <sup>-1</sup>	380 x 340 x 375 mm	6.0 kg
TS-256	1,500 W	254 mm	25.4 mm	58 x 141 mm	5,000 min <sup>-1</sup>	520 x 475 x 545 mm	14.5 kg

# Planers

## HL-83



Input	550 W
Planing Width	82 mm
Planing Depth	0 ~ 1 mm
Rabetting	11.5 mm
Blade Rotation Speed	16,000 min <sup>-1</sup>
Overall Dimensions	309 x 164 x 164 mm
Weight	2.3 kg

- \* Powerful and advanced design 82 mm planer.
- \* Light weight and well balanced design.
- \* Aluminium die casting shoe ensures excellent planing work.
- \* All ball bearing construction for durability and low vibration.
- \* Click type large adjustment knob.
- \* Safety lift up structure.

## L-282



Input	710 W
Planing Width	82 mm
Planing Depth	0 ~ 3 mm
Rabetting	23 mm
Blade Rotation Speed	14,000 min <sup>-1</sup>
Overall Dimension	295 mm
Weight	3.3 kg

- \* Powerful 82 mm planer.
- \* Light weight and well balanced design.
- \* Aluminium die casting shoe ensures excellent planing work.
- \* All ball bearing construction for durability and low vibration.
- \* Click type large adjustment knob.

## L-183S



Input	750 W
Planing Width	82 mm
Planing Depth	0 ~ 3 mm
Rabetting	23 mm
Blade Rotation Speed	15,000 min <sup>-1</sup>
Overall Dimension	315 mm
Weight	3.3 kg

- \* Powerful 82 mm planer.
- \* Light weight and well balanced design.
- \* Aluminium die casting shoe ensures excellent planing work.
- \* All ball bearing construction for durability and low vibration.
- \* Click type large adjustment knob.
- \* Dust can be extracted from either left or right by change lever.

## L-120N



Input	500 W
Planing Width	92 mm
Planing Depth	0 ~ 1 mm
Rabetting	6 mm
Blade Rotation Speed	15,000 min <sup>-1</sup>
Overall Dimensions	255 x 162 x 160 mm
Weight	3.3 kg

- \* Powerful 92 mm planer.
- \* Light weight and well balanced design.
- \* Aluminium die casting shoe ensures excellent planing work.
- \* All ball bearing construction for durability and low vibration.
- \* Click type large adjustment knob.

## L-1000TB



Input	2,100 W
Planing Width	318 mm
Planing Depth	0 ~ 2.5 mm
Blade Rotation Speed	13,000 min <sup>-1</sup>
Overall Dimensions	528 x 376 x 194 mm
Weight	15.0 kg

- \* Powerful and unique 318 mm planer for large materials.
- \* Excellent dust exhaustion by double armature fan.
- \* Easy adjustment knob.



### Specifications

Model	Input	Planing Width	Planing Depth	Rabetting	Blade Rotation Speed	Overall Dimensions	Weight
HL-83	550 W	82 mm	0 ~ 1 mm	11.5 mm	16,000 min <sup>-1</sup>	309 x 164 x 164 mm	2.3 kg
L-282	710 W	82 mm	0 ~ 3 mm	23 mm	14,000 min <sup>-1</sup>	295 mm	3.3 kg
L-183S	750 W	82 mm	0 ~ 3 mm	23 mm	15,000 min <sup>-1</sup>	315 mm	3.3 kg
L-120N	500 W	92 mm	0 ~ 1 mm	6 mm	15,000 min <sup>-1</sup>	255 x 162 x 160 mm	3.3 kg
L-1000TB	2,100 W	318 mm	0 ~ 2.5 mm	-	13,000 min <sup>-1</sup>	528 x 376 x 194 mm	15.0 kg

## Auto Feed Planers

### AP-10N



Input	1,350 W
Planing Width	254 mm
Planing Depth	0 ~ 2.5 mm
Maximum Lumber Height	127 mm
Blade Rotation Speed	8,000 min <sup>-1</sup>
Overall Dimensions	490 x 476 x 412 mm
Weight	26.0 kg

- \* The leading model of portable size benchtop auto feed planer.
- \* Compact and lightweight to transport to various work shop.

### AP-10DX



Input	1,350 W
Planing Width	254 mm
Planing Depth	0 ~ 2.5 mm
Maximum Lumber Height	127 mm
Blade Rotation Speed	8,000 min <sup>-1</sup>
Overall Dimensions	490 x 476 x 412 mm
Weight	33.0 kg

- \* Roller equipped model of AP-10N.

## Jointer Planer

### JP-155 / HL-6A



(Photo : HL-6A)

Input	1,200 W
Planing Width	155 mm
Planing Depth	2.5 mm
Blade Rotation Speed	16,000 min <sup>-1</sup>
Table Size	155 x 710 mm
Overall Dimensions	302 x 710 x 260 mm
Weight	12.2 kg

- \* 155 mm benchtop planer.

## Scroll Saw

### TF-5400



Input	200 W
Cutting Capacity	- Wood 50 mm - Steel 3 mm - Brass 4 mm
Stroke Per Minute	950 min <sup>-1</sup>
Stroke Length	15 mm
Throat Length	400 mm
Table Size	248 x 248 mm
Overall Dimensions	590 x 248 x 490 mm
Weight	17.0 kg

- \* Pop-up arm is convenient for hollowing work.
- \* Table tilts 20 degrees right and left.
- \* 400 mm wide throat enables the handling of various size of boards.
- \* Double dust collectors (optional accessory).



