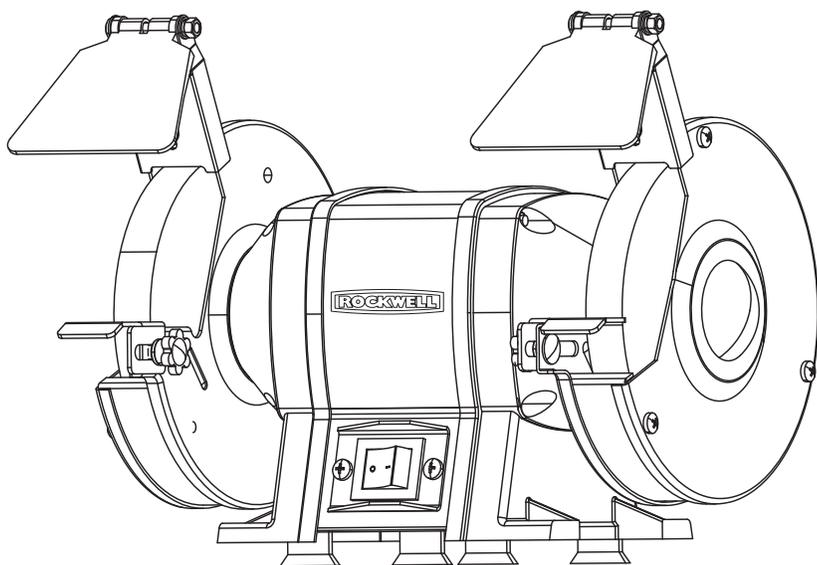


ROCKWELL®

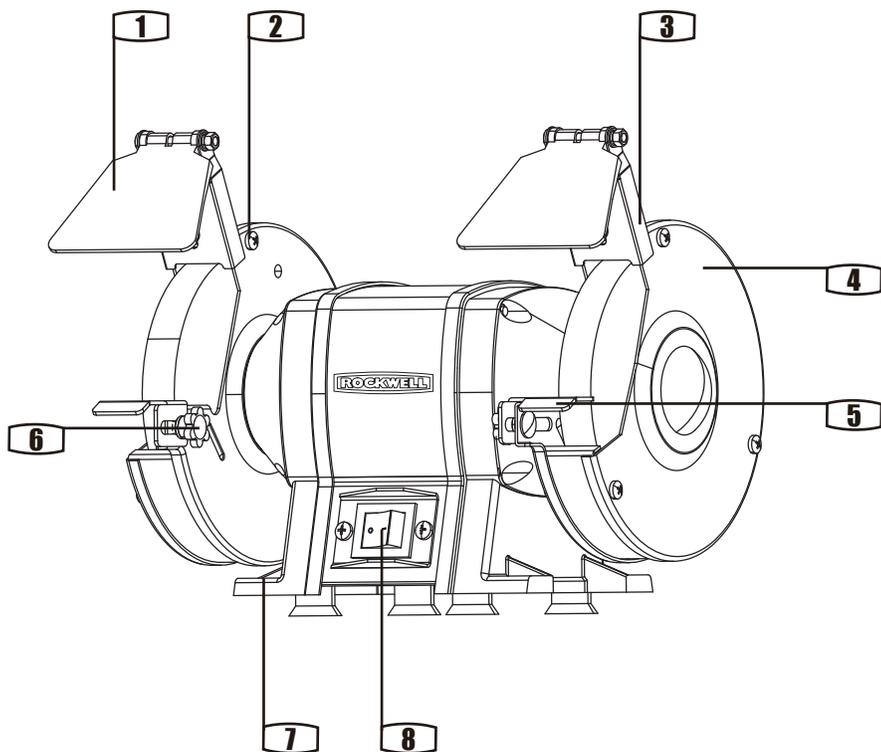


RT7876

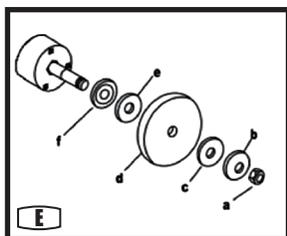
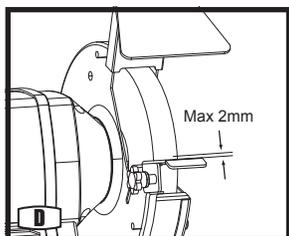
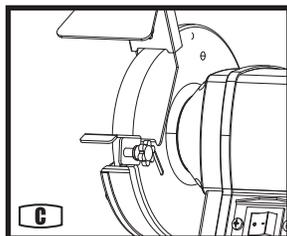
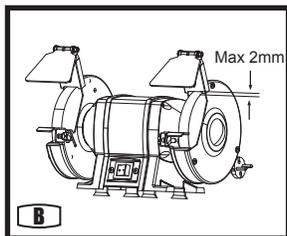
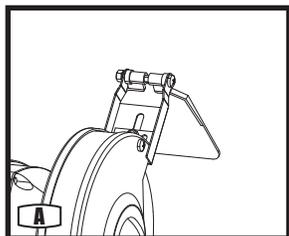
250W BENCH GRINDER

