

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

## Declaration of Conformity

**CE** We, the sole importer into the UK, declare that the product listed here is in conformity with the following EEC standards and directives. The construction file for this product is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd

150MM DUAL ACTION RANDOM ORBITAL  
SANDER Model: EDA150

73/23/EEC  
Low Voltage Directive (S.I. 1994/3260)  
89/336/EEC  
EMC Directive (S.I. 1992/2372 & Amendments)

Signed by John Sealey


1st February 1999

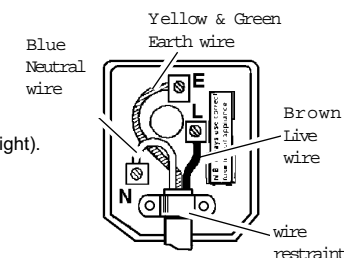
For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Tools.

**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 equipment. **WARRANTY:** Guarantee is 12 months from purchase date, proof of which will be required for any claim. **INFORMATION:** Call us for a copy of our latest catalogue on 01284 757525 and leave your full name, address including your postcode.

## 1. SAFETY INSTRUCTIONS

- 1.1. **ELECTRICAL SAFETY. ⚠ WARNING!** It is the user's responsibility to read, understand and comply as follows. **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 together with portable products that are plugged into an electrical supply not protected by an RCCB. If in doubt consult a professional 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 a business premises, to be tested by a qualified Electrician at least once a year by using a Portable Appliance Tester (PAT).
  - 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 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 and all electrical connections for wear and damage, especially power connections, to ensure that none are 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 13Amp plug may require a fuse smaller than 13Amps for certain products (subject to 1.1.10. below) see fuse rating below.
  - 1.1.7. DO NOT pull or carry the powered appliance by its power supply lead. Products such as welders must not be pulled or carried by their output cables.
  - 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.
    - 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 and that the wire restraint is tight. Double insulated products are often fitted with live (BROWN) and neutral (BLUE) wires only. Double insulated products are always marked with this symbol . Check you model carefully to see which type of product you have. To re-wire, a double insulated item, connect the brown and blue wires as indicated above. DO NOT connect 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 cable on the cable reel is important. We recommend that at least 1.5mm<sup>2</sup> section cable 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 2.5mm<sup>2</sup> section cable.



**FUSE RATING**  
THIS PRODUCT MUST BE  
FITTED WITH A:  
**5 Amp FUSE**

## 1.2. General Safety.

- p **WARNING!** Ensure health & safety, local authority, & general workshop practice regulations are adhered to when using this equipment.
- p **WARNING!** Disconnect from mains power before changing accessories, servicing or maintenance.
- 3 Maintain the sander in good condition (use an authorised service agent).
- 3 Replace or repair damaged parts. Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.
- 3 Use sander in an adequate working area for its function, keep area clean, tidy and free from unrelated materials. Ensure there is adequate lighting.
- 3 Before use check abrasive pad condition. If worn or damaged replace immediately.
- p **WARNING!** Always wear approved eye or face protection when operating the sander.
- 3 If dust is generated, use face, dust, or respiratory protection in accordance with COSHH regulations.
- 3 Depending on task, sander noise level may exceed 85dB in which case wear safety ear defenders.
- 3 Remove ill fitting clothing, ties, watches, rings, other loose jewellery, and contain and/ or tie back long hair.
- 3 Wear appropriate protective clothing and keep hands and body clear of the sanders working parts.
- 3 Maintain correct balance and footing. Ensure the floor is not slippery and wear non slip shoes.
- 3 Keep children and unauthorised persons away from the working area.
- 3 Check moving parts alignment on a regular basis.
- 3 Always use the sander with the side handle grip securely assembled.
- 3 Ensure the workpiece is correctly secured before operating the sander. Never hold workpiece by hand, and check the workpiece to ensure there are no protruding nails, screws, stones, etc.
- 3 Avoid unintentional starting.
- 7 DO NOT force the sander to achieve a task it was not designed to perform.
- 7 DO NOT operate sander if any parts are damaged or missing. This may cause failure or possible injury.
- p **WARNING!** DO NOT sand any materials containing asbestos.
- 7 DO NOT carry the sander by the electrical cable or air extraction hose.
- 7 DO NOT get the sander wet or use in damp or wet locations.
- 7 DO NOT use this model with water, this model is a dry sander only.
- 7 DO NOT place attachments close to your face and do not point at other persons or animals.
- 7 DO NOT operate sander if you are tired, under the influence of alcohol, drugs or intoxicating medication.
- 7 DO NOT use where near flammable liquids, solids or gases such as paint solvents, including waste wiping or cleaning rags etc.
- 7 DO NOT leave the sander operating whilst unattended.
- 7 DO NOT carry the sander with your finger on the power switch.
- 3 When not in use disconnect from mains power supply and store in a safe, dry, child proof area