### Specifications

Model	Input	Planing Width	Planing Depth	Maximum Lumber Height	Blade Rotation Speed	Overall Dimensions	Weight
AP-10N	1,350 W	254 mm	0 ~ 2.5 mm	127 mm	8,000 min <sup>-1</sup>	490 x 476 x 412 mm	26.0 kg
AP-10DX	1,350 W	254 mm	0 ~ 2.5 mm	127 mm	8,000 min <sup>-1</sup>	490 x 476 x 412 mm	33.0 kg

Model	Input	Planing Width	Planing Depth	Blade Rotation Speed	Table Size	Overall Dimensions	Weight
JP-155 / HL-6A	1,200 W	155 mm	2.5 mm	16,000 min <sup>-1</sup>	155 x 710 mm	302 x 710 x 260 mm	12.2 kg

Model	Input	Cutting Capacity	Stroke Per Minute	Stroke Length	Throat Length	Table Size	Overall Dimensions	Weight
TF-5400	200 W	- Wood 50 mm - Steel 3 mm - Brass 4 mm	950 min <sup>-1</sup>	15 mm	400 mm	248 x 248 mm	590 x 248 x 490 mm	17.0 kg



# Jig Saws

## J-500



Input	240 W
Cutting Capacity	- Wood 50 mm - Aluminium 10 mm - Steel 3 mm
Stroke Speed	3,200 min <sup>-1</sup>
Overall Dimensions	185 x 67 x 184 mm
Weight	1.3 kg

- \* Light weight and high power jig saw.
- \* Ergonomic handle and well balanced weight design ensures fatigue free operation.
- \* Dust extraction feature for comfortable cutting work.

## J-6500V



Input	400 W
Cutting Capacity	- Wood 65 mm - Aluminium 15 mm - Steel 6 mm
Stroke Speed	0 ~ 3,000 min <sup>-1</sup>
Overall Dimensions	205 x 67 x 173 mm
Weight	1.7 kg

- \* Powerful and durable jig saw for professional use.
- \* High power motor with variable speed feature and 4-mode orbital action for versatile cutting job.
- \* Tool tilts 45 degrees to right and left for various cutting purpose.
- \* Low center of gravity for higher maneuverability.
- \* Optional dust collecting system is available.

## J-6500VL



(Photo : J-6500V)



Input	400 W
Cutting Capacity	- Wood 65 mm - Aluminium 15 mm - Steel 6 mm
Stroke Speed	0 ~ 3,000 min <sup>-1</sup>
Overall Dimensions	205 x 67 x 173 mm
Weight	1.7 kg

- \* Tool free blade change model of J-6500V.
- \* Powerful and durable jig saw for professional use.
- \* High power motor with variable speed feature and 4-mode orbital action for versatile cutting job.
- \* Tool tilts 45 degrees to right and left for various cutting purpose.
- \* Low center of gravity for higher maneuverability.
- \* Optional dust collecting system is available.

# Reciprocating Saws

## RJK-120



Input	280 W
Stroke	0~5,000 min <sup>-1</sup> 10 mm
Overall Dimensions	320 x 70 x 103 mm
Weight	1.2 kg

- \* Ultra slim handle reciprocating saw.
- \* Compact and light weight body enables superior maneuverability like hand saws.
- \* Jig saw blade is attachable as well as the exclusive blade.

## BRJ-120



Voltage	14.4V
Stroke	0~5,000 min <sup>-1</sup> 10 mm
Charge Time	27 minutes
Battery Type	Li-Ion, 3,000 mAh
Overall Dimensions	350 x 83 x 128 mm
Weight	1.8 kg

- \* Cordless version of RJK-120.

### Specifications

Model	Input	Cutting Capacity	Stroke Speed	Overall Dimensions	Weight
J-500	240 W	- Wood 50 mm - Aluminium 10 mm - Steel 3 mm	3,200 min <sup>-1</sup>	185 x 67 x 184 mm	1.3 kg
J-6500V	400 W	- Wood 65 mm - Aluminium 15 mm - Steel 6 mm	0 ~ 3,000 min <sup>-1</sup>	205 x 67 x 173 mm	1.7 kg
J-6500VL	400 W	- Wood 65 mm - Aluminium 15 mm - Steel 6 mm	0 ~ 3,000 min <sup>-1</sup>	205 x 67 x 173 mm	1.7 kg

Model	Input	Stroke	Overall Dimensions	Weight
RJK-120	280 W	0 ~ 5,000 min <sup>-1</sup> / 10 mm	320 x 70 x 103 mm	1.2 kg

Model	Voltage	Stroke	Charge Time	Battery Type	Overall Dimensions	Weight
BRJ-120	14.4 V	0 ~ 5,000 min <sup>-1</sup> / 10 mm	27 minutes	Li-Ion, 3,000 mAh	350 x 83 x 128 mm	1.8 kg



# Sanders / Sander Polishers

## Pad Sander

### S-550



Input	170 W
Pad Size	70 x 104 mm
Paper Size	75 x 140 mm
Vibration	12,000 min <sup>-1</sup>
Orbit Diameter	1.4 mm
Overall Dimensions	70 x 126 x 125 mm
Weight	0.9 kg

- \* Compact, ergonomic and light weight body ensures easy manipulation with a single hand.
- \* Dust collection feature with optional dust collector skirt.

## Orbital Sanders

### S-350



Input	190 W
Pad Size	93 x 185 mm
Paper Size	93 x 230 mm
Vibration	11,000 min <sup>-1</sup>
Orbit Diameter	2.0 mm
Overall Dimensions	243 x 93 x 154 mm
Weight	1.3 kg

- \* Ergonomically designed orbital sander.
- \* Easy to use push-button on/off switch.
- \* Easy sanding paper change with a simple wire clamp system.



## Orbital Sanders

### SU-6300A



Input	350 W
Pad Size	112 x 226 mm
Paper Size	115 x 280 mm
Vibration	8,000 min <sup>-1</sup>
Orbit Diameter	3.0 mm
Overall Dimensions	312 x 112 x 202 mm
Weight	3.8 kg

- \* Powerful and durable sander for professional usage.

