



DISC SANDER 305MM

MODEL NO: **SM31.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.



Refer to instructions



Wear eye protection



Wear protective gloves



Wear ear protection



Wear a mask



Indoor use only

1. 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. You may obtain an RCD by contacting your local Sealey stockist.

If the product is 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.

Important: 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.
- * **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or is replaced immediately by a qualified electrician.

This product is fitted with a BS1363/A 13 Amp 3 pin plug.

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

Ensure that repairs are carried out by a qualified electrician.

Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.

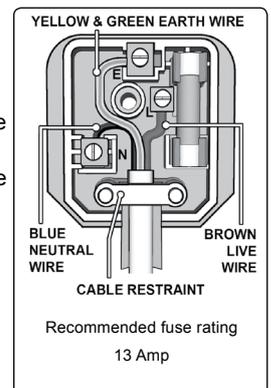
- a) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
- b) Connect the BROWN live wire to the live terminal 'L'.
- c) Connect the BLUE neutral wire to the neutral terminal 'N'.

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

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

1.2 GENERAL SAFETY

- ✓ Familiarise yourself with the product's application and limitations, as well as the specific potential hazards peculiar to the machine.
- WARNING!** Ensure all Health and Safety, local authority, and general workshop practice regulations are strictly adhered to.
- WARNING!** Disconnect from the mains power supply before changing accessories, servicing or performing any maintenance.
- WARNING! DO NOT** sand any materials containing asbestos.
- WARNING!** Wear approved safety eye / face protection. If dust is generated respiratory protection must be worn.
- ✓ Maintain the sander and keep in good condition (use an authorised service agent).
- ✓ Check the alignment of moving parts regularly, for safest performance keep the sander clean at all times.
- ✓ Use the correct type and size of sanding disc for this sander.
- ✓ Before each use check sanding disc for condition. If worn or damaged replace immediately.
- ✓ Replace or repair damaged parts. Use genuine parts only. Non-authorized parts are dangerous and will invalidate the warranty.
- ✓ Locate the sander in a suitable area, keep area clean, uncluttered and ensure there is adequate lighting.
- ✓ The sander is for indoor use only. **DO NOT** get the sander wet or use in a damp location.
- ✓ Ensure the sander is situated on a solid work surface, adequate for supporting the weight of both the sander and the workpiece.
- ✓ Ensure there are no flammable or combustible materials near the work area.
- ✓ Remove ill fitting clothing, ties and loose jewellery, and tie back long hair.
- ✓ Maintain correct balance and footing, ensure the floor is not slippery and wear non-slip rubber soled footwear.
- ✓ Keep hands and body clear of the worktable when operating the sander.
- ✓ Ensure there are no nails, screws etc. protruding from the surface to be sanded.
- * **DO NOT** operate the sander when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- * **DO NOT** leave the sander running unattended.
- ✓ Hold workpiece firmly, avoiding hand positions where a slip may cause your hand to come into contact with the sanding disc.
- * **DO NOT** modify or change the sander motor for one with a different rating.
- * **DO NOT** turn the sander on until work table is clear of all objects, wood scraps etc.



- ✗ **DO NOT** touch the sanding disc whilst operating, or whilst sander is plugged into the mains power.
- ✗ **DO NOT** switch the sander on while the workpiece is in contact with the sanding disc.
- ✗ **DO NOT** operate the sander if any parts are damaged or missing as this may cause failure or possible personal injury.
- ✗ **DO NOT** allow children or untrained persons to operate the sander. Keep them away from the work area.
- ✗ **DO NOT** use the sander for any purpose other than wood finishing.
- ✓ When not in use, unplug from the mains power supply and store in a childproof location.

2. INTRODUCTION

Bench mounting semi-portable disc sander suitable for general woodworking applications. Powerful induction motor with smooth direct drive. Balanced aluminium sanding disc suitable for adhesive backed discs. Includes no-volt load release switch for extra safety. Sanding disc table tilts to 45° and is supplied with mitre gauge for accurate angle sanding.

3. SPECIFICATION

Model no.....	SM31.V3
Disc Diameter	Ø305mm
Disc Speed.....	1450rpm
Table.....	156 x 438mm
Table Tilt.....	45°
Dust Extraction Port.....	Ø52mm
Motor.....	750W - 230V
Weight.....	25.6kg

4. ASSEMBLY

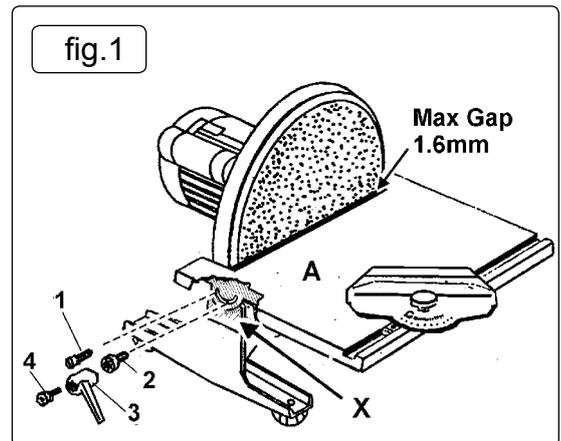
- 4.1. Unpack the sander and check contents against the list below. If there are any damaged or missing parts contact your supplier immediately.
Contents: • Sander Assembly • Table • Mitre Gauge • Hex. Key
- 4.2. Remove various screws (fig.1 parts 1-4) from the sander assembly, fit table (A) in position and retain by replacing screws. The table should always have at least 1.6mm clearance from the sanding disc, adjustment can be made by loosening the six cross head bolts in the face of the table top.
- 4.3. If a dust extraction system is available, connect it to the extraction port (diameter 52mm).
- 4.4. The mitre gauge, when required, locates in the table groove.
 WARNING! Before use, the machine must be positioned on a stable, fireproof bench or table which is strong enough to take the weight of the machine and the workpiece. The sander is supplied with rubber feet, alternatively it can be bolted to a work surface. Failure to comply with this instruction could result in severe personal injury.

5. OPERATION

- 5.1. Ensure that you have read, understand and apply the safety instructions in Section 1.
 WARNING! Before each use rotate the sanding disc by hand to check it is undamaged and secure. Remove adjusting keys and wrenches before turning the machine on.
- 5.2. **TABLE ADJUSTMENT**
 - 5.2.1. The table is adjustable through 45° by slackening the two locking lever handles (fig.1.3.) - both right hand thread, adjusting the table to the required angle and then fully tightening both handles.
- 5.3. **MITRE GAUGE ADJUSTMENT**
 - 5.3.1. The gauge is adjustable through ±45° by slackening the thumb screw, adjusting to required angle and tightening the thumb screw.
- 5.4. **OPERATING THE SANDER**
 - 5.4.1. Feed workpiece carefully into the sanding disc, work methodically and **DO NOT** force the sander to remove material faster than it was designed for. Hold workpiece with both hands and ensure that they are not in a position where they could slip up against the sanding disc.
 - 5.4.2. Ensure large workpieces are supported at table height.
 - 5.4.3. Turn sander off and make sure sanding disc is stationary before clearing scrap pieces from the table.

6. MAINTENANCE

- 6.1. The sander is maintenance free and only requires cleaning using a vacuum cleaner and brush.
- 6.2. Occasionally check sander over for loose fittings and to ensure sanding disc is secure.





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.

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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