

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 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 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 and plugs for wear and damage and all electrical 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 13 amp plug may require a fuse smaller than 13 amps for certain products, see fuse rating below.

1.1.7. **DO NOT** pull or carry the appliance by the 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.

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 that there are no bare cores, that all wires have been correctly connected, that the cable external 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 Check your model carefully to see which type of product you have. To rewire 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 cores of the cable is important and should be at least 1.5mm<sup>2</sup>, 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.

1.2. **General Safety**

**WARNING!** Ensure Health & Safety, local authority, and general work shop practice regulations are adhered to when using this equipment.

**WARNING!** Disconnect from mains power before changing accessories or servicing.

✓ Maintain the sander 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.

- ✓ Use sander in a suitable work area. Keep area clean, tidy and free from unrelated materials. Ensure that there is adequate lighting.
- ✓ Before use, check abrasive pad condition. If worn or damaged replace immediately.
- WARNING!** Always wear approved eye or face protection when operating the sander.
- ✓ If dust is generated, use face, dust, or respiratory protection in accordance with COSHH regulations.
- ✓ Depending on use, sander noise level may exceed 85dB - in which case wear safety ear defenders.
- ✓ Remove ill fitting clothing, ties, watches, rings, other loose jewellery and contain and/or tie back long hair.
- ✓ Wear appropriate protective clothing and keep hands and body clear of moving parts.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ Always use the sander with the side handle securely screwed in.
- ✓ 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, rivets, etc.
- ✓ Avoid unintentional starting.
- X DO NOT** use the sander for a task it is not designed to perform.
- X DO NOT** operate sander if any parts are damaged or missing. This may cause failure and/or injury.
- WARNING! DO NOT** sand any materials containing asbestos.
- X DO NOT** carry the sander by the electrical cable.
- X DO NOT** use sander with water, get the sander wet or use in damp or wet locations, the sander is for dry use only.
- X DO NOT** operate sander if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- X DO NOT** use where there are flammable liquids, solids or gases such as paint solvents or waste wiping or cleaning rags.
- X DO NOT** leave the sander running unattended.
- X DO NOT** carry the sander with your finger on the power switch.
- ✓ When not in use disconnect from power supply and store in a safe, dry, childproof area.

### Risk of Hand Arm Vibration Injury.

The DAS151 Random Orbital Variable Speed Sander, when operated in accordance with these instructions and tested in accordance with BS EN 28662-1:1993, ISO 8662-1:1988 and BS EN ISO 8662-4:1995, ISO 8662-4:1994 results in the following vibration emission declared in accordance with BS EN12096:1996.

**Measured vibration emission value:** 4.46m/s<sup>2</sup>      **Uncertainty:** 1.78m/s<sup>2</sup>

These values are suitable for comparison with emission levels of other tools that have been subject to the same test.

**This tool may cause hand-arm vibration syndrome if its use is inadequately managed.**

This is a 'NO LOAD' vibration figure.

A competent person should carry out a risk assessment following HSE guidelines. Measurement results can be highly variable, depending on many factors, including the operator's technique, the condition of the work equipment, the material being processed and the measurement method.

**Recommended Measures to reduce risk of hand-arm vibration syndrome:** We recommend appropriate safety equipment is utilised and regular breaks for the operator are employed to reduce any residual risk of fatigue or repetitive strain injury.

### LEAD PAINT WARNING!

Paint once contained lead as a traditional ingredient. The dust from the removal of such paint is toxic if inhaled or ingested 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 contain lead).
2. **DANGER!** Keep all persons and pets away from the work 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 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 that paint waste is disposed of, in sealed bags or containers, according to local authority regulations.





fig.1

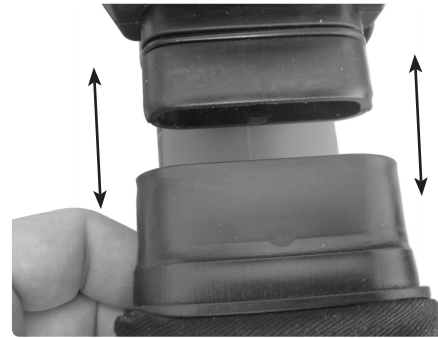


fig.4

## 2. INTRODUCTION & SPECIFICATIONS

Features variable speed control ranging from 4000 to 7000rpm. Rotating dust extraction port. Alloy bevel gear head with composite motor housing. Supplied with Ø150mm hook-and-loop backing pad and side handle.