### S-1000E



Input	200 W
Pad Size	93 x 185 mm
Paper Size	93 x 228 mm
Vibration	5,500 min <sup>-1</sup>
Orbit Diameter	4.0 mm
Overall Dimensions	302 x 182 x 115 mm
Weight	2.7 kg

- \* Powerful and durable 1/3 sheet sander exclusive for professional work.
- \* Powerful compulsory dust collection.

### S-1200E



Input	200 W
Pad Size	115 x 229 mm
Paper Size	115 x 280 mm
Vibration	5,500 min <sup>-1</sup>
Orbit Diameter	4.0 mm
Overall Dimensions	302 x 182 x 115 mm
Weight	2.7 kg

- \* 1/2 sheet version of S-1000E.

### Specifications

Model	Input	Pad Size	Paper Size	Vibration	Orbit Diameter	Overall Dimensions	Weight
S-550	170 W	70 x 104 mm	75 x 140 mm	12,000 min <sup>-1</sup>	1.4 mm	70 x 126 x 125 mm	0.9 kg
S-350	190 W	93 x 185 mm	93 x 230 mm	11,000 min <sup>-1</sup>	2.0 mm	243 x 93 x 154 mm	1.3 kg
SU-6300A	350 W	112 x 226 mm	115 x 280 mm	8,000 min <sup>-1</sup>	3.0 mm	312 x 112 x 202 mm	3.8 kg
S-1000E	200 W	93 x 185 mm	93 x 228 mm	5,500 min <sup>-1</sup>	4.0 mm	302 x 182 x 115 mm	2.7 kg
S-1200E	200 W	115 x 229 mm	115 x 280 mm	5,500 min <sup>-1</sup>	4.0 mm	302 x 182 x 115 mm	2.7 kg

# Belt Sanders

## B-1056



Input	1,150 W
Belt Size	100 x 560 mm
Speed	400 m / min
Overall Length	387 mm
Weight	5.0 kg

- \* Powerful and compact belt sander with ergonomic design.
- \* Forced dust collection feature with dust bag.
- \* Large adjustment knob for easy and accurate adjustment.

## BE-1056



Input	1,150 W
Belt Size	100 x 560 mm
Speed	230 ~ 400 m / min
Overall Length	387 mm
Weight	5.0 kg

- \* Variable speed and torque control model of B-1056.

## BE-4240



Input	1,150 W
Belt Size	100 x 610 mm
Speed	230 ~ 400 m / min
Overall Length	387 mm
Weight	5.1 kg

- \* 610 mm length belt sander.
- \* Electronic torque control for powerful sanding work.
- \* Forced dust collection feature with dust bag.
- \* Large adjustment knob for easy and accurate adjustment.

# Random Orbit Sander

## RSE-1250



Input	300 W
Pad Size	125 mm
Rotation Speed	6,000 ~ 12,000 min <sup>-1</sup>
Overall Dimensions	226 x 123 x 151 mm
Weight	1.6 kg

- \* Multiple use for sanding and polishing.
- \* Random orbit action for perfect sanding surface.
- \* Forced dust collection feature with dust bag.

### Specifications

Model	Input	Belt Size	Speed	Overall Length	Weight
B-1056	1,150 W	100 x 560 mm	400 m / min	387 mm	5.0 kg
BE-1056	1,150 W	100 x 560 mm	230 ~ 400 m / min	387 mm	5.0 kg
BE-4240	1,150 W	100 x 610 mm	230 ~ 400 m / min	387 mm	5.1 kg

Model	Input	Pad Size	Rotation Speed	Overall Dimensions	Weight
RSE-1250	300 W	125 mm	6,000 ~ 12,000 min <sup>-1</sup>	226 x 123 x 151 mm	1.6 kg

# Sander Polishers

## PE-2100



Input	950 W
Pad Size	180 mm
Rotation Speed	650 ~ 2,000 min <sup>-1</sup>
Overall Dimensions	235 x 100 x 235 mm
Weight	2.4 kg

- \* High power sander polisher with electric constant torque feature.
- \* High power 950 W motor and constant torque force control feature creates powerful and stable operation.
- \* M16 spindle screw (standard accessory) for various types of the accessories.

## DSE-5200



Input	950 W
Pad Size	150 mm
Rotation Speed	1,900 ~ 5,200 min <sup>-1</sup>
Overall Dimensions	235 x 100 x 235 mm
Weight	2.4 kg

- \* Exclusive for sanding application of PE-2100.
- \* High power 950 W motor and constant torque force control feature creates powerful and stable operation.

## PE-2200



Input	910 W
Pad Size	180 mm
Rotation Speed	600 ~ 2,000 min <sup>-1</sup>
Overall Dimensions	186 x 82 x 234 mm
Weight	1.8 kg

- \* High power sander polisher with electric constant torque feature.
- \* High power 910 W motor and constant torque force control feature creates powerful and stable operation.
- \* Compact and light weight.
- \* Die cast cover to protect the body, and soft grip for fatigue free operation.
- \* M16 spindle screw (standard accessory) for various types of the accessories.

## SPE-1810



Input	1,270 W
Pad Size	180 mm
Rotation Speed	0 ~ 3,400 min <sup>-1</sup>
Overall Length	427 mm
Weight	3.0 kg

- \* High power grinder type sander polisher with electric constant torque feature.
- \* High power 1,270 W motor and constant torque force control feature creates powerful and stable operation.
- \* Compact and light weight.



