

# RYOBI®

# 2016



**POWER  
TOOLS**  
PROFESSIONAL'S CHOICES



# JAPAN TECHNOLOGY



**POWER  
TOOLS**

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# Hammers / Drills / Drivers / Mixers

# Rotary Hammers

## ED-202CV



|                     |                             |
|---------------------|-----------------------------|
| Input               | 620 W                       |
| Rotation Speed      | 0 ~ 1,100 min <sup>-1</sup> |
| Hammering Frequency | 0 ~ 3,900 min <sup>-1</sup> |
| Drilling Capacity   | 20 mm (concrete)            |
| Shank Type          | SDS plus                    |
| Overall Dimensions  | 337 x 82 x 206 mm           |
| Weight              | 2.3 kg                      |

- \* 20 mm drilling capacity.
- \* SDS plus shank holds bit securely.
- \* Position of auxiliary handle is adjustable with one hand.

## ED-2620VR



(Photo: 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)<br>13 mm (steel), 32 mm (wood) |
| 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-410C



|                     |                         |
|---------------------|-------------------------|
| Input               | 1,150 W                 |
| Impact energy       | 10 joules               |
| Rotation Speed      | 380 min <sup>-1</sup>   |
| Hammering Frequency | 2,900 min <sup>-1</sup> |
| Drilling Capacity   | 40 mm (concrete)        |
| Shank Type          | SDS MAX                 |
| Overall Dimensions  | 477 x 99 x 262 mm       |
| Weight              | 6.4 kg                  |

- \* Powerful 1,150 W motor.
- \* Professional rotary hammer of SDS-MAX shank.
- \* 40 mm drilling capacity.



### Specifications

| Model     | Input | Rotation Speed              | Hammering Frequency         | Drilling Capacity                               | Shank Type | Overall Dimensions | Weight |
|-----------|-------|-----------------------------|-----------------------------|-------------------------------------------------|------------|--------------------|--------|
| ED-202CV  | 620 W | 0 ~ 1,100 min <sup>-1</sup> | 0 ~ 3,900 min <sup>-1</sup> | 20 mm (concrete)                                | SDS plus   | 337 x 82 x 206 mm  | 2.3 kg |
| ED-2620VR | 830 W | 0 ~ 1,100 min <sup>-1</sup> | 0 ~ 4,600 min <sup>-1</sup> | 26 mm (concrete)<br>13 mm (steel), 32 mm (wood) | 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-410C | 1 150 W | 10 joules     | 380 min <sup>-1</sup> | 2 900 min <sup>-1</sup> | 40 mm (concrete)  | SDS MAX    | 477 x 99 x 262 mm  | 6.4 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  | 456 x 106 x 235 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-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              | 8.6 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.



## Impact Drivers / Wrench

### ID-122



|                    |                                         |
|--------------------|-----------------------------------------|
| Input              | 250 W                                   |
| Maximum Torque     | 80 - 130 N·m                            |
| Rotation Speed     | 0 ~ 2,400 / 0 ~ 3,300 min <sup>-1</sup> |
| Blows Per Minutes  | 0 ~ 1,400 / 0 ~ 2,700 min <sup>-1</sup> |
| Overall Dimensions | 215 x 82 x 215 mm                       |
| Weight             | 1.4 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 ~ 2,600 / 0 ~ 3,100 min <sup>-1</sup> |
| Blows Per Minutes  | 0 ~ 2,500 / 0 ~ 3,200 min <sup>-1</sup> |
| Overall Dimensions | 233 x 72.5 x 205 mm                     |
| Weight             | 1.5 kg                                  |

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

### 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                   | 456 x 106 x 235 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 | 8.6 kg |

| Model   | Input | Maximum Torque | Rotation Speed                          | Blows Per Minutes                       | Overall Dimensions  | Weight |
|---------|-------|----------------|-----------------------------------------|-----------------------------------------|---------------------|--------|
| ID-122  | 250 W | 80 - 130 N·m   | 0 ~ 2,400 / 0 ~ 3,300 min <sup>-1</sup> | 0 ~ 1,400 / 0 ~ 2,700 min <sup>-1</sup> | 215 x 82 x 215 mm   | 1.4 kg |
| IW-2000 | 320 W | 200 N·m        | 0 ~ 2,600 / 0 ~ 3,100 min <sup>-1</sup> | 0 ~ 2,500 / 0 ~ 3,200 min <sup>-1</sup> | 233 x 72.5 x 205 mm | 1.5 kg |

# Cordless Driver Drills

## BDX-2



|                    |                       |
|--------------------|-----------------------|
| Voltage            | 3.6 V                 |
| Shank Type         | 6.35 mm Hex bit       |
| Maximum Torque     | 3.5 N·m               |
| Screwing Capacity  | 5 mm                  |
| Rotation Speed     | 180 min <sup>-1</sup> |
| Charging Time      | 5 hours               |
| Battery Type       | Li-ion, 1,500 mAh     |
| Overall Dimensions | 150 x 47 x 125 mm     |
| Weight             | 0.3 kg                |

- \* Compact Li-ion battery screw driver.
- \* Dual LED light for clear perspective, and rear LED light provides the information of rotation mode (front / reverse).
- \* Comfortable work by ergonomic design.
- \* Easy for corner access by offset positioned bit.

## 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><br>(2-gear speed) |
| Charging Time            | 60 minutes                                            |
| Battery Type             | Ni-Cd, 1,300 mAh                                      |
| Overall Dimensions       | 198 x 55 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           | 12.0 N·m                                              |
| Drilling Capacity (wood) | 15 mm                                                 |
| Rotation Speed           | 0 ~ 290 / 0 ~ 820 min <sup>-1</sup><br>(2-gear speed) |
| Charging Time            | 60 minutes                                            |
| Battery Type             | Ni-Cd, 1,300 mAh                                      |
| Overall Dimensions       | 198 x 55 x 232 mm                                     |
| Weight                   | 1.2 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><br>(2-gear speed) |
| Charging 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.

## BD-120C



|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Voltage            | 12 V                                                    |
| Chuck Size         | 10 mm                                                   |
| Maximum Torque     | 28.0 N·m                                                |
| Rotation Speed     | 0 ~ 400 / 0 ~ 1,300 min <sup>-1</sup><br>(2-gear speed) |
| Charging Time      | 30 minutes                                              |
| Battery Type       | Li-ion, 1,500 mAh                                       |
| Overall Dimensions | 190 x 60 x 222 mm                                       |
| Weight             | 1.0 kg                                                  |

- \* 12 V Li-ion battery driver drill.
- \* 2-mode variable speed.

