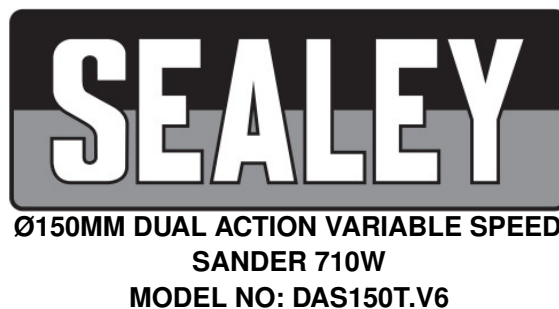




SEALEY DAS150T Random Orbital Dual Action Sander Instruction Manual

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DAS150T Random Orbital Dual Action Sander

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 to
instructions



Wear eye
protection



Wear protective
gloves



Wear safety
footwear



Wear protective
clothing



Wear ear
protection



Wear a mask

SAFETY

1.1. ELECTRICAL SAFETY

⚠ **WARNING!** It is the user's responsibility to check the following:

Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products.

If the used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.

Electrical safety information, it is important that the following information is read and understood.

- ✓ Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- ✓ Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- ✓ Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse – see fuse rating in these instructions.
- ✗ DO NOT pull or carry the appliance by the power cable.
- ✗ DO NOT pull the plug from the socket by the cable. Remove the plug from the socket by maintaining a firm grip on the plug.
- ✗ DO NOT use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or replaced immediately by a qualified electrician.

This product is fitted with a BS1363/A 3 pin plug.

If the cable or plug is damaged during use, switch off the electricity supply and remove from use.

Replace a damaged plug with a BS1363/A 3 pin plug. If in doubt contact a qualified electrician.

Class II products are wired with live (brown) and neutral (blue) only are marked with the Class II symbol;



A) Connect the BROWN live wire to the live terminal 'L'.

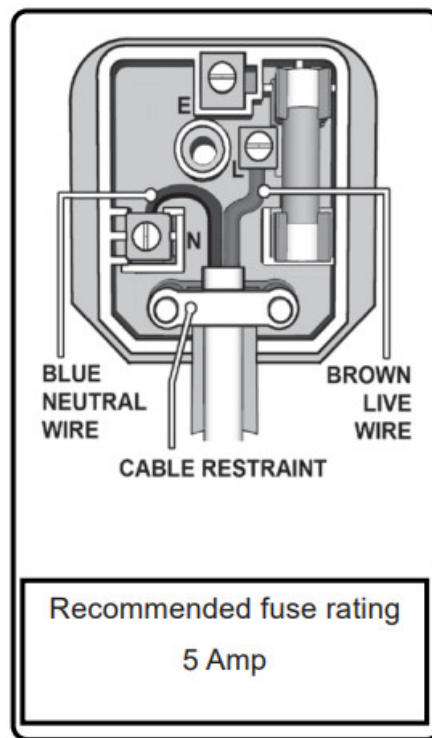
B) Connect the BLUE neutral wire to the neutral terminal 'N'.

C) After wiring, check that there are no bare wires and ensure that all wires have been correctly connected.

Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.

DO NOT connect either wire to the earth terminal.

Sealey recommend that repairs are carried out by a qualified electrician.



1.2. GENERAL SAFETY

- ❑ **WARNING!** Ensure Health & Safety, local authority, and general workshop 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 the 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, ear, hand protection when operating the sander. Always wear a mask.
- ✓ Wear respiratory protection in accordance with COSHH regulations.
- ✓ 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.
- ✗ DO NOT use the sander for a task it is not designed to perform.
- ✗ DO NOT operate the sander if any parts are damaged or missing. This may cause failure and/or injury.
- ❑ **WARNING!** DO NOT sand any materials containing asbestos.
- ✗ DO NOT carry the sander by the electrical cable.
- ✗ DO NOT connect to a standard vacuum cleaner to extract dust as damage to the cleaner may result.
- ✗ DO NOT get the sander wet or use in damp or wet locations.
- ✗ DO NOT use the sander with water, the sander is for dry use only.
- ✗ DO NOT operate the sander if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ DO NOT use where there are flammable liquids, solids or gases such as paint solvents or waste wiping or cleaning rags.
- ✗ DO NOT leave the sander running unattended.
- ✗ DO NOT carry the sander with your finger on the power switch.