### Specifications

Model	Input	Pad Size	Rotation Speed	Overall Dimensions	Weight
PE-2100	950 W	180 mm	650 ~ 2,000 min <sup>-1</sup>	235 x 100 x 235 mm	2.4 kg
DSE-5200	950 W	150 mm	1,900 ~ 5,200 min <sup>-1</sup>	235 x 100 x 235 mm	2.4 kg
PE-2200	910 W	180 mm	600 ~ 2,000 min <sup>-1</sup>	186 x 82 x 234 mm	1.8 kg
Model	Input	Pad Size	Rotation Speed	Overall Length	Weight
SPE-1810	1,270 W	180 mm	0 ~ 3,400 min <sup>-1</sup>	427 mm	3.0 kg



# Other Machines

# Chain Mortisers

## CM-40



\* Chain blade is optional accessory.

Input	1,350 W
No Load Speed	3,400 min <sup>-1</sup>
Cutting Depth	100 mm
Applicable Chain Width	10, 35 and 40 mm
Overall Dimensions	261 x 320 x 382 mm
Weight	10.0 kg

- \* For making the mortise in wooden materials.
- \* Mortise depth can be adjusted with depth gauge.
- \* The machine can be set either left or right side with large guide plate.

## CM-31



\* Chain blade is optional accessory.

Input	1,350 W
No Load Speed	3,400 min <sup>-1</sup>
Cutting Depth	160 mm
Clamping Width	50 ~ 185 mm
Moving Range	- Right and Left 75 mm - Backward and Forward 125 mm
Applicable Chain Width	9.5 ~ 30 mm
Overall Dimensions	540 x 360 x 390 mm
Weight	16.0 kg

- \* For making the mortise in wooden materials.
- \* Mortise depth can be adjusted with depth gauge.
- \* The machine can be slid to left/right and front/back with large guide plate. The accurate and delicate adjustment is possible thanks to adjustment levers and handles.

# Routers

## R-500N



Input	1,600 W
Collet Size	12 mm (1/2")
Plunge Action	0 ~ 60 mm
Rotation Speed	25,000 min <sup>-1</sup>
Overall Dimensions	269 x 142 x 222 mm
Weight	5.0 kg

- \* Powerful and durable plunge action router exclusive for professional use.
- \* Powerful 1,600 W motor.

## R-601



Input	2,050 W
Collet Size	12 mm (1/2")
Plunge Action	0 ~ 60 mm
Rotation Speed	23,000 min <sup>-1</sup>
Overall Dimensions	269 x 142 x 222 mm
Weight	6.2 kg

- \* Powerful and durable plunge action router exclusive for professional use with highest spec.
- \* Easy to change the bits by spindle lock mechanism.
- \* Ergonomically-shaped handles and easy-to-use switch position ensures comfortable work.
- \* Dust collection nozzle for dust free operation.

## RE-601



Input	2,050 W
Collet Size	12 mm (1/2")
Plunge Action	0 ~ 60 mm
Rotation Speed	10,000 ~ 23,000 min <sup>-1</sup>
Overall Dimensions	269 x 142 x 222 mm
Weight	6.2 kg

- \* Powerful and durable plunge action router exclusive for professional use with variable speed feature to R-601.
- \* Variable rotation speed with soft start for versatile usage and safety/accurate work.

### Specifications

Model	Input	No Load Speed	Cutting Depth	Applicable Chain Width	Overall Dimensions	Weight
CM-40	1,350 W	3,400 min <sup>-1</sup>	100 mm	10, 35 and 40 mm	261 x 320 x 382 mm	10.0 kg

Model	Input	No Load Speed	Cutting Depth	Clamping Width	Moving Range	Applicable Chain Width	Overall Dimensions	Weight
CM-31	1,350 W	3,400 min <sup>-1</sup>	160 mm	50 ~ 185 mm	- Right and Left 75 mm - Backward and Forward 125 mm	9.5 ~ 30 mm	540 x 360 x 390 mm	16.0 kg

Model	Input	Collet Size	Plunge Action	Rotation Speed	Overall Dimensions	Weight
R-500N	1,600 W	12 mm (1/2")	0 ~ 60 mm	25,000 min <sup>-1</sup>	269 x 142 x 222 mm	5.0 kg
R-601	2,050 W	12 mm (1/2")	0 ~ 60 mm	23,000 min <sup>-1</sup>	269 x 142 x 222 mm	6.2 kg
RE-601	2,050 W	12 mm (1/2")	0 ~ 60 mm	10,000 ~ 23,000 min <sup>-1</sup>	269 x 142 x 222 mm	6.2 kg

# Trimmers

## TR-50A



Input	500 W
Collet Size	6 mm (1/4")
Rotation Speed	33,000 min <sup>-1</sup>
Overall Dimensions	90 x 103 x 179 mm
Weight	1.3 kg

\* Powerful and compact trimmer easy-to-handle.

## TR-50



Input	500 W
Collet Size	6 mm (1/4")
Rotation Speed	33,000 min <sup>-1</sup>
Overall Dimensions	90 x 103 x 260 mm
Weight	1.3 kg

\* Powerful and compact trimmer easy-to-handle.  
\* Tilt base (max 45 degrees) for versatile trimming job.

## TRE-40



Input	370 W (100 V)
Collet Size	6 mm (1/4")
Rotation Speed	33,000 min <sup>-1</sup>
Overall Dimensions	90 x 103 x 211 mm
Weight	1.3 kg

\* Powerful and compact trimmer easy-to-handle.  
\* Constant torque feature for powerful and accurate cutting work.  
\* Safety, comfortable and accurate cutting work thanks to the soft start feature.  
\* Slim housing which can be hold tightly with single hand.

## TRE-55



Input	500 W
Collet Size	6 mm (1/4")
Rotation Speed	24,000 min <sup>-1</sup>
Overall Dimensions	90 x 103 x 211 mm
Weight	1.3 kg

\* Powerful and compact trimmer easy-to-handle.  
\* Constant torque feature for powerful and accurate cutting work.  
\* Safety, comfortable and accurate cutting work thanks to the soft start feature.  
\* Slim housing which can be hold tightly with single hand.