## 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><br>(2-gear speed) |
| Charging Time            | 27 minutes                                              |
| Battery Type             | Li-ion, 3,000 mAh                                       |
| Overall Dimensions       | 189 x 70 x 191 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                                          | Charging Time | Battery Type      | Overall Dimensions | Weight |
|---------|---------|-----------------|----------------|--------------------------|---------------------------------------------------------|---------------|-------------------|--------------------|--------|
| BDX-2   | 3.6 V   | 6.35 mm Hex Bit | 3.5 N·m        | 5 mm                     | 180 min <sup>-1</sup>                                   | 5 hours       | Li-ion, 1,500 mAh | 150 x 47 x 125 mm  | 0.3 kg |
| Model   | Voltage | Chuck Size      | Maximum Torque | Drilling Capacity (wood) | Rotation Speed                                          | Charging 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><br>(2-gear speed)   | 60 minutes    | Ni-Cd, 1,300 mAh  | 198 x 55 x 232 mm  | 1.2 kg |
| BD-92   | 9.6 V   | 10 mm           | 12.0 N·m       | 15 mm                    | 0 ~ 290 / 0 ~ 820 min <sup>-1</sup><br>(2-gear speed)   | 60 minutes    | Ni-Cd, 1,300 mAh  | 198 x 55 x 232 mm  | 1.2 kg |
| BD-122  | 12 V    | 10 mm           | 26.0 N·m       | 25 mm                    | 0 ~ 350 / 0 ~ 1,050 min <sup>-1</sup><br>(2-gear speed) | 30 minutes    | Ni-Cd, 1,300 mAh  | 198 x 76 x 234 mm  | 1.5 kg |
| BD-120C | 12 V    | 10 mm           | 28.0 N·m       | -                        | 0 ~ 400 / 0 ~ 1,300 min <sup>-1</sup><br>(2-gear speed) | 30 minutes    | Li-ion, 1,500 mAh | 190 x 60 x 222 mm  | 1.0 kg |
| BDM-143 | 14.4 V  | 13 mm           | 38.0 N·m       | 27 mm                    | 0 ~ 350 / 0 ~ 1,300 min <sup>-1</sup><br>(2-gear speed) | 27 minutes    | Li-ion, 3,000 mAh | 189 x 70 x 191 mm  | 1.7 kg |

## Cordless Driver Drills

### CD-1882K



|                    |                                                         |
|--------------------|---------------------------------------------------------|
| Voltage            | 18 V                                                    |
| Chuck Size         | 13 mm Keyless                                           |
| Maximum Torque     | 22 N·m                                                  |
| Drilling Capacity  | 25 mm (wood)                                            |
| Rotation Speed     | 0 ~ 400 / 0 ~ 1,200 min <sup>-1</sup><br>(2-gear speed) |
| Charging Time      | 60 minutes                                              |
| Battery Type       | Ni-Cd, 1,500 mAh                                        |
| Overall Dimensions | 270 x 82 x 245 mm                                       |
| Weight             | 2.1 kg                                                  |

- \* Complete set of bits for versatile operation.
- \* 2-mode variable speed.
- \* 22 N·m high torque.

## Cordless Impact Drivers

### BID-1415



|                    |                                    |
|--------------------|------------------------------------|
| Voltage            | 14.4 V                             |
| Maximum Torque     | 135 N·m                            |
| Drilling Capacity  | - Screw M4 ~ M8<br>- Bolt M5 ~ M14 |
| Rotation Speed     | 0 ~ 2,500 min <sup>-1</sup>        |
| Charging 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.
- \* Comes with carrying case.



## Power Mixers

### PM-311



|                    |                       |
|--------------------|-----------------------|
| 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



|                    |                         |
|--------------------|-------------------------|
| 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



|                    |                               |
|--------------------|-------------------------------|
| 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    | Voltage | Chuck Size    | Maximum Torque | Drilling Capacity | Rotation Speed                                          | Charging Time | Battery Type     | Overall Dimensions | Weight |
|----------|---------|---------------|----------------|-------------------|---------------------------------------------------------|---------------|------------------|--------------------|--------|
| CD-1882K | 18 V    | 13 mm Keyless | 22 N·m         | 25 mm (wood)      | 0 ~ 400 / 0 ~ 1,200 min <sup>-1</sup><br>(2-gear speed) | 60 minutes    | Ni-Cd, 1,500 mAh | 270 x 82 x 245 mm  | 2.1 kg |

| Model    | Voltage | Maximum Torque | Drilling Capacity                  | Rotation Speed              | Charging Time | Battery Type      | Overall Dimensions | Weight |
|----------|---------|----------------|------------------------------------|-----------------------------|---------------|-------------------|--------------------|--------|
| BID-1415 | 14.4 V  | 135 N·m        | - Screw M4 ~ M8<br>- 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 |

| 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 |

# Drills

## D-65C



|                    |                               |
|--------------------|-------------------------------|
| Input              | 300 W                         |
| Chuck Size         | 6.5 mm                        |
| Drilling Capacity  | - Wood 9 mm<br>- Steel 6.5 mm |
| Rotation Speed     | 4,000 min <sup>-1</sup>       |
| Overall Dimensions | 217 x 60 x 170 mm             |
| Weight             | 1.0 kg                        |

\* Compact and light-weight design.

## MD-12R



|                    |                               |
|--------------------|-------------------------------|
| Input              | 240 W                         |
| Chuck Size         | 10 mm                         |
| Drilling Capacity  | - Wood 13 mm<br>- 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<br>- 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<br>- Steel 10 mm |
| Rotation Speed     | 0 ~ 2,800 min <sup>-1</sup>   |
| Overall Dimensions | 245 x 64 x 187 mm             |
| Weight             | 1.4 kg                        |

\* High power and compact drill.

## D-135VR



(Photo : D-110VR)



|                    |                               |
|--------------------|-------------------------------|
| Input              | 470 W                         |
| Chuck Size         | 13 mm                         |
| Drilling Capacity  | - Wood 25 mm<br>- Steel 13 mm |
| Rotation Speed     | 0 ~ 2,800 min <sup>-1</sup>   |
| Overall Dimensions | 255 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<br>- Steel 13 mm |
| Rotation Speed     | 0 ~ 1,200 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.

### Specifications

| Model    | Input | Chuck Size | Drilling Capacity             | Rotation Speed              | Overall Dimensions | Weight |
|----------|-------|------------|-------------------------------|-----------------------------|--------------------|--------|
| D-65C    | 300 W | 6.5 mm     | - Wood 9 mm<br>- Steel 6.5 mm | 4,000 min <sup>-1</sup>     | 217 x 60 x 170 mm  | 1.0 kg |
| MD-12R   | 240 W | 10 mm      | - Wood 13 mm<br>- 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<br>- 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<br>- Steel 10 mm | 0 ~ 2,800 min <sup>-1</sup> | 245 x 64 x 187 mm  | 1.4 kg |
| D-135VR  | 470 W | 13 mm      | - Wood 25 mm<br>- Steel 13 mm | 0 ~ 2,800 min <sup>-1</sup> | 255 x 64 x 187 mm  | 1.4 kg |
| D-1300VR | 610 W | 13 mm      | - Wood 30 mm<br>- Steel 13 mm | 0 ~ 1,200 min <sup>-1</sup> | 352 x 80 x 153 mm  | 2.1 kg |

## Drills

### D-400R



|                    |                               |
|--------------------|-------------------------------|
| Input              | 800 W                         |
| Chuck Size         | 13 mm                         |
| Drilling Capacity  | - Wood 40 mm<br>- 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.

## Impact Drills

### PD-130VR



|                    |                                                  |
|--------------------|--------------------------------------------------|
| Input              | 650 W                                            |
| Chuck Size         | 13 mm                                            |
| Drilling Capacity  | - Wood 25 mm<br>- Steel 13 mm<br>- Masonry 13 mm |
| Rotation Speed     | 0 ~ 2,800 min <sup>-1</sup>                      |
| Blows Per Minutes  | 0 ~ 28,000 min <sup>-1</sup>                     |
| Overall Dimensions | 299 x 71 x 203 mm                                |
| Weight             | 1.75 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<br>- Steel 13 mm<br>- 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-750K



|                    |                                                  |
|--------------------|--------------------------------------------------|
| Input              | 750 W                                            |
| Chuck Size         | 13 mm                                            |
| Drilling Capacity  | - Wood 25 mm<br>- Steel 13 mm<br>- Masonry 13 mm |
| Rotation Speed     | 0 ~ 3,000 min <sup>-1</sup>                      |
| Overall Dimensions | 310 x 62 x 225 mm                                |
| Weight             | 2.5 kg                                           |

- \* Complete set of drill bits for versatile operation.
- \* Soft grip on side and main handle for less fatigue operation.