EN

RT7876



RT7876



COMPONENT LIST

-
- | | |
|---|-------------------------------------|
| 1 | Eye shield |
| 2 | Wheel guard fixing screws |
| 3 | Spark arrester / Eye shield bracket |
| 4 | Grinding wheel |
| 5 | Work rest |
| 6 | Work rest fixing screw |
| 7 | Mounting holes |
| 8 | On/Off switch |
-

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

ACCESSORIES

Work rest	2
Eye shields	2
Grinding disk: $\Phi 150 \times 20 \times \Phi 12.7$ mm left #36	1
Grinding disk: $\Phi 150 \times 20 \times \Phi 12.7$ mm right #60	1

We recommend that you purchase your accessories from the same store that sold you the tool. Use good quality accessories marked with a well-known brand name. Choose the type according to the work you intend to undertake. Refer to the accessory packaging for further details. Store personnel can assist you and offer advice.

SAFETY INSTRUCTIONS

WARNING! When using electric tools basic safety precautions should always be followed to reduce the risk of fire, electric shock and personal injury. Read all these instructions before attempting to operate this product and save these instructions.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

Safe operation

1. **Keep work area clear**
 - Cluttered areas and benches invite injuries.
2. **Consider work area environment**
 - Do not expose tools to rain.
 - Do not use tools in damp or wet locations.
 - Keep work area well lit.
 - Do not use tools in the presence of flammable liquids or gases.
3. **Guard against electric shock**
 - Avoid body contact with earthed or grounded surfaces (e.g. pipes, radiators, ranges, refrigerators).
4. **Keep other persons away**
 - Do not let persons, especially children, not involved in the work touch the tool or the extension cord and keep them away from the work area
5. **Store idle tools**
 - When not in use, tools should be stored in a dry locked-up place, out of reach of children.
6. **Do not force the tool**
 - It will do the job better and safer at the rate for which it was intended.
7. **Use the right tool**
 - Do not force small tools to do the job of a heavy duty tool.
 - Do not use tools for purposes not intended; for example do not use circular saws to cut tree limbs or logs.
8. **Dress properly**
 - Do not wear loose clothing or jewellery, they can be caught in moving parts.
 - Non-skid footwear is recommended when working outdoors.
 - Wear protective hair covering to contain long hair.
9. **Use protective equipment**
 - Use safety glasses.
 - Use face or dust mask if working operations create dust.
10. **Connect dust extraction equipment**
 - If the tool is provided for the connection of dust extraction and collecting equipment, ensure these are connected and properly used.
11. **Do not abuse the cord**
 - Never yank the cord to disconnect it from the socket Keep the cord away from heat, oil and sharp edges.
12. **Secure work**
 - Where possible use clamps or a vice to hold the work. It is safer than using your hand.
13. **Do not overreach**
 - Keep proper footing and balance at all times.
14. **Maintain tools with care**
 - Keep cutting tools sharp and clean for better and safer performance.
 - Follow instruction for lubricating and changing accessories.
 - Inspect tool cords periodically and if damaged have them repaired by an authorized service facility.
 - Inspect extension cords periodically and replace if damaged.
 - Keep handles dry, clean and free from oil and grease.
15. **Disconnect tools**
 - When not in use, before servicing and when changing accessories such as blades, bits and cutters, disconnect tools from the power supply.
16. **Remove adjusting keys and wrenches**
 - Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.
17. **Avoid unintentional starting**
 - Ensure switch is in "off" position when plugging in
18. **Use outdoor extension leads**
 - When the tool is used outdoors, use only extension cords intended for outdoor use and so marked.
19. **Stay alert**
 - Watch what you are doing, use common sense and do not operate the tool when you are tired.
20. **Check damaged parts**
 - Before further use of tool, it should be carefully checked to determine that it will operate properly and perform its intended function.
 - Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting and

any other conditions that may affect its operation.

