



# INSTRUCTIONS FOR: POLISHER Ø180 1100W/230V LIGHTWEIGHT

MODEL NO: **ER1700P.V3**

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.**



Read the instructions



Wear ear protection



Wear eye protection



Wear protective gloves



Wear a mask

## 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.

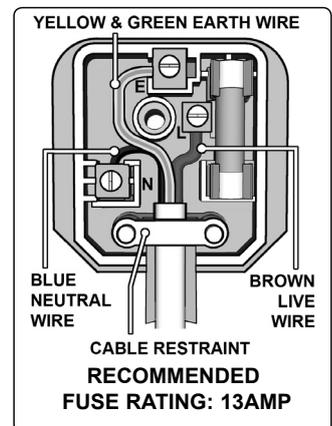
To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

- 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 1.5mm<sup>2</sup>, 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 2.5mm<sup>2</sup> section cable. If an extension reel is to be used outdoors, ensure it is marked for outdoor use.

**WARNING!** The warnings, cautions and instructions in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.

### 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 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 polisher in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. *Use genuine parts only. Non-authorized 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 polisher in a suitable working area, keep area clean and tidy and free from unrelated materials. Ensure there is adequate lighting.



- ✓ Keep the 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 tie back long hair.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Secure non-stable work piece with a clamp, vice or other adequate holding device.
- ✓ Remove adjusting keys and wrenches from the machine and its vicinity before turning it on.
- ✗ **DO NOT** use equipment for any purpose other than that for which it is designed.
- ✗ **DO NOT** operate the 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.
- ✗ **DO NOT** switch the polisher on whilst the head is in contact with the work piece and avoid unintentional starting.
- ✗ **DO NOT** get the polisher wet or use in damp or wet locations or areas where there is condensation.
- ✗ **DO NOT** allow untrained persons to operate the polisher.
- ✗ **DO NOT** operate the polisher when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** use the polisher where there are flammable liquids, solids or gases such as paint solvents, etc.
- ✗ **DO NOT** leave the polisher operating unattended.
- ✗ **DO NOT** carry the polisher with your finger on the power switch.
- ✗ **DO NOT** pull the cord to remove the plug from the power supply.
- ✓ Use a qualified person to lubricate and maintain the polisher.
- ✓ When not in use unplug from the mains power supply and store in a safe, dry, childproof area.

**LEAD PAINT WARNING!** Paint once contained lead as a traditional ingredient. Contact with the dust from the removal of such paint is toxic and must therefore be avoided. The following action must be taken before using machine as a sander:

1. User must determine potential hazard relating to age of paint to be removed. (Modern paints do not have lead content).
2. **DANGER!** Keep all persons and pets away from the working area. The following are particularly vulnerable to the effects of lead paint dust: Expectant women, babies and children.
3. We recommend personal protection by using the following safety items:  
A) Paint Spray Respirator (Sealey ref. SSP1699) B) PE Coated Hooded Coverall (Sealey ref. SSP266). C) Latex Gloves (Sealey ref. SSP24).
4. Take adequate measures to contain paint dust, flakes and scrapings. Wear safety equipment, as in (3) above and thoroughly clean all areas when task is complete.
5. Ensure the paint waste is disposed of in sealed bags or containers according to local regulations.