### PD-220VR



|                    |                                                   |
|--------------------|---------------------------------------------------|
| Input              | 800 W                                             |
| Chuck Size         | 13 mm                                             |
| Drilling Capacity  | - Wood 40 mm<br>- Steel 13 mm<br>- Concrete 22 mm |
| Rotation Speed     | 0 ~ 1,350 / 0 ~ 2,700 min <sup>-1</sup>           |
| Blows Per Minutes  | 0 ~ 21,600 / 0 ~ 43,200 min <sup>-1</sup>         |
| Overall Dimensions | 350 x 86 x 214 mm                                 |
| Weight             | 2.7 kg                                            |

- \* High power impact drill
- \* Aluminum die-casting gear case for long life.
- \* 2-mode variable speed for various applications.
- \* Easy change of operation mode, impact drilling mode / drilling mode.
- \* Ergonomic handle for less fatigue.



## Specifications

| Model  | Input | Chuck Size | Drilling Capacity             | Rotation Speed          | Overall Dimensions | Weight |
|--------|-------|------------|-------------------------------|-------------------------|--------------------|--------|
| D-400R | 800 W | 13 mm      | - Wood 40 mm<br>- Steel 13 mm | 1,000 min <sup>-1</sup> | 352 x 92 x 138 mm  | 2.6 kg |

| Model    | Input | Chuck Size | Drilling Capacity                                 | Rotation Speed                          | Blows Per Minutes                         | Overall Dimensions | Weight  |
|----------|-------|------------|---------------------------------------------------|-----------------------------------------|-------------------------------------------|--------------------|---------|
| PD-130VR | 650 W | 13 mm      | - Wood 25 mm<br>- Steel 13 mm<br>- Masonry 13 mm  | 0 ~ 2,800 min <sup>-1</sup>             | 0 ~ 28,000 min <sup>-1</sup>              | 299 x 71 x 203 mm  | 1.75 kg |
| PD-196VR | 710 W | 13 mm      | - Wood 25 mm<br>- Steel 13 mm<br>- 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-750K  | 750 W | 13 mm      | - Wood 25 mm<br>- Steel 13 mm<br>- Masonry 13 mm  | 0 ~ 3,000 min <sup>-1</sup>             | -                                         | 310 x 62 x 225 mm  | 2.5 kg  |
| PD-220VR | 800 W | 13 mm      | - Wood 40 mm<br>- Steel 13 mm<br>- Concrete 22 mm | 0 ~ 1,350 / 0 ~ 2,700 min <sup>-1</sup> | 0 ~ 21,600 / 0 ~ 43,200 min <sup>-1</sup> | 350 x 86 x 214 mm  | 2.7 kg  |



# Grinders

# Angle Grinders

## G-1000CT



Grinding wheel is the optional accessory.

|                    |                          |
|--------------------|--------------------------|
| Input              | 710 W                    |
| Wheel Size         | 100 mm                   |
| Rotation Speed     | 11,000 min <sup>-1</sup> |
| Switch Type        | Rear toggle              |
| Overall Dimensions | 268 x 118 x 106 mm       |
| Weight             | 1.5 kg                   |

- \* Powerful and durable 100 mm angle grinder.
- \* Super slim housing for perfect comfort and operation.
- \* Rear toggle switch useful for long time operation.

## 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 | 291 x 117 x 105 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 | 291 x 117 x 105 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 | 291 x 129 x 113 mm       |
| Weight             | 1.6 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 | 291 x 129 x 113 mm       |
| Weight             | 1.6 kg                   |

- \* 125 mm version of SG-1008 .

### Specifications

| Model    | Input | Wheel Size | Rotation Speed           | Switch Type | Housing Diameter | Overall Dimensions | Weight |
|----------|-------|------------|--------------------------|-------------|------------------|--------------------|--------|
| G-1000CT | 710 W | 100 mm     | 11,000 min <sup>-1</sup> | Rear Toggle | -                | 268 x 118 x 106 mm | 1.5 kg |
| SG-1008T | 750 W | 100 mm     | 11,000 min <sup>-1</sup> | Rear Toggle | 62 mm            | 291 x 117 x 105 mm | 1.5 kg |
| SG-1008  | 750 W | 100 mm     | 11,000 min <sup>-1</sup> | Slide       | 62 mm            | 291 x 117 x 105 mm | 1.5 kg |
| SG-1158  | 750 W | 115 mm     | 11,000 min <sup>-1</sup> | Slide       | 62 mm            | 291 x 129 x 113 mm | 1.6 kg |
| SG-1258  | 750 W | 125 mm     | 11,000 min <sup>-1</sup> | Slide       | 62 mm            | 291 x 129 x 113 mm | 1.6 kg |

# Angle Grinders

## 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 127 x 95.5 mm      |
| Weight             | 1.6 kg                   |

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

## 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 139 x 95.5 mm      |
| Weight             | 1.7 kg                   |

- \* 125 mm version of G-1000X.

## G-1008T



Grinding wheel is the optional accessory.

|                    |                          |
|--------------------|--------------------------|
| Input              | 1,010 W                  |
| Wheel Size         | 100 mm                   |
| Rotation Speed     | 11,000 min <sup>-1</sup> |
| Switch Type        | Rear Toggle              |
| Housing Diameter   | 62 mm                    |
| Overall Dimensions | 291 x 117 x 105 mm       |
| Weight             | 1.6 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              | 1,010 W                  |
| Wheel Size         | 100 mm                   |
| Rotation Speed     | 11,000 min <sup>-1</sup> |
| Switch Type        | Slide                    |
| Housing Diameter   | 62 mm                    |
| Overall Dimensions | 291 x 117 x 105 mm       |
| Weight             | 1.6 kg                   |

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

## G-1158



Grinding wheel is the optional accessory.

|                    |                          |
|--------------------|--------------------------|
| Input              | 1,010 W                  |
| Wheel Size         | 115 mm                   |
| Rotation Speed     | 11,000 min <sup>-1</sup> |
| Switch Type        | Slide                    |
| Housing Diameter   | 62 mm                    |
| Overall Dimensions | 291 x 139 x 113 mm       |
| Weight             | 1.7 kg                   |

- \* 115 mm version of G-1008.