### Specifications

Model	Input	Collet Size	Rotation Speed	Overall Dimensions	Weight
TR-50A	500 W	6 mm (1/4")	33,000 min <sup>-1</sup>	90 x 103 x 179 mm	1.3 kg
TR-50	500 W	6 mm (1/4")	33,000 min <sup>-1</sup>	90 x 103 x 260 mm	1.3 kg
TRE-40	370 W (100 V)	6 mm (1/4")	33,000 min <sup>-1</sup>	90 x 103 x 211 mm	1.3 kg
TRE-55	500 W	6 mm (1/4")	24,000 min <sup>-1</sup>	90 x 103 x 211 mm	1.3 kg



## Li-Ion Combo Kit

### BCK-1410



Voltage	14.4 V
Charge Time	27 minutes
Battery Type	Li-Ion, 3,000 mAh

- \* Combo kit of BDM-143 and BW-470.
- \* Packed in the luxury soft carrying case.

## Heat Gun

### AG-180



Input	1,800 W
Overall Dimensions	245 x 185 x 70 mm
Weight	0.5 kg

- \* Powerful heat gun.

## Blowers

### BL-3500



Input	630 W
Airflow Output	3.5 m <sup>3</sup> / min
Overall Dimensions	452 x 167 x 198 mm
Weight	1.7 kg

- \* Powerful and compact blower.
- \* For clean up of workshop, garden and any place.

### BL-3500V



Input	630 W
Airflow Output	1.7 ~ 3.5 m <sup>3</sup> / min
Overall Dimensions	452 x 167 x 198 mm
Weight	1.7 kg

- \* Powerful and compact blower with variable speed mode.
- \* For clean up of workshop, garden and any place.

### PSV-600



Input	650 W
Airflow Output	3.5 m <sup>3</sup> / min
Overall Dimensions	480 x 198 x 232 mm
Weight	1.9 kg

- \* Powerful and compact blower with unique blower/vacuum mode change system.
- \* Easy blower/vacuum mode change with the simple nozzle rotation.
- \* For clean up of workshop, garden and any place.

### Specifications

Model	Voltage	Charge Time	Battery Type
BCK-1410	14.4 V	27minutes	Li-Ion, 3,000 mAh

Model	Input	Overall Dimensions	Weight
AG-180	1,800 W	245 x 185 x 70 mm	0.5 kg

Model	Input	Airflow Output	Overall Dimensions	Weight
BL-3500	630 W	3.5 m <sup>3</sup> / min	452 x 167 x 198 mm	1.7 kg
BL-3500V	630 W	1.7 ~ 3.5 m <sup>3</sup> / min	452 x 167 x 198 mm	1.7 kg
PSV-600	650 W	3.5 m <sup>3</sup> / min	480 x 198 x 232 mm	1.9 kg

# Winches

## WI-62



Input	550 W
Max Lifting Load	60 kg
Lifting Speed	28 m / min
Wire Rope Diameter	4 mm
Wire Rope Length	21 m
Overall Dimensions	250 x 320 x 205 mm
Weight	9.0 kg

- \* Powerful 60 kg class winch.
- \* Power cord comes from the machine which enables the convenient operation.

## WI-125



Input	1,100 W
Max Lifting Load	130 kg
Lifting Speed	23 m / min
Wire Rope Diameter	5 mm
Wire Rope Length	21 m / 31 m
Overall Dimensions	226 x 180 x 265 mm
Weight	11.0 kg

- \* Compact and high power 130 kg class winch.

## WI-195



Input	1,100 W
Max Lifting Load	200 kg
Lifting Speed	10 m / min
Wire Rope Diameter	5 mm
Wire Rope Length	30 m
Overall Dimensions	230 x 250 x 640 mm
Weight	17.0 kg

- \* Compact and high power 200 kg class winch.

# Laser

## LDM-400



Battery	4 AAA batteries
Measuring Range	0.3 m ~ 40 m
Overall Dimensions	110 x 58 x 32 mm
Weight	0.2 kg

- \* Laser distance measure.
- \* 3-points pythagoras.
- \* Tracking function.
- \* Multiple calculation features.



### Specifications

Model	Input	Max Lifting Load	Lifting Speed	Wire Rope Diameter	Wire Rope Length	Overall Dimensions	Weight
WI-62	550 W	60 kg	28 m / min	4 mm	21 m	250 x 320 x 205 mm	9.0 kg
WI-125	1,100 W	130 kg	23 m / min	5 mm	21 m / 31 m	226 x 180 x 265 mm	11.0 kg
WI-195	1,100 W	200 kg	10 m / min	5 mm	30 m	230 x 250 x 640 mm	17.0 kg

Model	Battery	Measuring Range	Overall Dimensions	Weight
LDM-400	4 AAA batteries	0.3 m ~ 40 m	110 x 58 x 32 mm	0.2 kg



# High Pressure Washers / Vacuum Cleaners

# High Pressure Washers

## AJP-55



Input	1,050 W
Water Pressure	6.5 MPa (65 bar)
Max Pressure	9.0 MPa (90 bar)
Water Volume	5 Litre / min
Overall Dimensions	198 x 214 x 452 mm
Weight	3.7 kg

## AJP-1210



Input	1,200 W
Water Pressure	7 MPa (70 bar)
Max Pressure	10 MPa (100 bar)
Water Volume	5.2 Litre / min
Overall Dimensions	310 x 150 x 400 mm
Weight	5.2 kg

## AJP-1310



Input	1,200 W
Water Pressure	7 MPa (70 bar)
Max Pressure	10 MPa (100 bar)
Water Volume	5.2 Litre / min
Overall Dimensions	390 x 200 x 420 mm
Weight	6.2 kg