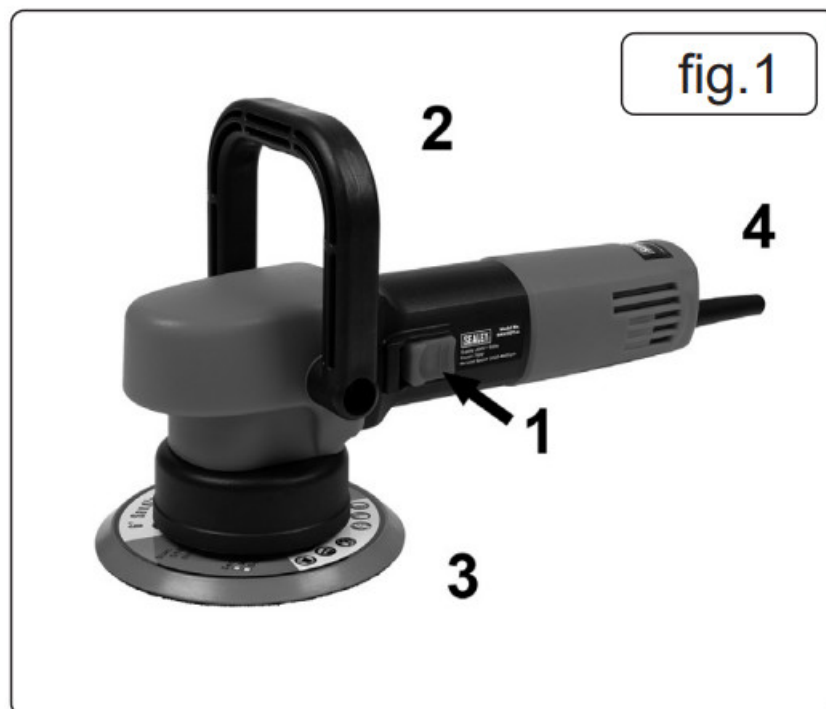
✓ When not in use disconnect from the power supply and store in a safe, dry, childproof area.

INTRODUCTION

Patented eccentric assembly with sealed double bearings give Ø9mm orbital diameter. Variable speed control from 2000-4600rpm. Fitted with 2m mains cable and 3-pin plug. Alloy bevel gear head with smooth composite motor housing for added comfort. Side mounted slider type power control with power lock. Supplied with Ø150mm hook-and-loop pad and handle.

SPECIFICATION

Model No	DAS150T.V6
Pad Size	Ø150mm
Thread size	5/16"UNF
Motor Power.....	710W
Supply	230V
No load speed	2000-4600rpm
Noise Power/Pressure	80/69dB(A)
Orbit Size	Ø9mm
Optional accessories	PTC/150SA – Optional Pad
Replacement parts	PTC/150VA – Replacement Pad
Thread size	5/16"UNF
Vibration/uncertainty	5.896/1.5m/s ²



ASSEMBLY

❑ **WARNING! DO NOT** plug sander into the mains power supply before it is fully assembled.

Unpack the sander and check contents. The contents should include a spanner, side handle and backing pad, should there be any damaged or missing parts contact your supplier immediately. Screw handle (fig.1.2) into the hole (right or left side, as required) in the head. Screw the sanding pad onto the spindle (fig.1.3). To remove pad, hold spindle with the spanner supplied whilst unscrewing the pad.

OPERATION

□ **WARNING!** Before use, ensure that you have read and understood Section 1 Safety Instructions.

5.1. Attach the correctly rated sanding disc (not supplied) to the sanding pad.

5.2. Plug the sander into the mains power supply.

5.3. Ensure that the speed scroll switch is set to the lowest setting before starting the sander (fig.1.4). Grip the handle and turn on by pushing switch (fig.1.1) forward and then pressing the front of it down until a click is heard. Let go of the switch and the machine will continue running. Increase the speed of the sander using the variable switch located at the rear of the sander (fig.1.4).

5.4. To release the switch, and stop the sander, press down on the rear section of the switch (fig.1.1) – it will spring to the Off position.

5.5. Ensure that the above features are working correctly prior to use.

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

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.

6.1. After each 50 hours use (or as required), remove dust by blowing air through the side vents and around the pad bearing. Periodic cleaning will prolong machine life.

6.2. 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.

6.3. When not in use store in a safe, dry, childproof location.

6.4. All other service and maintenance must be carried out by an authorised service agent i.e. check brushes every 200 hours of use.

□ **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): 21.15m/s²

Uncertainty value(k): 8.46m/s²

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 – Hand-Arm Vibration at Work.

□ **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.



ENVIRONMENT 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 any fluids (if applicable) into approved containers and dispose of the product and 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.

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. Please note that other versions of this product are available. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

Important: No Liability is accepted for incorrect use of this product.

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

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DAS150T, DAS150T Random Orbital Dual Action Sander, Random Orbital Dual Action Sander,
Orbital Dual Action Sander, Dual Action Sander, Action Sander, Sander

References

-  [HSE: Information about health and safety at work](#)
-  [Sealey - Leading Professional Tool & Workshop Equipment Supplier](#)
- [User Manual](#)