



INSTRUCTIONS FOR:

BENCH MOUNTING BUFFER/POLISHER

150MM 370W/230V & 200MM 550W/230V

MODEL NO'S: BB1502 & BB2002

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions, and properly maintained, give you years of trouble free performance.

IMPORTANT: PLEASE READ THESE INSTRUCTIONS CAREFULLY. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS & CAUTIONS. USE THE PRODUCT CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. FAILURE TO DO SO MAY CAUSE DAMAGE AND/OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. KEEP THESE INSTRUCTIONS SAFE FOR FUTURE USE.



Refer instruction manual



Wear eye protection



Wear a mask



Wear protective gloves

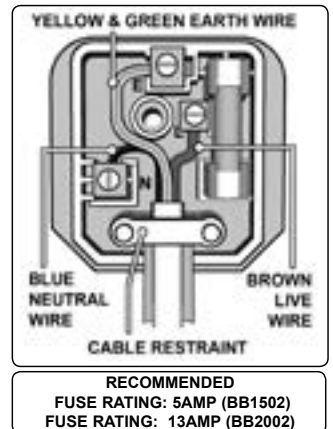
1. SAFETY

1.1. ELECTRICAL SAFETY

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer. **You must** also read and understand the following instructions concerning electrical safety.

- 1.1.1. The **Electricity at Work Act 1989** requires that all portable electrical appliances, if used on business premises, are tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.
- 1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
- 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.1.8. **DO NOT** pull the plug from the socket by the cable.
- 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.** Fit a new plug according to the following instructions (UK only).
 - a) **Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.**
 - b) **Connect the BROWN live wire to the live terminal 'L'.**
 - c) **Connect the BLUE neutral wire to the neutral terminal 'N'.**
 - d) **After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.**



Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

- 1.1.10. Products which require more than 13amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.
- 1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable. If an extension reel is to be used outdoors, ensure it is marked for outdoor use.

1.2 GENERAL SAFETY

- ✓ Disconnect the polisher from the mains power before changing accessories, servicing or performing any maintenance.
- ✓ Replace damaged parts. *Use genuine parts only. Unapproved parts may be dangerous and will invalidate the warranty.*
- ✓ Wear approved safety goggles, ear defenders, appropriate dust mask if polisher generates dust and safety gloves.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain long hair.
- ✓ Use the polisher in a suitable work area, keep area clean, tidy and free from unrelated materials, and ensure adequate lighting.
- ✓ Maintain correct balance and footing. **DO NOT** over-reach and ensure the floor is not slippery. Wear non slip shoes.
- ✓ Polishing wheels must be securely attached before use, but not over tightened.
- ✓ Keep non essential persons away from the working area, use screens if necessary.
- x **DO NOT** operate the polisher if any parts are missing or if the polisher is damaged.
- x **DO NOT** use the polisher for a task it was not designed to perform.
- x **DO NOT** get the polisher wet or use in damp or wet locations.
- x **DO NOT** switch the polisher on whilst the wheel is in contact with the workpiece.
- x Avoid polishing dissimilar metals with the same buffing wheel; galvanic corrosion may occur.

- X **DO NOT** touch the workpiece immediately after polishing as it may be very hot.
- X **DO NOT** hold unsecured work in your bare hands, and **DO NOT** touch the buffing wheel whilst operating, or whilst plugged into the mains power.
- X **DO NOT** leave the polisher running unattended.
- X **DO NOT** operate the polisher when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ When not in use, switch the polisher off and remove the plug from the power supply.

2. INTRODUCTION

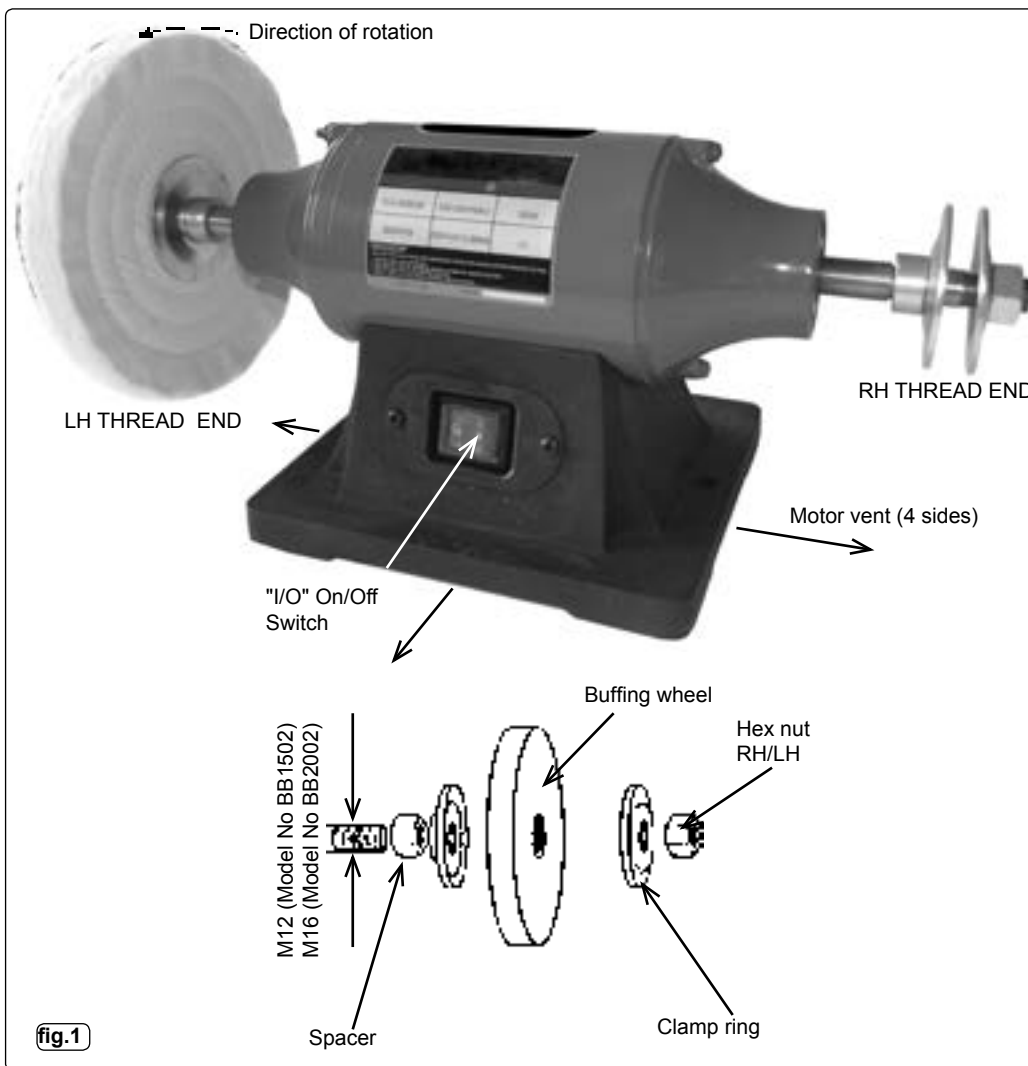
Designed for quick and easy smoothing/polishing of metal and other materials. Efficient 370W (Model BB1502) and 550W (Model BB2002) motors provide sufficient power for most tasks, while the cast iron base reduces vibration. Supplied with fine and course buffing/polishing wheels and fitted ASTA approved plug.

