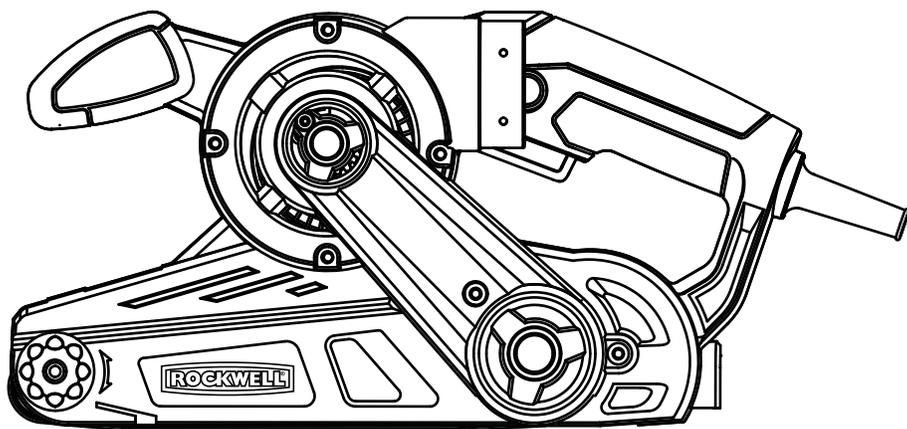


# ROCKWELL®



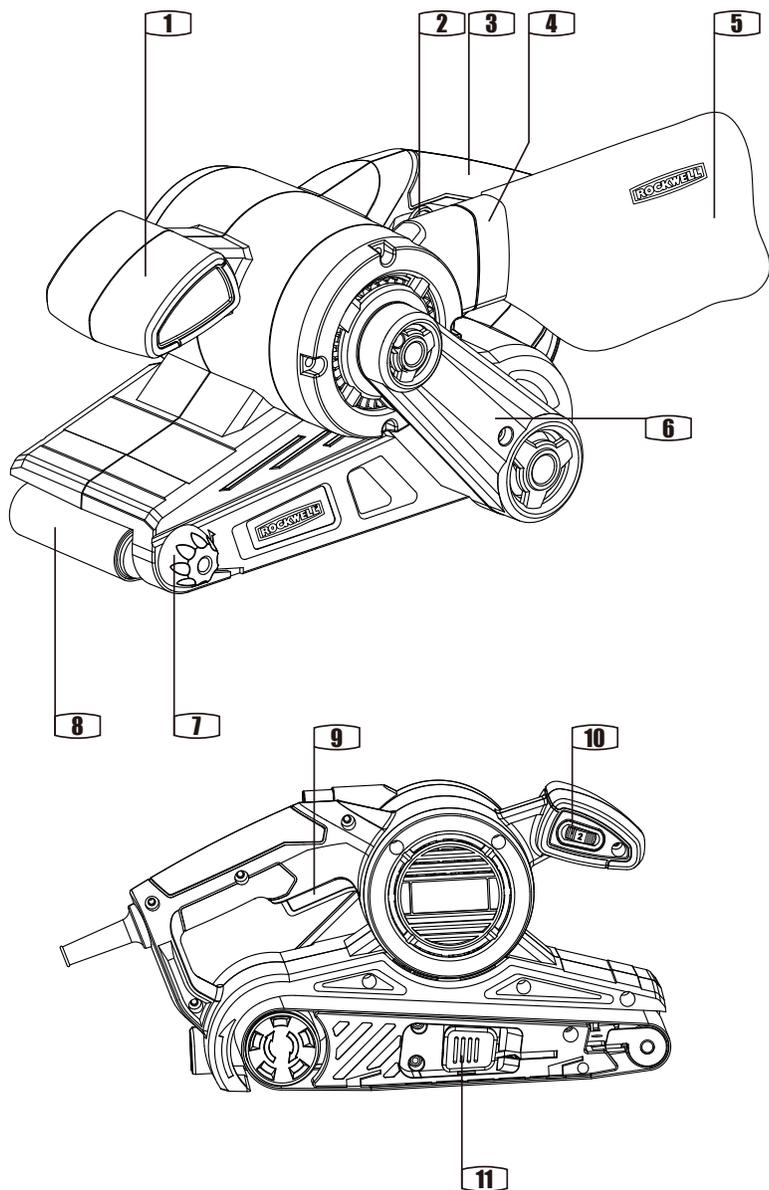
**RD4362**

**BELT SANDER**

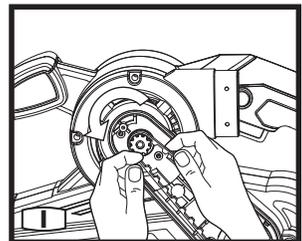
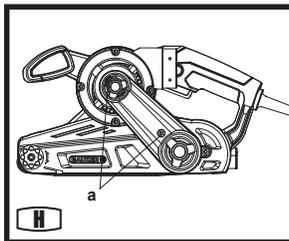
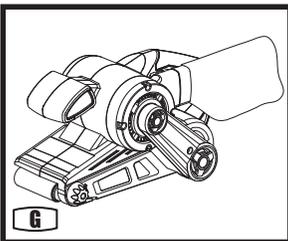
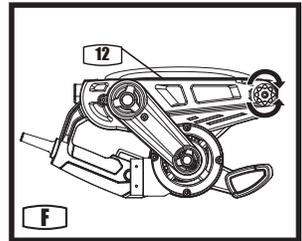
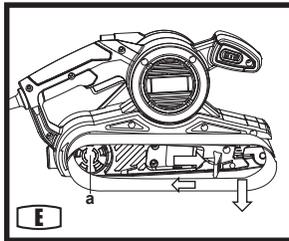
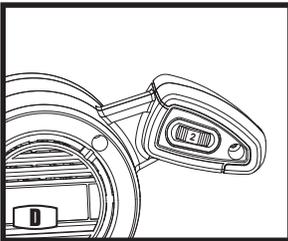
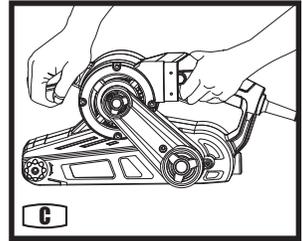
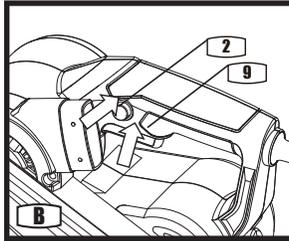
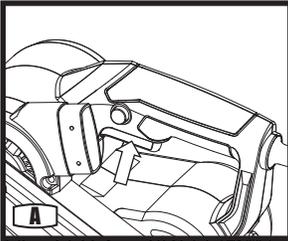
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# RD4362



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## COMPONENT LIST

- 1 Auxiliary Handle**

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- 2 Lock- On Button**

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- 3 Hand Grip Areas**

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- 4 Dust Extraction Outlet**

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- 5 Dust Bag**

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- 6 Belt Cover**

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- 7 Belt Centering Control Knob**

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- 8 Sanding Belt**

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- 9 On/Off Switch**

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- 10 Variable Speed Control Dial**

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- 11 Belt Tension Lever**

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- 12 Sanding Plate (See Fig. F).**

**Not all the accessories illustrated or described are included in standard delivery.**

## ACCESSORIES

- Dust Bag 1
- 80 Grit Sanding Belt 1
- Vacuum Adapter 1

We recommend that you purchase your accessories from the same store that sold you the tool. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

## GENERAL POWER TOOL SAFETY

### WARNINGS

**⚠ WARNING! Read all safety warnings, instructions, illustrations and specifications provided with this power tool.** Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

**Save all warnings and instructions for future reference.**

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

- 1) Work area safety**
  - a) Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
  - b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
  - c) Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.
- 2) Electrical safety**
  - a) Power tool plugs must match the outlet. Never modify the plug in any way. Do not use any**

**adapter plugs with earthed (grounded) power tools.** Unmodified plugs and matching outlets will reduce risk of electric shock.

- b) Avoid body contact with earthed or grounded surfaces, such as pipes, radiators, ranges and refrigerators.** There is an increased risk of electric shock if your body is earthed or grounded.
- c) Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.
- d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts.** Damaged or entangled cords increase the risk of electric shock.
- e) When operating a power tool outdoors, use an extension cord suitable for outdoor use.** Use of a cord suitable for outdoor use reduces the risk of electric shock.
- f) If operating a power tool in a damp location is unavoidable, use a residual current device (RCD) protected supply.** Use of an RCD reduces the risk of electric shock.