## AJP-1410 / 1410A



Input	1,400 W (110 V) 1,700 W (220 V)
Water Pressure	10 MPa (100 bar)
Max Pressure	12 MPa (120 bar)
Water Volume	6 Litre / min
Overall Dimensions	268 x 261 x 525 mm
Weight	6.2 kg

## AJP-1600



Input	1,400 W (110 V) 1,700 W (220 V)
Water Pressure	11 MPa (110 bar)
Max Pressure	12 MPa (120 bar)
Water Volume	6 Litre / min
Overall Dimensions	260 x 360 x 830 mm
Weight	6.8 kg

## AJP-1610



Input	1,800 W
Water Pressure	10 MPa (100 bar)
Max Pressure	13 MPa (130 bar)
Water Volume	6.7 Litre / min
Overall Dimensions	333 x 256 x 800 mm
Weight	7.0 kg

### Specifications

Model	Input	Water Pressure	Max Pressure	Water Volume	Overall Dimensions	Weight
AJP-55	1,050 W	6.5 MPa (65 bar)	9.0 MPa (90 bar)	5 Litre / min	198 x 214 x 452 mm	3.7 kg
AJP-1210	1,200 W	7 MPa (70 bar)	10 MPa (100 bar)	5.2 Litre / min	310 x 150 x 400 mm	5.2 kg
AJP-1310	1,200 W	7 MPa (70 bar)	10 MPa (100 bar)	5.2 Litre / min	390 x 200 x 420 mm	6.2 kg
AJP-1410 / 1410A	1,400 W (110V) / 1,700 W (220 V)	10 MPa (100 bar)	12 MPa (120 bar)	6 Litre / min	268 x 261 x 525 mm	6.2 kg
AJP-1600	1,400 W (110V) / 1,700 W (220 V)	11 MPa (110 bar)	12 MPa (120 bar)	6 Litre / min	260 x 360 x 830 mm	6.8 kg
AJP-1610	1,800 W	10 MPa (100 bar)	13 MPa (130 bar)	6.7 Litre / min	333 x 256 x 800 mm	7.0 kg

# High Pressure Washers

## AJP-1621



Input	1,900 W
Water pressure	8 MPa (80 bar)
Max pressure	12 MPa (120 bar)
Water volume	6.0 Litre / min
Overall Dimensions	249 x 301 x 551 mm
Weight	6.4 kg

## AJP-1622



Input	1,900 W
Water pressure	5.5 - 8 MPa (55 - 80 bar)
Max pressure	12 MPa (120 bar)
Water volume	4.5 - 6.0 Litre / min
Overall Dimensions	281 x 337 x 585 mm
Weight	7.9 kg

\* Silent mechanism and ECO mode function.

## AJP-1623



Input	1,900 W (230V) 1,500 W (110V)
Water pressure	5.5 - 8 MPa (55 - 80 bar)
Max pressure	12 MPa (120 bar)
Water volume	4.5 - 6.0 Litre / min
Overall Dimensions	281 x 337 x 585 mm
Weight	7.9 kg

\* Silent mechanism and ECO mode function.  
\* Extra user-friendly design.

## AJP-1700V



Input	1,450 W
Water Pressure	3 - 7.5 MPa (30 - 75 bar)
Max Pressure	12 MPa (120 bar)
Water Volume	3.5 - 6.0 Litre / min
Overall Dimensions	304 x 318 x 840 mm
Weight	8.4 kg

## AJP-1700VGQ



Input	1,450 W
Water Pressure	3 - 7.5 MPa (30 - 75 bar)
Max Pressure	12 MPa (120 bar)
Water Volume	3.5 - 6.0 Litre / min
Overall Dimensions	304 x 318 x 840 mm
Weight	8.4 kg

\* Self Suction System.



### Specifications

Model	Input	Water Pressure	Max Pressure	Water Volume	Overall Dimensions	Weight
AJP-1621	1,900 W	8 MPa (80 bar)	12 MPa (120 bar)	6.0 Litre / min	249 x 301 x 551 mm	6.4 kg
AJP-1622	1,900 W	5.5 - 8 MPa (55 - 80 bar)	12 MPa (120 bar)	4.5 - 6.0 Litre / min	281 x 337 x 585 mm	7.9 kg
AJP-1623	1,500 W (110 V) / 1,900 W (230 V)	5.5 - 8 MPa (55 - 80 bar)	12 MPa (120 bar)	4.5 - 6.0 Litre / min	281 x 337 x 585 mm	7.9 kg

Model	Input	Water Pressure	Max Pressure	Water Volume	Overall Dimensions	Weight
AJP-1700V	1,450 W	3 - 7.5 MPa (30 - 75 bar)	12 MPa (120 bar)	3.5 - 6.0 Litre / min	304 x 318 x 840 mm	8.4 kg
AJP-1700VGQ	1,450 W	3 - 7.5 MPa (30 - 75 bar)	12 MPa (120 bar)	3.5 - 6.0 Litre / min	304 x 318 x 840 mm	8.4 kg

# High Pressure Washers

## AJP-2100GQ



Input	1,200 W
Water pressure	7.5 MPa (75 bar)
Max pressure	11 MPa (110 bar)
Water volume	6.0 Litre / min
Overall Dimensions	368 x 367 x 591 mm
Weight	17.8 kg

\* Water cooled induction motor for longer durability and less noise.

