

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

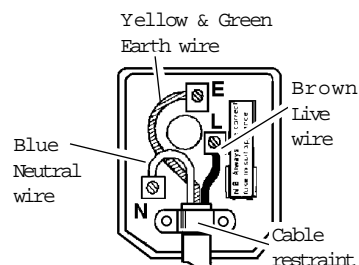
1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY.

WARNING! It is the user's responsibility to read, understand and comply with the following:

You must check all electrical equipment and appliances to ensure they are safe before using. You must inspect power supply leads, plugs and all electrical connections for wear and damage. You must ensure the risk of electric shock is minimised by the installation of appropriate safety devices. An RCCB (Residual Current Circuit Breaker) should be incorporated in the main distribution board. We also recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD with portable products that are plugged into an electrical supply not protected by an RCCB. If in 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 all portable electrical appliances, if used on business premises, to be 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 the appliance and the safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. Ensure the insulation on all cables and the product itself is safe before connecting to the mains power supply. See 1.1.1. & 1.1.2. above and use a Portable Appliance Tester (PAT).
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply, leads, plugs for wear and damage and all electrical connections to ensure that none is loose.
- 1.1.6. **Important:** Ensure the voltage marked on the product is the same as the electrical power supply to be used and check that plugs are fitted with the correct capacity fuse. A 13 amp plug may require a fuse smaller than 13 amps for certain products (*subject to 1.1.10. below*), see fuse rating at right.
- 1.1.7. DO NOT pull or carry the powered appliance by its power supply lead.
- 1.1.8. DO NOT pull power plugs from sockets by the power cable.
- 1.1.9. DO NOT use worn or damaged leads, plugs or connections. Immediately replace or have repaired by a qualified electrician. A U.K. 3 pin plug with ASTA/BS approval is fitted. In case of damage, cut off and fit a new plug according to the following instructions (discard old plug safely). (UK only - see diagram at right). **Ensure the unit is correctly earthed via a three-pin plug.**



FUSE RATING

THIS PRODUCT MUST BE FITTED
WITH A
13 AMP FUSE

- a) **Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.**
- b) **Connect the BROWN live wire to live terminal 'L'.**
- c) **Connect the BLUE neutral wire to the neutral terminal 'N'.**

After wiring, check there are no bare wires, that all wires have been correctly connected, that cable outer insulation extends beyond the cable restraint and that the restraint is tight.

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

- 1.1.10. **Cable extension reels.** When a cable extension reel is used it should be fully unwound before connection. A cable reel with an RCD fitted is recommended since any product which is plugged into the cable reel will be protected. The section of the cores of the cable is important. We suggest 1.5mm² section as a minimum but to be absolutely sure that the capacity of the cable reel is suitable for this product and for others that may be used in the other output sockets, we recommend the use of 2.5mm² section cable.

1.2 GENERAL SAFETY

- WARNING! Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.**
- Familiarise yourself with the application and limitations of the product, as well as the specific potential hazards peculiar to the sander/polisher.
- WARNING! Disconnect from the mains power and ensure the disc is at a complete standstill before changing accessories, servicing or performing any maintenance.**
- Maintain the sander/polisher in good condition (use an authorised service agent).
- Replace or repair damaged parts. *Use genuine parts only. unauthorised parts may be dangerous and will invalidate the warranty.*
- WARNING! Keep all guards and holding screws in place, tight and in good working order. Check regularly for damaged parts. A guard or any other part that is damaged must be repaired/replaced before the tool is next used.**
- Locate sander/polisher in a suitable working area, keep area clean and tidy and free from unrelated materials. Ensure there is adequate lighting.
- Keep the sander/polisher clean for best and safest performance.
- Before each use check abrasive attachments for condition. If worn or damaged replace immediately.
- Ensure there are no flammable or combustible materials near the work area.
- WARNING! Wear approved eye safety protection, ear defenders and, if dust is generated, respiratory protection.**

- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain and/or tie back long hair.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Secure non-stable workpiece with a clamp, vice or other adequate holding device.
- ✓ Remove adjusting keys and wrenches from the machine and its vicinity before turning it on.
- x **DO NOT** use equipment for any purpose other than that for which it is designed.
- x **DO NOT** operate the sander/polisher if any parts are damaged or missing as this may cause failure or possible personal injury.
- **WARNING! DO NOT** sand any materials containing asbestos.
- x **DO NOT** switch the sander/polisher on whilst the head is in contact with the workpiece and avoid unintentional starting.
- x **DO NOT** get the sander/polisher wet or use in damp or wet locations or areas where there is condensation.
- x **DO NOT** allow untrained persons to operate the sander/polisher.
- x **DO NOT** operate the sander/polisher when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** use the sander/polisher where there are flammable liquids, solids or gases such as paint solvents, etc.
- x **DO NOT** leave the sander/polisher operating unattended.
- x **DO NOT** carry the sander/polisher with your finger on the power switch.
- x **DO NOT** pull the cord to remove the plug from the power supply.
- ✓ Use a qualified person to lubricate and maintain the sander/polisher.
- ✓ When not in use unplug from the mains power supply and store in a safe, dry, childproof area.