### 3) Personal safety

- a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** A moment of inattention while operating power tools may result in serious personal injury.
- b) Use personal protective equipment. Always wear eye protection.** Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
- c) Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** Carrying power tools with your finger on the switch or energising power tools that have the switch on invites accidents.
- d) Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- e) Do not overreach. Keep proper footing and balance at all times.** This enables better control of the power tool in unexpected situations.
- f) Dress properly. Do not wear loose clothing or**

**jewellery. Keep your hair and clothing away from moving parts.** Loose clothes, jewellery or long hair can be caught in moving parts.

- g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** Use of dust collection can reduce dust-related hazards.
- h) Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** A careless action can cause severe injury within a fraction of a second.

### 4) Power tool use and care

- a) Do not force the power tool. Use the correct power tool for your application.** The correct power tool will do the job better and safer at the rate for which it was designed.
- b) Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- c) Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** Such preventive safety measures reduce the risk of starting the power tool accidentally.
- d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- e) Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** Many accidents are caused by poorly maintained power tools.
- f) Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- g) Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.
- h) Keep handles and grasping surfaces dry, clean**

**and free from oil and grease.** Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.

#### 5) Service

- a) **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

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## SAFETY WARNINGS FOR BELT SANDER

**Hold the power tool by insulated gripping surfaces, because the sanding surface may contact its own cord.** Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.

Always check the workpiece before operation and remove any obstructions such as nails, staples, screws, string, rags, cloths and other debris. Do not lay the sander down until the sanding belt has come to a complete stop.

Never turn the sander on or off when the tool is in contact with the workpiece. This may cause damage to the workpiece or result in personal injury. The sander should be running before contact is made with the workpiece and it should be removed from the workpiece before being switched off.

For best results and safe use of this tool it is recommended that the workpiece should be clamped securely to a work bench.

When in use always hold the sander firmly with both hands.

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## ADDITIONAL SAFETY RULES:

- 1) **Recommendation that the tool always be supplied via a residual current device with a rated residual current of 30 mA or less.**
- 2) **The belt sander will move forward rapidly when it makes contact with the workpiece. Ensure you are holding the sander firmly with both hands.**
- 3) **Hold the back handle and the front support handle firmly with both hands and move the tool**

**back and forth. Do keep the sander in once area for prolonged periods as this may damage the workpiece.**

- 4) **Take special care to guard against harmful and toxic dusts when sanding lead-based painted surfaces, woods and metals, including the following:** - All persons entering the work area must wear a face mask specially designed for protection against toxic dust and fumes such as those arising from the sanding of lead paint.  
- Children and pregnant women must not enter the work area.  
- Do not eat, drink or smoke in the work area.
- 5) **Extreme care should be taken when sanding painted surfaces. The dust may contain lead which if comes into contact with the skin or is breathed in will cause poisoning. If you suspect paint contains lead stop immediately and seek professional advice.**

- 6) **Do not use the same sanding belt for wood and metal as metal particles will become embedded in the sand paper and will damage wooden surfaces. This will avoid any unnecessary damage to the base.**

## SYMBOLS



To reduce the risk of injury, user must read instruction manual



Wear ear protection



Wear eye protection



Wear dust mask



Double insulation



Warning



RCM marking

**ABN:** Australian Business Number. By this number, business information such as entity type, status, business location etc. can be found at website

<http://abr.business.gov.au>.

ABN of Positec Australia Pty Ltd is 14 101 682 357

## TECHNICAL DATA

Voltage	230-240V~ 50Hz
Power Input	920W
No-load speed	150-270 /min
belt size	76*533mm
sanding size	76*135mm
Protection class	 /II
Machine weight	2.95kg

## OPERATION INSTRUCTIONS



**NOTE:** Before using the tool, read the instruction book carefully.

### Intended Use

The machine is intended for dry sanding—with high removal capacity of wood, plastic, metal, filler as well as varnished surfaces.

### 1. ON/OFF SWITCH (SEE FIG. A)

Press to start and release to stop your tool.