# Vacuum Cleaners

## VC-23



Input	1,400 W
Max Air Volume	3.6 m <sup>3</sup> /min
Max Vacuum Degree	16.2 kPa
Tank Size	14 L
Overall Dimensions	355 x 330 x 520 mm
Weight	4.3 kg

## VC-30



Input	1,400 W
Max Air Volume	3.6 m <sup>3</sup> /min
Max Vacuum Degree	16.2 kPa
Tank Size	21 L
Overall Dimensions	440 x 380 x 580 mm
Weight	5.7 kg

### Specifications

Model	Input	Water Pressure	Max Pressure	Water Volume	Overall Dimensions	Weight
AJP-2100GQ	1,200 W	7.5 MPa (75 bar)	11 MPa (110 bar)	6.0 Litre / min	368 x 367 x 591 mm	17.8 kg
Model	Input	Max Air Volume	Max Vacuum Degree	Tank Size	Overall Dimensions	Weight
VC-23	1,400 W	3.6 m <sup>3</sup> /min	16.2 kPa	14 L	355 x 330 x 520 mm	4.3 kg
VC-30	1,400 W	3.6 m <sup>3</sup> /min	16.2 kPa	21 L	440 x 380 x 580 mm	5.7 kg



# Garden Tools

# Chain Saws

## CS-3010



Input	1,200 W
Saw Length	300 mm
Overall Dimensions	619 x 185 x 173 mm
Weight	2.8 kg

- \* Compact 300 mm chainsaw.
- \* Saw chain oil is supplied automatically.
- \* Extra-sharp saw chain.

## CS-3610



Input	1,200 W
Saw Length	360 mm
Overall Dimensions	630 x 185 x 165 mm
Weight	2.8 kg

- \* Compact 360 mm chainsaw.
- \* Saw chain oil is supplied automatically.
- \* Extra-sharp saw chain.

## CS-362L



Input	1,200 W
Saw Length	360 mm
Overall Dimensions	684 x 207 x 173 mm
Weight	3.0 kg

- \* Compact 360 mm chainsaw.
- \* Tool free feature for saw chain tension adjustment.
- \* Saw chain oil is supplied automatically.
- \* Extra-sharp saw chain.

# Compact Chain Saw

## CS-402L



Input	1,200 W
Saw Length	400 mm
Overall Dimensions	727 x 207 x 173 mm
Weight	3.1 kg

- \* Compact 400 mm chainsaw.
- \* Tool free feature for saw chain tension adjustment.
- \* Saw chain oil is supplied automatically.
- \* Extra-sharp saw chain.

## GCS-1500



Input	180 W (100 V)
Saw Length	95 mm
Overall Dimensions	374 x 180 x 155 mm
Weight	1.4 kg

- \* Ultra compact chainsaw.
- \* Tool free feature for saw chain tension adjustment.
- \* Saw chain oil is supplied automatically.
- \* Extra-sharp saw chain.



### Specifications

Model	Input	Saw Length	Overall Dimensions	Weight
CS-3010	1,200 W	300 mm	619 x 185 x 173 mm	2.8 kg
CS-3610	1,200 W	360 mm	630 x 185 x 165 mm	2.8 kg
CS-362L	1,200 W	360 mm	684 x 207 x 173 mm	3.0 kg
CS-402L	1,200 W	400 mm	727 x 207 x 173 mm	3.1 kg
Model	Input	Saw Length	Overall Dimensions	Weight
GCS-1500	180 W (100 V)	95 mm	374 x 180 x 155 mm	1.4 kg



# Mulching Blower Vacuums

## RESV-1400



Input	1,400 W
Vacuum Air Speed	235 km / h
Blow Air Volume	9.5 m <sup>3</sup> / min
Mulching Ratio	10:1
Overall Dimensions	905 x 174 x 400 mm
Weight	3.5 kg

- \* Ultra compact and light weight blower vacuum with superior maneuverability.
- \* Efficient blower/vacuum work thanks to Ryobi's original mode changing system.
- \* Dust bag can be easily attached and detached only with one click.
- \* Mulching ratio : 1/10.

## RESV-1410



Input	1,400 W
Vacuum Air Speed	200 / 235 km / h
Blow Air Volume	7.5 / 9.5 m <sup>3</sup> / min
Mulching Ratio	10:1
Overall Dimensions	905 x 174 x 400 mm
Weight	3.5 kg

- \* 2-speed TURBO mode model of RESV-1400.
- \* Efficient blower/vacuum work thanks to Ryobi's original mode changing system.
- \* Dust bag can be easily attached and detached only with one click.
- \* Mulching ratio : 1/10.

## RESV-2000



Input	2,000 W
Vacuum Air Speed	250 km / h
Blow Air Volume	13 m <sup>3</sup> / min
Mulching Ratio	10:1
Overall Dimensions	950 ~ 1,050 x 200 x 370 mm
Weight	4.4 kg

- \* High power vacuum blower with superior maneuverability.
- \* Extendable nozzle for various height of the operator.
- \* Efficient vacuum/blower work thanks to Ryobi's original change feature.
- \* Dust bag can be easily equipped/detached only with one click.
- \* Mulching feature cut the volume of the vacuumed leaf into 1/10.

## RESV-2010



Input	2,000 W
Vacuum Air Speed	140 ~ 250 km / h
Blow Air Volume	7.5 ~ 13 m <sup>3</sup> /min
Mulching Ratio	10:1
Overall Dimensions	950 ~ 1,050 x 200 x 370 mm
Weight	4.4 kg

- \* High power vacuum blower with superior maneuverability.
- \* Extendable nozzle for various height of the operator.
- \* Efficient vacuum/blower work thanks to Ryobi's original change feature.
- \* Dust bag can be easily equipped/detached only with one click.
- \* Mulching feature cut the volume of the vacuumed leaf into 1/10.