- **A guard or other part that is damaged should be properly repaired or replaced by an authorized service centre unless otherwise indicated in this instruction manual.**
 - **Have defective switches replaced by an authorized service centre.**
 - **Do not use the tool if the switch does not turn it on and off.**
- 21. Warning**
- **The use of any accessory or attachment other than one recommended in this instruction manual may present a risk of personal injury.**
- 22. Have your tool repaired by a qualified person**
- **This electric tool complies with the relevant safety rules. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user.**
- 23. If the replacement of the supply cord is necessary, this has to be done by the manufacturer or his agent in order to avoid a safety hazard.**
- 24. For tools intended to be connected to a water supply:**
- **Replacement of the plug or the supply cord shall always be carried out by the manufacturer of the tool or his service organisation.**
 - **Keep water clear off the electrical parts of the tool and away from persons in the working area.**

SAFETY WARNINGS FOR GRINDING

1. Do not use damaged or misshapen grinding wheels or brushes;
2. Use only grinding wheels recommended by the manufacturer which have a marked speed equal to or greater than the speed marked on the nameplate of the tool;
3. Adjust the spark arresstor frequently so as to compensate for wear of the wheel, keep the distance between the spark arresstor and the wheel as small as possible and in any case not greater than 2 mm;
4. The grinder must be secured to a suitable work surface before use
5. For bench grinders and combined bench grinders equipped with straight-sided flanges, the recommended values of the thickness T and the diameter of the hole see the technical data;
6. Always keep the brush assembled on the spindle in order to limit the risk of contact with the rotating

spindle.

7. Always wear eye protection and check that the eye shields on the grinder are properly adjusted.
8. The adjustment of the spark arresstor shall be made frequently, so as to compensate the wear of the wheel, keeping the distance between the guard and the wheel as small as possible, but in any case not greater than 2 mm.
9. The adjustment of the work rest shall be done gradually so as to compensate the wear of the wheel, keeping the distance between the work rest and the wheel as small as possible, but in any case not greater than 2 mm.
10. Never leave the grinder until the grinding wheels have come to a complete stop.
11. Do not use a wheel that has received a blow, especially to the side of the wheel; Replace a cracked or suspect wheel.
12. Always allow a new wheel to run for a few minutes at full speed before using it. Stand to one side at start up.
13. Check that the wheel rotates freely each time before start up.
14. Do not use the grinder unless all the guards are properly fitted and secure.
15. Check that the work rests are properly adjusted before commencing use.
16. Do not overload the grinder. Allow the grinder to run at full speed, or close to full speed during use.
17. Never apply excessive pressure to the wheel. It might shatter causing personal injury.
18. Make sure that the wheel is not in contact with the work when you start the grinder.
19. When using the grinder, use safety equipment including safety goggles or shield, ear protection, dust mask and protective clothing including safety gloves.

ADDITIONAL SAFETY INSTRUCTIONS FOR YOUR BENCH GRINDERS

1. Always remove the plug from the mains socket before making any adjustments or maintenance, including changing the wheel.
2. Always turn the grinder off when it is not in use and never leave it unattended without first switching off and removing the power plug. Never leave the grinder until the grinding wheels have come to a complete stop.
3. Do not let anyone under 18 years operate this tool.

4. Rags, cloths, cord, string and the like should never be left around the work area.
5. If you are interrupted when operating the tool, complete the process and switch off before looking up.
6. Periodically check that all nuts, bolts and other fixings are properly tightened.
7. Do not use a wheel that has received a blow, especially to the side of the wheel.
8. Replace a cracked or suspect wheel.
9. Always allow a new wheel to run for a few minutes at full speed before using it. Stand to one side at start up.
10. Check that the wheel rotates freely each time before start up.
11. Do not use the grinder unless all the guards are properly fitted and secure.
12. Check that the work rests are properly adjusted before commencing use.
13. Do not overload the grinder. Allow the grinder to run at full speed, or close to full speed during use.
14. Never apply excessive pressure to the wheel. It might shatter causing personal injury.
15. Make sure that the wheel is not in contact with the work when you start the grinder.
16. When using the grinder, use safety equipment including safety goggles or shield, ear protection, dust mask and protective clothing including safety gloves.



CAUTION: ENSURE SWITCH OFF POWER BEFORE CHANGING LAMP.

SYMBOL



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



Wear ear protection



Wear eye protection



Wear dust mask



Remove plug from mains before maintenance or if cord is damaged.