### 2. SWITCH LOCK-ON BUTTON (SEE FIG. B)

Press on/off switch(9) then depress lock-on button (2). Pressing the lock-on button while the on/off switch is engaged will allow the sander to continue operating without constant pressure being applied to the on/off switch. To turn off while in this mode, re-press the on/off switch.

### 3. HAND GRIP AREAS (SEE C)

Always hold your belt sander firmly with both hands when operating.

### 4. VARIABLE SPEED CONTROL DIAL (SEE FIG. D)

Adjust the variable speed control dial (10) to increase or decrease the speed according to the material and sanding belt specification to be used (also possible during no load operation). See the table below for general guidance on speed selection. Avoid prolonged use at very low speed as this may damage your sander's motor.

Material	Speed Selection	Belt Grit
Solid Wood	5-6	80
Veneer	2-4	150
Chipboard	1-5	60/80
Plastics	2-5	100
Steel	5-6	80
Paint Removal	6	40/60
Balsa Wood	1-3	100
Acrylic	1-2	100

### 5. CHANGING A SANDING BELT (SEE FIG. E)



**WARNING!** Remove the power plug from the power socket before changing sanding belts.

Pull out the belt tension lever (11) then remove the existing belt (8) by sliding it clear of the sanding plate (12). Line up the new belt so the arrow on the underside of the belt is pointed in the same direction as the arrows located on the rear roller (a) then slide the belt into position over both rollers. Press the belt tension lever in firmly ensuring that it goes all the way back to the locked position.

#### 6. BELT CENTERING CONTROL (SEE FIG. F)



**WARNING! Wear eye protection before carrying out a belt centering adjustment.**

Turn the machine upside down, hold it firmly with one hand, start the motor and release the switch immediately after observing tracking of sanding belt. If abrasive belt runs outward, turn belt centering control knob (7) counter-clockwise and clockwise if belt runs inward. Adjust the belt until the outer edge of the belt is even with the outer edge of the base-plate. Belt life will be greatly increased by keeping the tracking adjustment set properly.

#### 7. DUST BAG (SEE FIG. G)

You must use the dust bag (5) provided to collect the dust produced during sanding. The dust bag (5) plastic bracket slides down onto the dust extraction outlet (4) on the belt sander. When the dust collection bag is full, remove and empty by opening the zip on the dust bag (8).

#### 8. DRIVE BELT REPLACEMENT(SEE FIG. H,I)



**WARNING! Remove the main plug from the socket before carrying out a drive belt replacement.**

Remove the two screws (a) and the belt cover (6) as shown (See Fig. H)  
Carefully cut the old drive belt if not already broken and remove from your belt sander. Fit your new drive belt around the large pulley. Then install onto the small pulley by rotating clockwise and pushing the drive belt shown around the small pulley at the same time. The drive belt will be a tight fit. (See Fig. I)  
Fit the belt cover (6) and two screws (a).

replace the new sanding belt and try again. The sanding belt must be kept in a dry place.

3. If a fault can not be rectified, return the sander to an authorized dealer for repair.

## WORKING HINTS FOR YOUR BELT SANDER

If your power tool becomes too hot, especially when used at low speed, set the speed to maximum and run with no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speed. Always use a sanding belt suited to the material you wish to sand. Always ensure the work-piece is firmly held or clamped to prevent movement. Support large panels close to the sanding area. Any movement of the material may affect the quality of the sanding finish. Start your sander before sanding and turn off only after stopping sanding. For best results sand wood in the direction of the grain. Do not start sanding without the sanding belt fitted. Empty the dust bag every 5 minutes or sooner to ensure efficient dust collection.

## MAINTENANCE

**Remove the plug from the socket before carrying out any adjustment, servicing or maintenance.**

Your power tool requires no additional lubrication or maintenance. There are no user serviceable parts in your power tool. Never use water or chemical cleaners to clean your power tool. Wipe clean with a dry cloth. Always store your power tool in a dry place. Keep the motor ventilation slots clean. Keep all working controls free of dust.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

## TROUBLESHOOTING

1. If your sander will not operate, check the power at the power source.
2. If the sander does not abrade surface, check the sanding belt. If the sanding belt has been worn,







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