## 2. INTRODUCTION

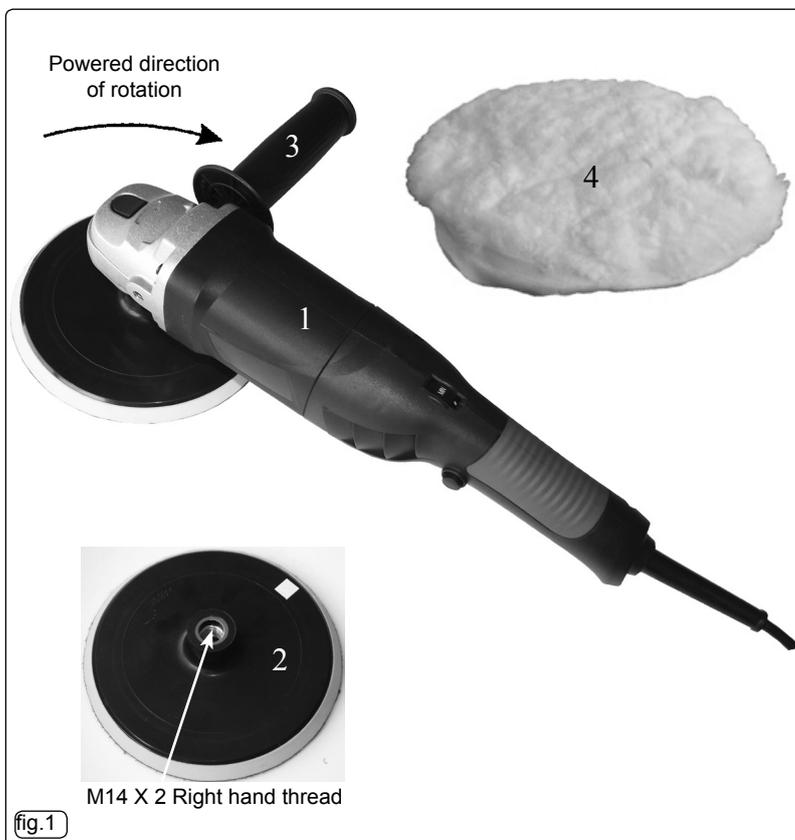
Powerful 1100W motor enclosed in a lightweight housing. Maintains high torque levels at low speeds, ideal for polishing. Variable speed control from 1000-3000rpm. Spindle lock for fast and easy pad/foam head changes. Supplied with side handle, backing pad and polishing bonnet.

## 3. SPECIFICATION

**Model:** ..... **ER1700P.V3**  
 Nominal Power Rating: ..... 1100Watts  
 Power Input: ..... 230V  
 No Load Speed: ..... 600-3000rpm  
 Pad Size: ..... 180mm  
 Noise Power: ..... 82dB(A)  
 Noise Pressure: ..... 71dB(A)  
 Spindle: ..... M14 X 2  
 Weight: ..... 2.4Kg

## 4. CONTENTS

Item	Description	Qty
1	Polariser Unit	1
2	Pad (hook and loop)	1
3	Side Handle	1
4	Polishing Bonnet (Lambs Wool)	1

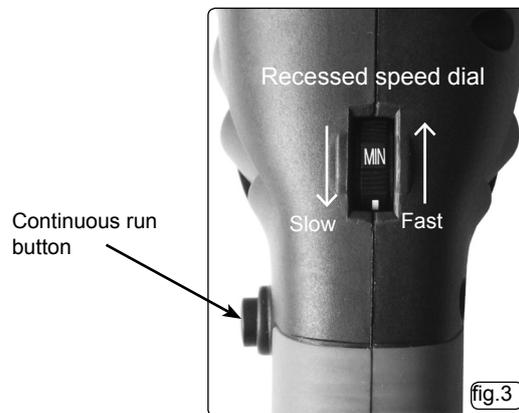
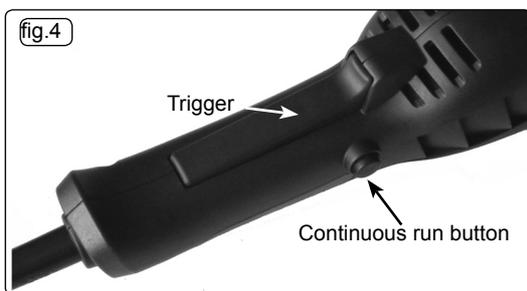
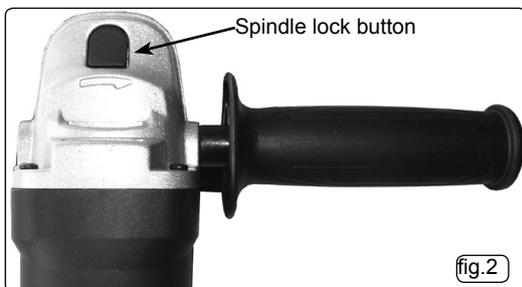