2. INTRODUCTION

The MS800PS is a variable speed sander/polisher with digital rpm read-out. The powerful 1200Watt motor unit is surrounded by a tough composite housing coupled to an aluminium gear casing. Featuring a stop lock spindle device for simple pad/disc loading and unloading and supplied with side handle, Ø180mm backing pad and compounding head, the unit is able to operate between 1000rpm and 3000rpm, accommodating a range of sanding/polishing tasks.

3. TECHNICAL SPECIFICATIONS

Pad Size (mm)	180
Thread Size	M14
Motor	1200W/230V
No Load Speed (rpm)	1000-3000rpm
Weight (kg)	2.7



4. CONTENT & ASSEMBLY

4.1. Content

- 4.1.1. Check the contents of the carton. If any item is missing or damaged contact your supplier immediately.

4.2. Assembly

- **WARNING! Ensure unit is not plugged into mains before attempting any assembly.**

- 4.2.1. Screw side handle (fig. 1) into chosen hole. Note: there is a mounting hole on either side and the top of the unit, to suit the application and/or operator.

- 4.2.2. To attach a sanding disc (not included) (fig. 2):
Fit rubber backing pad (B) on shaft (C). Engage spindle locking mechanism and tighten pad fitting. Follow with velcro sanding disc (A) and press down firmly to affix. Reverse procedure for removal.

- 4.2.3. To fit an polishing bonnet (not included) e.g. lambswool or compounding head:
Fit rubber backing pad (B) on shaft (C). Engage spindle locking mechanism and tighten pad fitting. Follow with a velcro polishing bonnet or compounding head (fig. 3)(D) and press down firmly. Reverse procedure for removal.

fig. 2

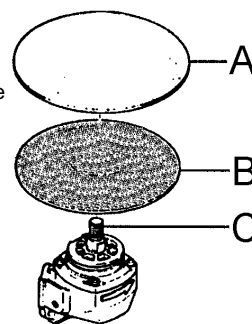
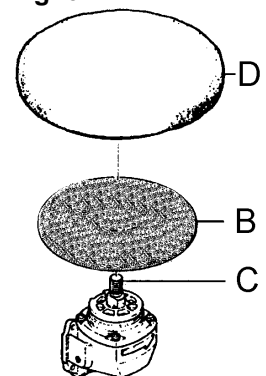


fig. 3



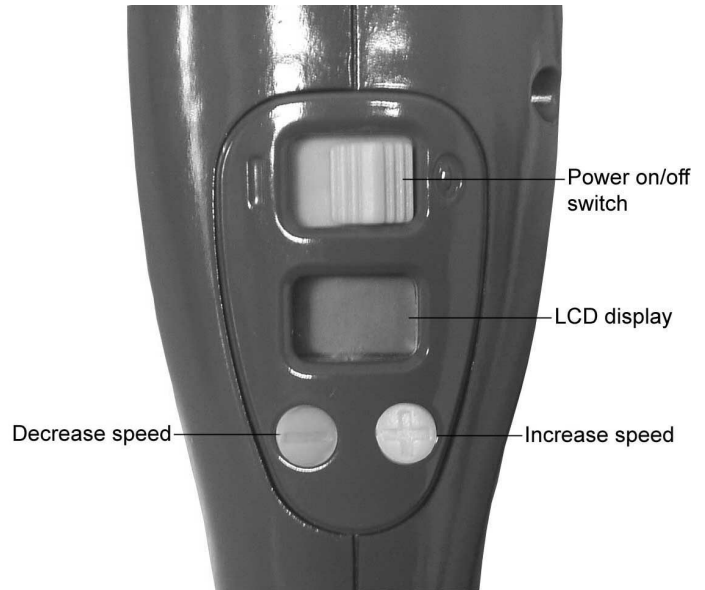
5. OPERATION

- **WARNING! Ensure you read, understand and apply the safety instructions in Section 1. Ensure the power on/off switch (fig 4) is NOT locked on before plugging into the mains.**
- 5.1. Hold the sander/polisher firmly with one hand on the butt grip and the other on the side handle. Activate the unit by selecting "1" with the power on/off switch. To select required speed, press the speed control "increase" & "decrease" buttons accordingly. RPM is displayed in units of 100, 1000RPM would show as 10 on the LCD display. i.e. 10=1000rpm - 30=3000rpm.
- 5.2. To stop the unit, switch the "power on/off" switch back to "0"

Note: As the rubber backing pad is flexible, when sanding it should not be used head on, but at an angle of approximately 10 to 20 degrees.

Contact your Sealey Dealer for details of replacement pads and sanding/polishing discs/heads.

fig 4



6. MAINTENANCE

- **WARNING! Before attempting any maintenance ensure the unit is unplugged from the mains power supply.**
- 6.1. Keep the machine clean and dry. Do not use abrasives to clean the unit. Ensure all external head screws are tight.
- 6.2. Clean regularly by blowing a jet of compressed air through side vents to ensure motor ventilation is kept clear.
- **WARNING! Wear approved safety eye protection and, if necessary, respiratory protection.**

Variable Speed Sander & Polisher Model MS800PS

73/23/EEC Low Voltage Directive

89/336/EEC EMC Directive

98/37/EC Machinery Directive

93/68/EEC CE Marking Directive

Declaration of Conformity We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives.



Signed by Mark Sweetman

12th June 2003

The construction file for this product is held by the Manufacturer and may be inspected by a national authority upon request to Jack Sealey Ltd.

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Tools.

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: Call 01284 757525 for our catalogue & promotions. Leave your full name, address & postcode.



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