### Specifications

| Model   | Input   | Wheel Size | Rotation Speed           | Switch Type | Housing Diameter | Overall Dimensions  | Weight |
|---------|---------|------------|--------------------------|-------------|------------------|---------------------|--------|
| 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 127 x 95.5 mm | 1.6 kg |
| G-1250X | 730 W   | 125 mm     | 12,000 min <sup>-1</sup> | Slide       | 56 mm            | 255 x 139 x 95.5 mm | 1.7 kg |
| G-1008T | 1,010 W | 100 mm     | 11,000 min <sup>-1</sup> | Rear Toggle | 62 mm            | 291 x 117 x 105 mm  | 1.6 kg |
| G-1008  | 1,010 W | 100 mm     | 11,000 min <sup>-1</sup> | Slide       | 62 mm            | 291 x 117 x 105 mm  | 1.6 kg |
| G-1158  | 1,010 W | 115 mm     | 11,000 min <sup>-1</sup> | Slide       | 62 mm            | 291 x 139 x 113 mm  | 1.7 kg |

# Angle Grinders

## G-1258



Grinding wheel is the optional accessory.

|                    |                          |
|--------------------|--------------------------|
| Input              | 1,010 W                  |
| Wheel Size         | 125 mm                   |
| Rotation Speed     | 11,000 min <sup>-1</sup> |
| Switch Type        | Slide                    |
| Housing Diameter   | 62 mm                    |
| Overall Dimensions | 291 x 139 x 113 mm       |
| Weight             | 1.7 kg                   |

\* 125 mm version of G-1008.

## G-110



|                    |                          |
|--------------------|--------------------------|
| Input              | 720 W                    |
| Wheel Size         | 100 mm                   |
| Rotation Speed     | 12,000 min <sup>-1</sup> |
| Switch Type        | Rear Toggle              |
| Housing Diameter   | 52 mm                    |
| Overall Dimensions | 293 x 117 x 104 mm       |
| Weight             | 1.6 kg                   |

\* Ultra slim housing grinder.

## 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 117 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.

# Large Angle Grinders

## 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             | 1.6 kg                   |

\* Long handle grinder.

\* SGL-1160K comes with plastic case.

## 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         | 4.6 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.

## Specifications

| Model                | Input   | Wheel Size | Rotation Speed           | Switch Type              | Housing Diameter | Overall Dimensions | Weight |
|----------------------|---------|------------|--------------------------|--------------------------|------------------|--------------------|--------|
| G-1258               | 1,010 W | 125 mm     | 11,000 min <sup>-1</sup> | Slide                    | 62 mm            | 291 x 139 x 113 mm | 1.7 kg |
| G-110                | 720 W   | 100 mm     | 12,000 min <sup>-1</sup> | Rear Toggle              | 52 mm            | 293 x 117 x 104 mm | 1.6 kg |
| RG-100               | 350 W   | 100 mm     | 10,000 min <sup>-1</sup> | On-off                   | 33.6 mm          | 312 x 117 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 | 1.6 kg |

| Model  | Input   | Wheel Size | Rotation Speed           | Overall Length | Weight |
|--------|---------|------------|--------------------------|----------------|--------|
| 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         | 4.6 kg |

# Large Angle Grinders

## G-183



\* 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         | 4.9 kg                  |

\* 2,400 W model of G-182.

## 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         | 4.6 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         | 4.9 kg                  |

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

# Die Grinder

## 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-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         | 4.6 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-600C



|                    |                          |
|--------------------|--------------------------|
| Input              | 500 W                    |
| Collet Size        | 6 mm (1/4")              |
| Rotation Speed     | 30,000 min <sup>-1</sup> |
| Overall Dimensions | 365 x 77 x 77 mm         |
| Weight             | 1.6 kg                   |

- \* For grinding/polishing of the die, mold and various tooling.
- \* Either inch or metric collet is available.
- \* Long life by automatic cut-off carbon brush.
- \* Slim housing for comfort.
- \* Easy to work by slide switch.

## Specifications

| Model  | Input   | Wheel Size | Rotation Speed          | Overall Length | Weight |
|--------|---------|------------|-------------------------|----------------|--------|
| G-183  | 2,400 W | 180 mm     | 8,500 min <sup>-1</sup> | 481 mm         | 4.9 kg |
| G-232  | 2,100 W | 230 mm     | 6,600 min <sup>-1</sup> | 481 mm         | 4.6 kg |
| G-233  | 2,400 W | 230 mm     | 6,600 min <sup>-1</sup> | 481 mm         | 4.9 kg |
| G-1830 | 2,100 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         | 4.6 kg |

| Model  | Input | Collet Size | Rotation Speed           | Overall Dimensions | Weight |
|--------|-------|-------------|--------------------------|--------------------|--------|
| G-600C | 500 W | 6 mm (1/4") | 30,000 min <sup>-1</sup> | 365 x 77 x 77 mm   | 1.6 kg |

# 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         | 15.0 kg                 |

\* High power bench grinder.



### Specifications

| 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         | 15.0 kg |



# Cutting Machines

## Concrete Cutter

### C-126C



|                      |                          |
|----------------------|--------------------------|
| Input                | 1,400 W                  |
| Blade Diameter       | 110 mm                   |
| Blade Bore           | 20 mm                    |
| Max Cutting Capacity | 34 mm                    |
| Rotation Speed       | 12,000 min <sup>-1</sup> |
| Overall Length       | 210 x 210 x 180 mm       |
| Weight               | 2.9 kg                   |

- \* Powerful 1,400 W for fast working.
- \* Compact and light-weight design 2.9 kg.
- \* Safe and ergonomically optimum handling.

## Cutting Saws

### C-3561



|                      |                                                                                   |
|----------------------|-----------------------------------------------------------------------------------|
| Input                | 2,300 W                                                                           |
| Blade Diameter       | 355 mm                                                                            |
| Blade Bore           | 25.4 mm                                                                           |
| Max Cutting Capacity | - Round pipe 120 mm<br>- Rectangle pipe 75 x 211 mm<br>- Angle steel 130 x 130 mm |
| Rotation Speed       | 3,600 min <sup>-1</sup>                                                           |
| Overall Dimensions   | 586 x 290 x 658 mm                                                                |
| Weight               | 17.0 kg                                                                           |

- \* Powerful 2,300 W and durable cutting saw for professional usage.
- \* Accurate cutting by robust body.
- \* Stable base table ensures the accurate cutting work.
- \* Safety guard model is also available.



#### Specifications

| Model  | Input   | Blade Diameter | Blade Bore | Max Cutting Capacity | Rotation Speed           | Overall Length     | Weight |
|--------|---------|----------------|------------|----------------------|--------------------------|--------------------|--------|
| C-126C | 1,400 W | 110 mm         | 20 mm      | 34 mm                | 12,000 min <sup>-1</sup> | 210 x 210 x 180 mm | 2.9 kg |

| Model  | Input   | Blade Diameter | Blade Bore | Max Cutting Capacity                                                              | Rotation Speed          | Overall Dimensions | Weight  |
|--------|---------|----------------|------------|-----------------------------------------------------------------------------------|-------------------------|--------------------|---------|
| C-3561 | 2,300 W | 355 mm         | 25.4 mm    | - Round Pipe 120 mm<br>- Rectangle Pipe 75 x 211 mm<br>- Angle Steel 130 x 130 mm | 3,600 min <sup>-1</sup> | 586 x 290 x 658 mm | 17.0 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   | 260 x 220 x 251 mm      |
| Weight               | 3.0 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   | 285 x 221 x 251 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-2400



|                      |                         |
|----------------------|-------------------------|
| Input                | 2,400 W                 |
| Blade Diameter       | 235 mm                  |
| Blade Bore           | 16 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                  |

- \* 235 mm blade circular saw for 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> | 260 x 220 x 251 mm | 3.0 kg |
| W-1900 | 1,050 W | 190 mm         | 20 mm      | 68 mm (90 degrees)   | 4,700 min <sup>-1</sup> | 285 x 221 x 251 mm | 3.3 kg |
| W-2400 | 2,400 W | 235 mm         | 16 mm      | 85 mm (90 degrees)   | 5,000 min <sup>-1</sup> | 390 x 268 x 278 mm | 6.6 kg |

## Circular Saws

### W-573ED



|                      |                         |
|----------------------|-------------------------|
| 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 230 mm      |
| Weight               | 2.4 kg                  |

- \* Electronic torque control feature ensures powerful and less-noisy operation.
- \* Optimized design and good weight balance for great comfort and fine cutting.
- \* Blower function for dust free cutting surface.
- \* LED light illuminates the line of cut for higher accuracy.