### 2.2. Specification: DAS151

Power . . . . . 750W  
 No load speed . . . . . 4000 - 7000rpm  
 Orbit size . . . . . 3.5mm  
 Pad . . . . . Ø150mm  
 Weight . . . . . 2.9 kg  
 Vibration . . . . . 4.46m/s<sup>2</sup>  
 Sound power level . . . . . 94.8dB

## 3. OPERATING INSTRUCTIONS

- ❑ **WARNING!** Before use, ensure that you have read and understood Section 1 Safety Instructions.
  - 3.1. Attach the correctly rated sanding disc (not supplied) to the sanding pad.
  - 3.2. Plug the sander into the mains power supply.
  - 3.3. Grip the side handle and turn on by pressing the trigger (fig 2.1). Pressing in the button (fig 2.2) will hold the trigger and allow for continuous running.
  - 3.4. To release the switch and stop the sander, depress the trigger - it will spring to the Off position.
  - 3.5. The speed of the sander can be adjusted using the variable speed dial within the trigger, turn the dial clockwise to increase the speed or anti-clockwise to reduce the speed (fig.3).
  - 3.6. Check that the unit is working correctly before use.
  - 3.7. The dust collection bag will need to be emptied on a regular basis. Disconnect from the power supply and hold the sander in a vertical position, gently pull off the dust bag (fig.4) and empty in to a suitable container. Refit the dust bag onto the sander, ensuring that it is pushed fully home to create a good seal.
- Note:** The sander is designed for dry use only. **DO NOT** use with water or any other liquids.

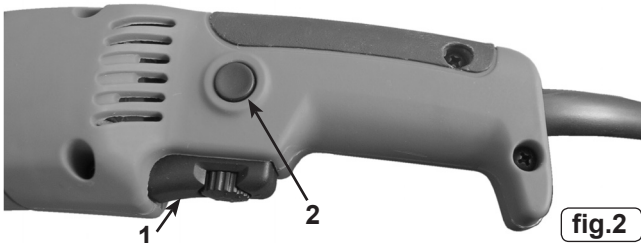


fig.2



fig.3

## 4. MAINTENANCE

- ❑ **WARNING!** Disconnect sander from power supply before changing accessories, servicing or performing maintenance. Replace or repair any damaged parts. Use genuine parts only, unauthorised parts may be dangerous and will invalidate the warranty.
- 4.1. After each 50 hours use (or as required), remove dust by blowing air through the side vents and around the pad bearing. Regular periodic cleaning will prolong the life of the sander.
- 4.2. Change pads when required. Ensure pad and disc RPM ratings are equal to, or exceed the machine rating. If the disc becomes unbalanced, it will cause the bearings to wear. To change the backing pad remove the four screws and washers (A) shown in fig.5, replace the pad and secure.
- 4.3. When not in use store in a safe, dry, childproof location.
- 4.4. All other service and maintenance must be carried out by an authorised Sealey dealer.

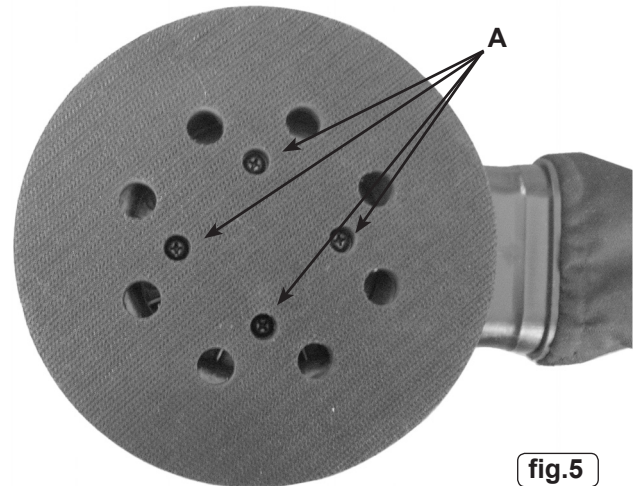


fig.5

**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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