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 Limited is 14 101 682 357

TECHNICAL DATA

Voltage	230-240V~50Hz
Power input	250 W S2:30 min
No load speed	2950 /min
Wheel size 1:	Φ150 X 20 X Φ12.7mm left #36
Wheel size 2:	Φ150 X 20 X Φ12.7mm right #60
Machine weight	7.3kg

OPERATING INSTRUCTIONS



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

1. ASSEMBLY INSTRUCTIONS

Before use, the eye shields/spark arresters must be fitted to the grinder.

Remove both eye shields from packaging, position the shields over the two mounting brackets above the grinding wheels with the flanges of the spark arrester facing away from you, fix with the screw and washer provided. At this stage do not fully tighten. (See Fig.A) The next step is to adjust the eye shields/spark arresters. To do this move the eye shields/spark arresters so as to obtain a gap as small as possible between the arrester and the grinder wheel, not greater than 2mm, the screw must now be fully tightened, See Fig.B. The gap must be maintained as the wheel wears.

2. WORK REST ADJUSTMENT

Take the work rest out of the package, fix on the grinder with the two screws and washer provided as shown in Fig.C. The gap between the rests and the wheels should be checked before use. Measure the gap between the grinding wheel and the rests; this should be as small as possible not greater than 2 mm, if not, loosen the two screws on each of the rests, set the correct gap and fully tighten, see Fig.D. The gap must be maintained as the wheel wears.

3. OPERATING

Make sure grinder is securely mounted; mounting holes are provided in the base of the grinder for this purpose, but the screws are not provided. Plug in the mains supply and push the on/off switch right to the on position. Switch off and unplug the grinder when not in use.

4. CHANGING GRINDING WHEELS (SEE FIG.E)

To change the grinding wheels, first unplug from mains supply then remove the eye shield brackets, then undo and remove the three screws holding the wheel guard covers in place.

Remove the cover. Undo and remove the two wheels retaining nuts (a). You may have to hold the wheel and give the spanner a firm tap with a soft headed hammer to release the nut, take off the large domed washer (b), paper washer (c) and remove the wheels (d).

NOTE: The nut on the right side of the grinder has a standard right hand thread (turn counterclockwise to loosen). The one on the left side has a left hand thread

(turn clockwise to loosen).

Replace in same order, making sure both domed washers face correct direction, check the paper washer(c and e), if damaged replace with new paper washer. Hold the wheel and tighten the nut firmly but do not over-tighten.

NOTE: only replace flanges with original items, these can be supplied through a authorized dealer.



WARNING: OVERTIGHTENING CAN CRACK A GRINDING WHEEL.

MAINTENANCE

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

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

TROUBLESHOOTING

Although your new bench grinder is really very simple to operate, if you do experience problems, check the following:

1. GRINDER WILL NOT START

Check that there is "mains" at the socket; test with an electrical screwdriver or another electrical appliance; check the connections in the plug; correct and tighten poor connections; check the fuse; if suspect replace with correct rating.

2. WHEEL WOBBLER OR VIBRATES

Check that the lock-nut is tight. Check that the wheel is correctly located on the shaft and locating washer. If excessive pressure has been used or the wheel has "caught", it may be damaged causing it to vibrate. If there is any evidence that the wheel is damaged, do not use, remove it and replace with a new wheel. Dispose of old wheels sensibly.

3. WHEEL LEAVES ROUGH FINISH

Too much pressure on the wheel can cause a poor surface finish. If working with aluminium or similar soft alloy, the wheel will soon become clogged and will not grind effectively.

There are no other users serviceable parts in your bench grinder.

HANDY HINTS

Your bench grinder is useful for sharpening tools, e.g. drills, chisels; refacing tools, e.g. removing burrs from tool edges; removing material, however this is not a heavy duty tool and is designed primarily for light home and hobby use.

The two different types of wheel will allow the grinder to meet various needs. Typically, use the coarse grinding wheel for rough cutting, i.e. removing a larger amount of material.

Use the medium wheel for finishing to leave a smoother surface.

If the grinder is used on soft metals such as aluminium, the wheel will soon clog and will have to be changed.

At all times, let the grinder do the work, do not force it or apply excessive pressure to the wheel/cutter.

Try to use the tool rest for supporting and guiding the workpiece. Do not grind using the side cheeks of the grinding wheel as undue pressure on the side of the wheel could cause the wheel to shatter.



POSITEC AUSTRALIA PTY LTD
ABN 14 101 682 357

MADE IN PRC