### W-663ED



|                      |                         |
|----------------------|-------------------------|
| 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 243 mm      |
| Weight               | 2.6 kg                  |

- \* Electronic torque control feature ensures powerful and less-noisy operation.
- \* Optimized design and good weight balance for great comfort and fine cutting.
- \* Blower function for dust free cutting surface.
- \* LED light illuminates the line of cut for higher accuracy.

### W-763ED



|                      |                         |
|----------------------|-------------------------|
| 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   | 298 x 234 x 250 mm      |
| Weight               | 3.0 kg                  |

- \* Electronic torque control feature ensures powerful and less-noisy operation.
- \* Optimized design and good weight balance for great comfort and fine cutting.
- \* Blower function for dust free cutting surface.
- \* LED light illuminates the line of cut for higher accuracy.

## Planers

### HL-83



|                      |                          |
|----------------------|--------------------------|
| Input                | 550 W                    |
| Planing Width        | 82 mm                    |
| Planing Depth        | 0 ~ 1 mm                 |
| Rabbeting            | 11.5 mm                  |
| Blade Rotation Speed | 16,000 min <sup>-1</sup> |
| Overall Dimensions   | 309 x 164 x 164 mm       |
| Weight               | 2.6 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-183S



|                      |                          |
|----------------------|--------------------------|
| Input                | 750 W                    |
| Planing Width        | 82 mm                    |
| Planing Depth        | 0 ~ 3 mm                 |
| Rabbeting            | 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-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   | 533 x 381 x 195 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   | Blade Diameter | Blade Bore | Max Cutting Capacity | Rotation Speed          | Overall Dimensions | Weight |
|---------|---------|----------------|------------|----------------------|-------------------------|--------------------|--------|
| W-573ED | 1,150 W | 147 mm         | 20 mm      | 57 mm (90 degrees)   | 4,000 min <sup>-1</sup> | 249 x 213 x 230 mm | 2.4 kg |
| W-663ED | 1,150 W | 165 mm         | 20 mm      | 66 mm (90 degrees)   | 4,000 min <sup>-1</sup> | 276 x 218 x 243 mm | 2.6 kg |
| W-763ED | 1,150 W | 190 mm         | 20 mm      | 76 mm (90 degrees)   | 4,000 min <sup>-1</sup> | 298 x 234 x 250 mm | 3.0 kg |

| Model    | Input   | Planing Width | Planing Depth | Rabbeting | 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 | 2.6 kg  |
| L-183S   | 750 W   | 82 mm         | 0 ~ 3 mm      | 23 mm     | 15,000 min <sup>-1</sup> | 315 mm             | 3.3 kg  |
| L-1000TB | 2,100 W | 318 mm        | 0 ~ 2.5 mm    | -         | 13,000 min <sup>-1</sup> | 533 x 381 x 195 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 | 5 ~ 127 mm              |
| Blade Rotation Speed  | 8,000 min <sup>-1</sup> |
| Overall Dimensions    | 412 x 490 x 476 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               | 13.0 kg                  |

\* 155 mm benchtop planer.



### 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    | 5 ~ 127 mm            | 8,000 min <sup>-1</sup> | 412 x 490 x 476 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 | 13.0 kg |

# Jig Saws

## J-6500V



|                    |                                                   |
|--------------------|---------------------------------------------------|
| Input              | 400 W                                             |
| Cutting Capacity   | - Wood 65 mm<br>- Aluminium 15 mm<br>- 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<br>- Aluminium 15 mm<br>- 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.

## J-700CVL



|                    |                               |
|--------------------|-------------------------------|
| Input              | 500 W                         |
| Cutting Capacity   | - Wood 70 mm<br>- Steel 6 mm  |
| Stroke Speed       | 800 ~ 3,000 min <sup>-1</sup> |
| Overall Dimensions | 265 x 70 x 210 mm             |
| Weight             | 2.1 kg                        |

- \* Powerful 500W and durable jig saw for professional use.
- \* Variable speed feature and 3-mode orbital action for versatile cutting job.
- \* Tool tilts 45 degrees to right and left for various cutting purpose.

# Reciprocating Saws

## RJK-120



|                    |                                    |
|--------------------|------------------------------------|
| Input              | 280 W                              |
| Stroke             | 0~5,000 min <sup>-1</sup><br>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><br>10 mm |
| Charge Time        | 27 minutes                         |
| Battery Type       | Li-Ion, 3,000 mAh                  |
| Overall Dimensions | 359 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-6500V  | 400 W | - Wood 65 mm<br>- Aluminium 15 mm<br>- 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<br>- Aluminium 15 mm<br>- Steel 6 mm | 0 ~ 3,000 min <sup>-1</sup>   | 205 x 67 x 173 mm  | 1.7 kg |
| J-700CVL | 500 W | - Wood 70 mm<br>- Steel 6 mm                      | 800 ~ 3,000 min <sup>-1</sup> | 265 x 70 x 210 mm  | 2.1 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                              | Charging 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 | 359 x 83 x 128 mm  | 1.8 kg |



# Sanders / Sander Polishers

## Palm 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 | 132 x 74 x 128 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              | 270 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 | 295 x 112 x 204 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 | 280 x 93 x 179 mm       |
| Weight             | 2.4 kg                  |

- \* Powerful and durable 1/3 sheet sander exclusive for professional work.
- \* Dust collection for a cleaner work environment.

### 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 115 x 182 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         | 132 x 74 x 128 mm  | 0.9 kg |
| Model    | Input | Pad Size     | Paper Size   | Vibration                | Orbit Diameter | Overall Dimensions | Weight |
| 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 | 270 W | 112 x 226 mm | 115 x 280 mm | 8,000 min <sup>-1</sup>  | 3.0 mm         | 295 x 112 x 204 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         | 280 x 93 x 179 mm  | 2.4 kg |
| S-1200E  | 200 W | 115 x 229 mm | 115 x 280 mm | 5,500 min <sup>-1</sup>  | 4.0 mm         | 302 x 115 x 182 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.
- \* Dust collection feature with dust bag.
- \* Large adjustment knob for easy and accurate adjustment.

### 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.
- \* 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             | 1.5 kg                           |

- \* Multiple use for sanding and polishing.
- \* Random orbit action for perfect sanding surface.
- \* 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-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 | 1.5 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.