## 5. ASSEMBLY

- 5.1. ☐ **Warning!** Ensure that the polisher unit is not plugged into the mains before attempting any assembly or disassembly.
- 5.2.1. Screw on the side handle, either side (fig.1.).
- 5.2.2. To attach the hook and loop pad item 2, lock the spindle by pressing the lock button (fig.2), and screw the pad clockwise on to the spindle until it stops. Hand tight is sufficient; the pad will tighten further in use. To remove, lock the spindle by pressing the lock button (fig.2) and turn the pad anticlockwise.
- 5.2.3. Fit the polishing bonnet centrally over the secured hook and loop pad.

## 6. OPERATION

- **WARNING!** Before use, ensure that you have read and understood Section 1 Safety.
- 6.1. Attach the backing pad. (see section 5.2.2.)
- 6.2. Plug the polisher into the mains power supply.
- 6.3. With the polisher firmly held by the side handle and away from the workpiece, turn the polisher on by squeezing the trigger (fig.4). Pressing in the "run" button (fig.3 and fig.4) will hold the trigger and allow for continuous running. Finally release the trigger.
- 6.4. To stop the polisher, squeeze the trigger, the "run" button will spring out and the polisher will stop.
- 6.5. The speed of the polisher can be adjusted using the variable speed dial recessed in the top face (fig.3). Slide the dial forward to increase the speed or backward to reduce the speed (fig.3).
- 6.6. Check that the unit is working correctly before use.



## 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.



**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.



**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](http://www.sealey.co.uk), email [sales@sealey.co.uk](mailto: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.



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## **WARNING! – Risk of Hand Arm Vibration Injury.**

**This tool may cause Hand Arm Vibration Syndrome if its use is not managed adequately.**

This tool is subject to the vibration testing section of the Machinery Directive 2006/42/EC.

This tool is to be operated in accordance with these instructions.

**Measured vibration emission value (a): . . . . .3.36 m/s<sup>2</sup>**

**Uncertainty value (k):. . . . .1.50 m/s<sup>2</sup>**

*Please note that the application of the tool to a sole specialist task may produce a different average vibration emission. We recommend that a specific evaluation of the vibration emission is conducted prior to commencing with a specialist task.*

A health and safety assessment by the user (or employer) will need to be carried out to determine the suitable duration of use for each tool.

**NB:** Stated Vibration Emission values are type-test values and are intended to be typical.

Whilst in use, the actual value will vary considerably from and depend on many factors.

Such factors include; the operator, the task and the inserted tool or consumable.

**NB:** ensure that the length of leader hoses is sufficient to allow unrestricted use, as this also helps to reduce vibration.

*The state of maintenance of the tool itself is also an important factor, a poorly maintained tool will also increase the risk of Hand Arm Vibration Syndrome.*

### **Health surveillance.**

We recommend a programme of health surveillance to detect early symptoms of vibration injury so that management procedures can be modified accordingly.

### **Personal protective equipment.**

We are not aware of any personal protective equipment (PPE) that provides protection against vibration injury that may result from the uncontrolled use of this tool. We recommend a sufficient supply of clothing (including gloves) to enable the operator to remain warm and dry and maintain good blood circulation in fingers etc. Please note that the most effective protection is prevention, please refer to the Correct Use and Maintenance section in these instructions. Guidance relating to the management of hand arm vibration can be found on the HSC website [www.hse.gov.uk](http://www.hse.gov.uk) - Hand-Arm Vibration at Work.