### 1.3. 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 the sander on a surface that you suspect may have contained lead in the paint.

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 persons 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 (Our ref SSP16EN)
  - b/ PE Coated Hooded Coverall (Our ref SSP266).
  - c/ Latex Gloves (Our ref SSP24).
4. Take adequate measures to contain the paint dust, flakes, and scrapings.
5. Continue to wear safety equipment as in (3) above, and thoroughly clean all areas when task is complete. Ensure paint waste is disposed of in sealed bags or containers.

## 2. ASSEMBLY & TECHNICAL SPECIFICATIONS

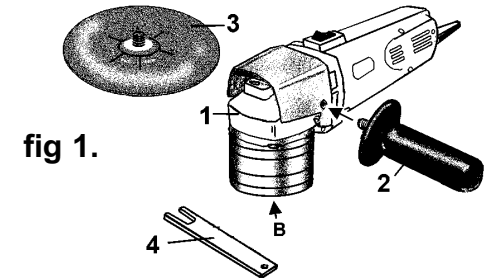
The EDA150 has an alloy bevel gear head with a composite motor housing. The machine has a slider power on/off control with power lock.

### 2.1. Assembly

p **WARNING!** DO NOT plug sander into the mains power supply before the machine is assembled.

Unpack the sander and check contents against figure 1 below. Should there be any damaged or missing parts contact your supplier immediately.

Screw the side handle grip (2) into the hole in the head shield. If you wish the grip to be placed in the right hand hole remove the hex bolt and screw the bolt into the opposite side of the head shield. Screw the sanding pad (3) into the under side of the rotating head (B). To remove the disc, hold the spindle nut with wrench (4).



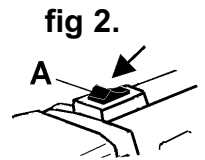
### 2.2. SPECIFICATIONS:

Power	.....360 Watts
Power Input	.....230V - 1.6A
No load speed	.....6500 rpm
Orbit size	.....8 mm
Weight	.....2.1 kg
Pad size	.....150 mm

## 3. OPERATING INSTRUCTIONS

p **WARNING!** before use, ensure you have read and apply chapter 1 safety instructions.

- 3.1. Attach correctly rated sanding disc to the self adhesive sanding pad.
- 3.2. Plug the sander into the mains power supply. Grip the side handle and turn on by pushing switch (fig 2.A) down and forward. Let go of the switch and the unit will be locked on. To turn off, depress the switch and pull it back.



Check that the unit is working correctly before use.

**Note:** The sander is designed for dry use only. DO NOT use with water or any other liquids.

## 4. MAINTENANCE

p **WARNING!** Disconnect sander from mains power supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.

- 4.1. Clean the underside of the sanding head after use. Use an air line to blow dust out from around the motor by passing the air through the ventilation holes.
- 4.2. Change pads when required.
- 4.3. Check brushes after every 200 hours of use. When brushes are 5mm low, change them.
- 4.4. All other service and maintenance must be carried out by an authorised service agent.
- 4.5. When not in use store in a safe, dry, childproof location.