## 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.

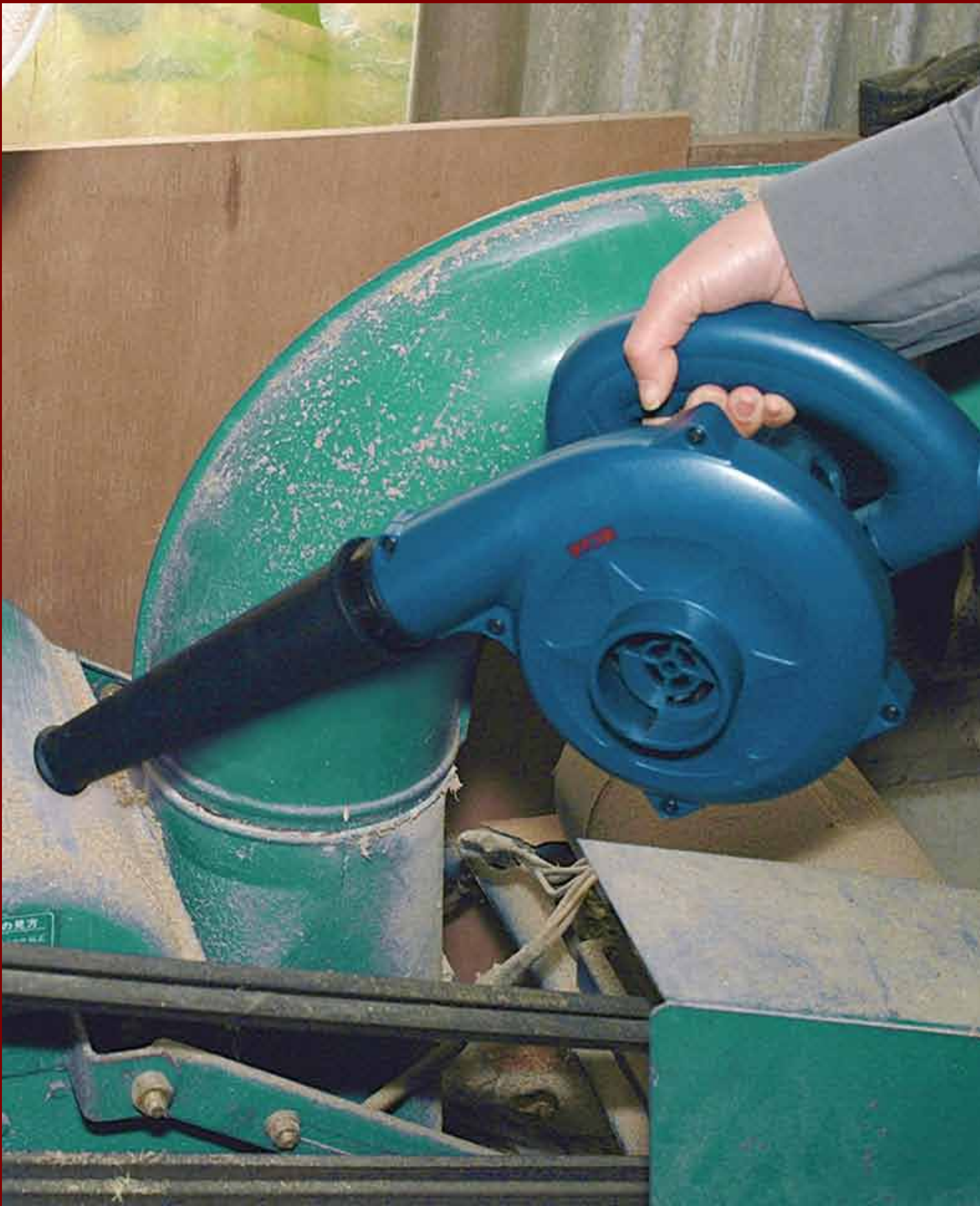


### Specifications

| 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 |
| 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          | 155 mm                                                  |
| Clamping Width         | 50 ~ 185 mm                                             |
| Moving Range           | - Right and Left 75 mm<br>- Backward and Forward 110 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.

## Trimmers

### TR-50A



|                    |                          |
|--------------------|--------------------------|
| Input              | 500 W                    |
| Collet Size        | 6 mm (1/4")              |
| Rotation Speed     | 33,000 min <sup>-1</sup> |
| Overall Dimensions | 103 x 90 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 | 103 x 90 x 179 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     | 30,000 min <sup>-1</sup> |
| Overall Dimensions | 103 x 90 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   | 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> | 155 mm        | 50 ~ 185 mm    | - Right and Left 75 mm<br>- Backward and Forward 110 mm | 9.5 ~ 30 mm            | 540 x 360 x 390 mm | 16.0 kg |

| Model  | Input         | Collet Size | Rotation Speed           | Overall Dimensions | Weight |
|--------|---------------|-------------|--------------------------|--------------------|--------|
| TR-50A | 500 W         | 6 mm (1/4") | 33,000 min <sup>-1</sup> | 103 x 90 x 179 mm  | 1.3 kg |
| TR-50  | 500 W         | 6 mm (1/4") | 33,000 min <sup>-1</sup> | 103 x 90 x 179 mm  | 1.3 kg |
| TRE-40 | 370 W (100 V) | 6 mm (1/4") | 30,000 min <sup>-1</sup> | 103 x 90 x 211 mm  | 1.3 kg |

## Trimmers

### TRE-55



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



## Heat Gun

### HG-2000



|                          |                                                                      |
|--------------------------|----------------------------------------------------------------------|
| Input                    | 2,000 W                                                              |
| Temperature and Air Flow | 450 °C 300 L / min <sup>-1</sup><br>600 °C 500 L / min <sup>-1</sup> |
| Overall Dimensions       | 230 x 85 x 185 mm                                                    |
| Weight                   | 0.8 kg                                                               |

- \* 2-mode temperature settings for a variety of jobs.
- \* Thermal overload protection.
- \* Light weight 0.8 kg.

### HG-2000K



|                          |                                                                                                   |
|--------------------------|---------------------------------------------------------------------------------------------------|
| Input                    | 2,000 W                                                                                           |
| Temperature and Air Flow | 450 °C 300 L / min <sup>-1</sup><br>600 °C 500 L / min <sup>-1</sup>                              |
| Overall Dimensions       | 230 x 85 x 185 mm                                                                                 |
| Weight                   | 0.8 kg                                                                                            |
| Accessory                | Scraper, Chisel,<br>Glass protection nozzle,<br>Flat nozzle, Hook nozzle,<br>Concentration nozzle |

- \* Accessory kit version of HG-2000.

### Specifications

| Model  | Input | Collet Size | Rotation Speed           | Overall Dimensions | Weight |
|--------|-------|-------------|--------------------------|--------------------|--------|
| TRE-55 | 500 W | 6 mm (1/4") | 24,000 min <sup>-1</sup> | 103 x 90 x 211 mm  | 1.3 kg |

| Model    | Input   | Temperature and Air Flow                                             | Overall Dimensions | Weight |
|----------|---------|----------------------------------------------------------------------|--------------------|--------|
| HG-2000  | 2,000 W | 450 °C 300 L / min <sup>-1</sup><br>600 °C 500 L / min <sup>-1</sup> | 230 x 85 x 185 mm  | 0.8 kg |
| HG-2000K | 2,000 W | 450 °C 300 L / min <sup>-1</sup><br>600 °C 500 L / min <sup>-1</sup> | 230 x 85 x 185 mm  | 0.8 kg |

# Blowers

## BL-3500



|                    |                          |
|--------------------|--------------------------|
| Input              | 630 W                    |
| Airflow Output     | 3.5 m³/ min              |
| Rotation Speed     | 16,000 min <sup>-1</sup> |
| Overall Dimensions | 447 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 m³/ min                |
| Rotation Speed     | 8,000 ~ 16,000 min <sup>-1</sup> |
| Overall Dimensions | 447 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 m³/ 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    | Input | Airflow Output    | Rotation Speed                   | Overall Dimensions | Weight |
|----------|-------|-------------------|----------------------------------|--------------------|--------|
| BL-3500  | 630 W | 3.5 m³/ min       | 16,000 min <sup>-1</sup>         | 447 x 167 x 198 mm | 1.7 kg |
| BL-3500V | 630 W | 1.7 ~ 3.5 m³/ min | 8,000 ~ 16,000 min <sup>-1</sup> | 447 x 167 x 198 mm | 1.7 kg |
| PSV-600  | 650 W | 3.5 m³/ min       | -                                | 480 x 198 x 232 mm | 1.9 kg |