### Specifications

Model	Input	Vacuum Air Speed	Blow Air Volume	Mulching Ratio	Overall Dimensions	Weight
RESV-1400	1,400 W	235 km / h	9.5 m <sup>3</sup> /min	10:1	905 x 174 x 400 mm	3.5 kg
RESV-1410	1,400 W	200 / 235 km / h	7.5 / 9.5 m <sup>3</sup> /min	10:1	905 x 174 x 400 mm	3.5 kg
RESV-2000	2,000 W	250 km / h	13 m <sup>3</sup> /min	10:1	950 ~ 1,050 x 200 x 370 mm	4.4 kg
RESV-2010	2,000 W	140 ~ 250 km / h	7.5 ~ 13 m <sup>3</sup> /min	10:1	950 ~ 1,050 x 200 x 370 mm	4.4 kg

## Brush Cutter

### BK-2300



Voltage	25.2 V
Battery Type	Li-Ion 3,000 mAh
Charge Time	60 minutes
Overall Dimensions	1,832 x 612 x 383 mm
Weight	5.5 kg

- \* Li-Ion brush cutter.
- \* Manuevability like engine tools, but earth friendly without air pollution.
- \* High power thanks to the Li-Ion battery.

## Grass Shear / Pruner

### BH-360



Voltage	3.6 V
Overall Dimensions	220 x 100 x 73 mm
Weight	0.5 kg

### BSH-120



Voltage	3.6 V
Max. Cutting Capacity	φ 12 mm
Charge time	60 minutes
Battery type	Li-ion 1,300 mAh
Overall Dimensions	300 x 52 x 98 mm
Weight	0.6 kg

- \* Powerful cutting performance.
- \* Compact and light-weight design for effortless and continuous work.
- \* Tool-free blade change.
- \* Built-in LED for clearly visible pruning.

## Electric Mowers

### LMR-2300



Input	500 W
Mowing Ability	400 m <sup>2</sup> /h
Mowing Width	230 mm
Mowing Depth	10, 15, 20, 25, 30, 40 and 50 mm
Overall Dimensions	1,060 x 277 x 912 mm
Weight	6.8 kg

- \* Compact and high power mower.

### LM-2800



Input	400 W
Mowing Ability	650 m <sup>2</sup> /h
Mowing Width	280 mm
Mowing Depth	5 ~ 25 mm
Overall Dimensions	1,048 x 354 x 915 mm
Weight	9.6 kg

- \* Compact and high power mower.

### BLM-2300



Voltage	25.2 V
Mowing Ability	100 m <sup>2</sup> / one charge
Mowing Width	230 mm
Mowing Depth	5 ~ 25 mm
Battery Type	Li-Ion 2,200 mAh
Charge Time	60 minutes
Overall Dimensions	790 x 340 x 290 mm
Weight	11.2 kg

- \* Li-Ion lawn mower.
- \* Manuevability like engine tools, but earth friendly without air pollution.
- \* High power thanks to the Li-Ion battery.

### Specifications

Model	Voltage	Battery Type	Charge Time	Overall Dimensions	Weight			
BK-2300	25.2 V	Li-Ion 3,000 mAh	60 minutes	1,832 x 612 x 383 mm	5.5 kg			
Model	Voltage	Overall Dimensions	Weight					
BH-360	3.6 V	220 x 100 x 73 mm	0.5 kg					
Model	Voltage	Max. Cutting Capacity	Charge time	Battery type	Overall Dimensions	Weight		
BSH-120	3.6 V	φ 12 mm	60 minutes	Li-ion 1,300 mAh	300 x 52 x 98 mm	0.6 kg		
Model	Input	Mowing Ability	Mowing Width	Mowing Depth	Overall Dimensions	Weight		
LMR-2300	500 W	400 m <sup>2</sup> /h	230 mm	10, 15, 20, 25, 30, 40 and 50 mm	1,060 x 277 x 912 mm	6.8 kg		
LM-2800	400 W	650 m <sup>2</sup> /h	280 mm	5 ~ 25 mm	1,048 x 354 x 915 mm	9.6 kg		
Model	Voltage	Mowing Ability	Mowing Width	Mowing Depth	Battery Type	Charge Time	Overall Dimensions	Weight
BLM-2300	25.2 V	100 m <sup>2</sup> / one charge	230 mm	5 ~ 25 mm	Li-Ion 2,200 mAh	60 minutes	790 x 340 x 290 mm	11.2 kg

# Hedge Trimmers

## HT-3020



Input	300 W
Max Cutting Diameter	15 mm
Saw Length	300 mm
Overall Dimensions	592 x 169 x 155 mm
Weight	1.4 kg

\* Extra sharp and antirust blade with double blade action.

## HT-3520



Input	300 W
Max Cutting Diameter	15 mm
Saw Length	350 mm
Overall Dimensions	648 x 169 x 155 mm
Weight	1.5 kg

\* Extra sharp and antirust blade with double blade action.

## HT-3630



Input	320 W
Max Cutting Diameter	17 mm
Saw Length	380 mm
Overall Dimensions	654 x 174 x 156 mm
Weight	1.7 kg

\* Extra sharp and antirust blade with double blade action.

## HT-4030



Input	320 W
Max Cutting Diameter	17 mm
Saw Length	400 mm
Overall Dimensions	710 x 174 x 156 mm
Weight	1.75 kg

\* Extra sharp and antirust blade with double blade action.

## HT-5000



Input	330 W
Max Cutting Diameter	20 mm
Saw Length	500 mm
Overall Dimensions	798 x 176 x 155 mm
Weight	2.2 kg

\* Extra sharp and antirust blade with double blade action.

### Specifications

Model	Input	Max Cutting Diameter	Saw Length	Overall Dimensions	Weight
HT-3020	300 W	15 mm	300 mm	592 x 169 x 155 mm	1.4 kg
HT-3520	300 W	15 mm	350 mm	648 x 169 x 155 mm	1.5 kg
HT-3630	320 W	17 mm	380 mm	654 x 174 x 156 mm	1.7 kg
HT-4030	320 W	17 mm	400 mm	710 x 174 x 156 mm	1.75 kg
HT-5000	330 W	20 mm	500 mm	798 x 176 x 155 mm	2.2 kg

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