3. SPECIFICATION

Model No:.....**BB1502**
 Motor Power: 370W
 Supply: 230V
 Fuse rating: 5A
 Axle Diameter:13mm
 No Load Speed : 2850rpm
 Wheel diameter:..... 150mm
 Weight:9kg

Model No:.....**BB2002**
 Motor Power: 550W
 Supply: 230V
 Fuse rating: 13A
 Axle Diameter:16mm
 No Load Speed : 2850rpm
 Wheel diameter:.....200mm
 Weight:10kg

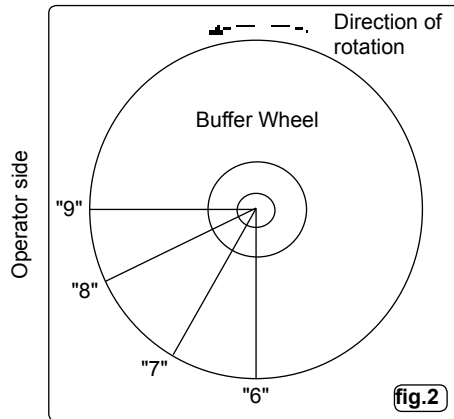
4. ASSEMBLY



- 4.1. **Installation**
 - 4.1.1. Bolt the polisher securely to a workbench using the base securing holes as a template. Check that all assembly nuts and bolts are secure before powering. **DO NOT** block the 4 motor ventilation paths through the base.
- 4.2. **Wheel fitting (fig.1)**
 - 4.2.1. Place the spacer over the axle shoulder.
 - 4.2.2. "Sandwich" the selected buffing wheel between the clamp rings and secure with the hexagon nut, hand tight. (The axle threaded ends are handed LH and RH)
 - 4.2.3. Tighten the nuts enough to grip without crushing the buffing wheel. Wheel rotation, in use, will tighten the hexagon nut.

5. OPERATION

- **WARNING!** Before commencing work, ensure you have read, understood, and apply the chapter 1. Safety Instructions
- 5.1. Plug the polisher into the mains power supply.
- 5.2. Switch the polisher on and bring the workpiece slowly into contact with the wheel. The safest and best position for contact with the wheel is between "7-0-clock" and the "8-0-clock" positions in fig.2. **DO NOT** contact the wheel outside the quadrant "6-0-clock" and "9-0-clock" positions.
- 5.3. When completed, unplug the polisher from the mains power supply, and clean the machine ready for next use.



6. MAINTENANCE

- **WARNING!** Ensure the polisher is unplugged from the mains power supply before performing any maintenance or service.
- 6.1. Regularly inspect the buffing wheel. Replace when worn, see fig.1 for details and thread handing.
- 6.2. Keep the polisher clean and dry. **DO NOT** use abrasives.
- 6.3. The machine motor and bearing are sealed units and require no regular maintenance. Should you require assistance, contact your local Sealey service agent.

Environmental Protection



Recycle unwanted materials instead of disposing of them as waste. All tools, accessories and packaging should be sorted, taken to a recycling centre and disposed of in a manner which is compatible with the environment. When the product becomes completely unserviceable and requires disposal, drain off any fluids (if applicable) into approved containers and dispose of the product and the fluids according to local regulations.



WEEE Regulations

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or telephone 01284 757500.

NOTE: It is our policy to continually improve products and as such we reserve the right to alter data, specifications and component parts without prior notice.

IMPORTANT: No liability is accepted for incorrect use of this product.

WARRANTY: Guarantee is 12 months from purchase date, proof of which will be required for any claim.

INFORMATION: For a copy of our latest catalogue and promotions call us on 01284 757525 and leave your full name and address, including postcode.



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