# Winches

## WI-62



|                    |                    |
|--------------------|--------------------|
| Input              | 550 W              |
| Max Lifting Load   | 60 kg              |
| Lifting Speed      | 27.6 m / min       |
| Wire Rope Diameter | 4 mm               |
| Wire Rope Length   | 21 m               |
| Overall Dimensions | 250 x 320 x 205 mm |
| Weight             | 9.7 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 | 4 mm               |
| Wire Rope Length   | 31 m               |
| Overall Dimensions | 182 x 258 x 363 mm |
| Weight             | 12.3 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-500



|                    |                  |
|--------------------|------------------|
| Battery            | 4 AAA batteries  |
| Measuring Range    | 0.1 ~ 50 m       |
| Overall Dimensions | 113 x 56 x 35 mm |
| Weight             | 0.2 kg           |

- \* Laser distance measure.
- \* 3-point pythagoras.
- \* Tracking function.
- \* Multiple calculation feature.



### Specifications

| Model  | Input   | Max Lifting Load | Lifting Speed | Wire Rope Diameter | Wire Rope Length | Overall Dimensions | Weight  |
|--------|---------|------------------|---------------|--------------------|------------------|--------------------|---------|
| WI-62  | 550 W   | 60 kg            | 27.6 m / min  | 4 mm               | 21 m             | 250 x 320 x 205 mm | 9.7 kg  |
| WI-125 | 1,100 W | 130 kg           | 23 m / min    | 4 mm               | 31 m             | 182 x 258 x 363 mm | 12.3 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-500 | 4 AAA batteries | 0.1 ~ 50 m      | 113 x 56 x 35 mm   | 0.2 kg |

# Paint sprayer

## RES-140



|                    |                    |
|--------------------|--------------------|
| Input              | 80 W               |
| Paint Volume       | 250 ml             |
| Container Capacity | 700 ml             |
| Nozzle Size        | Dia. 0.6 mm        |
| Overall Dimensions | 100 x 235 x 250 mm |
| Weight             | 1.7 kg             |

\* Compact and light-weight 1.7 kg.

## PS-1000



|                    |                    |
|--------------------|--------------------|
| Input              | 500 W              |
| Spraying Pressure  | 0.1 ~ 0.2 bar      |
| Container Capacity | 1,000 ml           |
| Air Volume         | 1,000 ml / min     |
| Nozzle Size        | Dia. 1.0 mm        |
| Air Hose Length    | 1.8 m              |
| Overall Dimensions | 280 x 200 x 290 mm |
| Weight             | 2.9 kg             |

\* Quick and fine finish by HVLP (High volume low pressure) spraying gun.

## PST-800



|                    |                    |
|--------------------|--------------------|
| Input              | 700 W              |
| Spraying Pressure  | 0.1 ~ 0.3 bar      |
| Container Capacity | 800 ml             |
| Air Volume         | 1,200 ml / min     |
| Nozzle Size        | Dia. 2.5 mm        |
| Air Hose Length    | 3 m                |
| Overall Dimensions | 320 x 270 x 440 mm |
| Weight             | 4.5 kg             |

\* Quick and fine finish by HVLP (High volume low pressure) spraying gun.

\* Easy transport by trolley design.



### Specifications

| Model   | Input | Paint Volume | Container Capacity | Nozzle Size | Overall Dimensions | Weight |
|---------|-------|--------------|--------------------|-------------|--------------------|--------|
| RES-140 | 80 W  | 250 ml       | 700 ml             | Dia. 0.6 mm | 100 x 235 x 250 mm | 1.7 kg |

| Model   | Input | Spraying Pressure | Container Capacity | Air Volume     | Nozzle Size | Air Hose Length | Overall Dimensions | Weight |
|---------|-------|-------------------|--------------------|----------------|-------------|-----------------|--------------------|--------|
| PS-1000 | 500 W | 0.1 ~ 0.2 bar     | 1,000 ml           | 1,000 ml / min | Dia. 1.0 mm | 1.8 m           | 280 x 200 x 290 mm | 2.9 kg |
| PST-800 | 700 W | 0.1 ~ 0.3 bar     | 800 ml             | 1,200 ml / min | Dia. 2.5 mm | 3 m             | 320 x 270 x 440 mm | 4.5 kg |



# High Pressure Washers / Vacuum Cleaners

# High Pressure Washers

## AJP-55



|                    |                    |
|--------------------|--------------------|
| Input              | 1,400 W (220V)     |
| Water Pressure     | 7 MPa (70 bar)     |
| Max Pressure       | 9 MPa (90 bar)     |
| Water Volume       | 5.5 Litre / min    |
| Overall Dimensions | 214 x 198 x 452 mm |
| Weight             | 3.7 kg             |

## AJP-1100



|                    |                    |
|--------------------|--------------------|
| Input              | 1,400W             |
| Water Pressure     | 7 Mpa (70 bar)     |
| Max Pressure       | 10 Mpa (100 bar)   |
| Water Volume       | 5.5 Litre / min    |
| Overall Dimensions | 240 x 320 x 480 mm |
| Weight             | 4.5 kg             |

## AJP-1210



|                    |                    |
|--------------------|--------------------|
| Input              | 1,200 W            |
| Water Pressure     | 6.5 MPa (65 bar)   |
| Max Pressure       | 10 MPa (100 bar)   |
| Water Volume       | 4.7 Litre / min    |
| Overall Dimensions | 374 x 180 x 411 mm |
| Weight             | 5.2 kg             |

## AJP-1310



|                    |                    |
|--------------------|--------------------|
| Input              | 1,400 W (220V)     |
| Water Pressure     | 7 MPa (70 bar)     |
| Max Pressure       | 10.5 MPa (105 bar) |
| Water Volume       | 6.0 Litre / min    |
| Overall Dimensions | 387 x 221 x 404 mm |
| Weight             | 6.2 kg             |

## AJP-1410 / 1410A



|                    |                    |
|--------------------|--------------------|
| Input              | 1,400 W            |
| Water Pressure     | 8.5 MPa (85 bar)   |
| Max Pressure       | 12 MPa (120 bar)   |
| Water Volume       | 6.0 Litre / min    |
| Overall Dimensions | 261 x 268 x 525 mm |
| Weight             | 6.2 kg             |

## AJP-1600



|                    |                                    |
|--------------------|------------------------------------|
| Input              | 1,400 W (110 V)<br>1,700 W (220 V) |
| Water Pressure     | 11 MPa (110 bar)                   |
| Max Pressure       | 15 MPa (150 bar)                   |
| Water Volume       | 6.7 Litre / min                    |
| Overall Dimensions | 360 x 260 x 830 mm                 |
| Weight             | 6.8 kg                             |

### Specifications

| Model           | Input                            | Water Pressure   | Max Pressure       | Water Volume    | Overall Dimensions | Weight |
|-----------------|----------------------------------|------------------|--------------------|-----------------|--------------------|--------|
| AJP-55          | 1,400 W (220V)                   | 7 MPa (70 bar)   | 9 MPa (90 bar)     | 5.5 Litre / min | 214 x 198 x 452 mm | 3.7 kg |
| AJP-1100        | 1,400 W                          | 7 Mpa (70 bar)   | 10 Mpa (100 bar)   | 5.5 Litre / min | 240 x 320 x 480 mm | 4.5 kg |
| AJP-1210        | 1,200 W                          | 6.5 MPa (65 bar) | 10 MPa (100 bar)   | 4.7 Litre / min | 374 x 180 x 411 mm | 5.2 kg |
| AJP-1310        | 1,400 W (220V)                   | 7 MPa (70 bar)   | 10.5 MPa (105 bar) | 6.0 Litre / min | 387 x 221 x 404 mm | 6.2 kg |
| JP-1410 / 1410A | 1,400 W                          | 8.5 MPa (85 bar) | 12 MPa (120 bar)   | 6.0 Litre / min | 261 x 268 x 525 mm | 6.2 kg |
| AJP-1600        | 1,400 W (110V) / 1,700 W (220 V) | 11 MPa (110 bar) | 15 MPa (150 bar)   | 6.7 Litre / min | 360 x 260 x 830 mm | 6.8 kg |

# High Pressure Washers

## AJP-1610



|                    |                    |
|--------------------|--------------------|
| Input              | 1,800 W            |
| Water Pressure     | 10 MPa (100 bar)   |
| Max Pressure       | 14 MPa (140 bar)   |
| Water Volume       | 6.7 Litre / min    |
| Overall Dimensions | 333 x 256 x 800 mm |
| Weight             | 7.5 kg             |

## 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             | 6.5 kg                    |

\* Silent mechanism and ECO mode function.

## AJP-1623



|                    |                                  |
|--------------------|----------------------------------|
| Input              | 1,900 W (230V)<br>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              | 1,700 W                 |
| Water Pressure     | 3 - 8 MPa (30 - 80 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              | 1,700 W                 |
| Water Pressure     | 3 - 8 MPa (30 - 80 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-1610 | 1,800 W                           | 10 MPa (100 bar)          | 14 MPa (140 bar) | 6.7 Litre / min       | 333 x 256 x 800 mm | 7.5 kg |
| 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 | 6.5 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   | 1,700 W | 3 - 8 MPa (30 - 80 bar) | 12 MPa (120 bar) | 3.5 - 6.0 Litre / min | 304 x 318 x 840 mm | 8.4 kg |
| AJP-1700VGQ | 1,700 W | 3 - 8 MPa (30 - 80 bar) | 12 MPa (120 bar) | 3.5 - 6.0 Litre / min | 304 x 318 x 840 mm | 8.4 kg |

## High Pressure Washers

### AJP-2200GQ



|                    |                    |
|--------------------|--------------------|
| Input              | 1,400 W            |
| Water pressure     | 8 MPa (80 bar)     |
| Max pressure       | 12 MPa (120 bar)   |
| Water volume       | 5.0 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-2200GQ | 1,400 W | 8 MPa (80 bar) | 12 MPa (120 bar) | 5.0 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 | 684 x 185 x 173 mm |
| Weight             | 2.9 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.

## 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.



### 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     | 684 x 185 x 173 mm | 2.9 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 |

## Compact Chain Saw

### 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.



## Mulching Blower Vacuums

### RESV-1400



|                    |                    |
|--------------------|--------------------|
| Input              | 1,400 W            |
| Vacuum Air Speed   | 234 km / h         |
| Blow Air Volume    | 9.5 m³ / 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   | 198 / 234 km / h   |
| Blow Air Volume    | 7.5 / 9.5 m³ / 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.



### Specifications

| Model    | Input         | Saw Length | Overall Dimensions | Weight |
|----------|---------------|------------|--------------------|--------|
| GCS-1500 | 180 W (100 V) | 95 mm      | 374 x 180 x 155 mm | 1.4 kg |

| Model     | Input   | Vacuum Air Speed | Blow Air Volume  | Mulching Ratio | Overall Dimensions | Weight |
|-----------|---------|------------------|------------------|----------------|--------------------|--------|
| RESV-1400 | 1,400 W | 234 km / h       | 9.5 m³/min       | 10:1           | 905 x 174 x 400 mm | 3.5 kg |
| RESV-1410 | 1,400 W | 198 / 234 km / h | 7.5 / 9.5 m³/min | 10:1           | 905 x 174 x 400 mm | 3.5 kg |

## Brush Cutter

### BK-2300



|                    |                      |
|--------------------|----------------------|
| Voltage            | 25.2 V               |
| Battery Type       | Li-Ion 3,000 mAh     |
| Charging Time      | 60 minutes           |
| Overall Dimensions | 1,735 x 620 x 440 mm |
| Weight             | 5.5 kg               |

- \* Li-Ion brush cutter.
- \* Maneuverability 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          |
| Charging 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 m²/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 m²/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 m² / one charge |
| Mowing Width       | 230 mm              |
| Mowing Depth       | 5 ~ 25 mm           |
| Battery Type       | Li-Ion 2,200 mAh    |
| Charging Time      | 60 minutes          |
| Overall Dimensions | 790 x 340 x 290 mm  |
| Weight             | 11.2 kg             |

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

### Specifications

| Model    | Voltage | Battery Type          | Charging Time | Overall Dimensions               | Weight               |               |                    |         |
|----------|---------|-----------------------|---------------|----------------------------------|----------------------|---------------|--------------------|---------|
| BK-2300  | 25.2 V  | Li-Ion 3,000 mAh      | 60 minutes    | 1,735 x 620 x 440 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 | Charging 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 m²/ 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 m²/ 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         | Charging Time | Overall Dimensions | Weight  |
| BLM-2300 | 25.2 V  | 100 m² / 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-3022



|                      |                    |
|----------------------|--------------------|
| Input                | 320 W              |
| Max Cutting Diameter | 15 mm              |
| Saw Length           | 300 mm             |
| Overall Dimensions   | 602 x 180 x 168 mm |
| Weight               | 1.7 kg             |

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

## HT-3630



|                      |                    |
|----------------------|--------------------|
| Input                | 320 W              |
| Max Cutting Diameter | 17 mm              |
| Saw Length           | 360 mm             |
| Overall Dimensions   | 654 x 174 x 156 mm |
| Weight               | 1.7 kg             |

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

## HT-4240



|                      |                    |
|----------------------|--------------------|
| Input                | 330 W              |
| Max Cutting Diameter | 20 mm              |
| Saw Length           | 400 mm             |
| Overall Dimensions   | 713 x 186 x 167 mm |
| Weight               | 2.1 kg             |

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

## HT-5040



|                      |                    |
|----------------------|--------------------|
| Input                | 330 W              |
| Max Cutting Diameter | 20 mm              |
| Saw Length           | 500 mm             |
| Overall Dimensions   | 797 x 186 x 167 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-3022 | 320 W | 15 mm                | 300 mm     | 602 x 180 x 168 mm | 1.7 kg |
| HT-3630 | 320 W | 17 mm                | 360 mm     | 654 x 174 x 156 mm | 1.7 kg |
| HT-4240 | 330 W | 20 mm                | 400 mm     | 713 x 186 x 167 mm | 2.1 kg |
| HT-5040 | 330 W | 20 mm                | 500 mm     | 797 x 186 x 167 mm | 2.2 kg |

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