



INSTRUCTIONS FOR

## OSCILLATING MULTI-TOOL 180W/230V

MODEL NO: **SMT180.V2**

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  
instruction  
manual



Wear ear  
protection



Wear eye  
protection

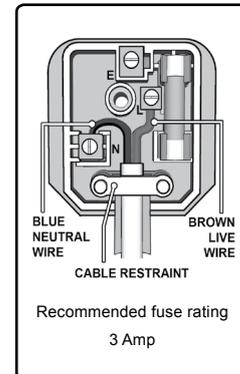


Wear  
respiratory  
protection

### 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 dealer.  
If the tool 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.
- 1.1.1. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.
- 1.1.2. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.
- 1.1.3. **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. 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.
- 1.1.4. This product is fitted with a BS1363/A 13 Amp 3 pin plug.  
If the cable or plug is damaged during use, switch the electricity supply and remove from use.  
Replace a damaged plug with a BS1363/A 13 Amp 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

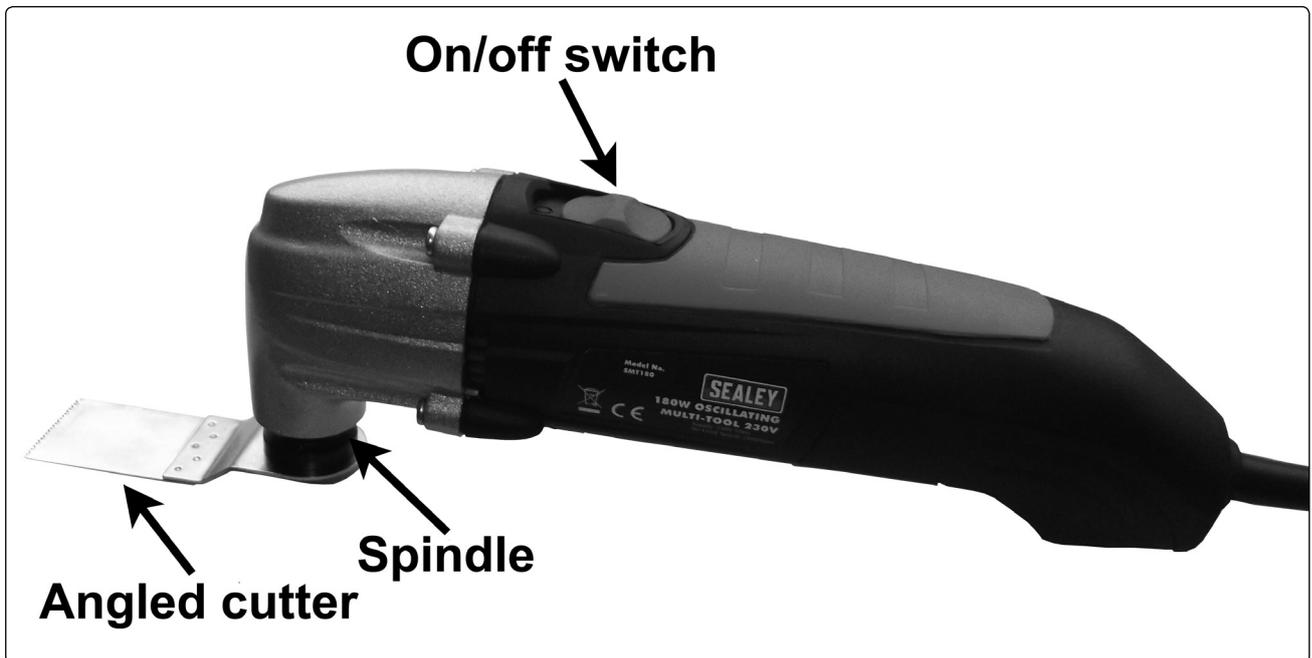
- ✓ Only power the tool from the mains supply.
- ✓ Disconnect the tool from the mains supply before changing accessories, servicing or performing any maintenance.
- ✓ Maintain tool and accessories in good condition. Check moving parts and alignment. If necessary use an authorised service agent.
- ✓ Replace or repair damaged parts using recommended parts. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Wear approved safety goggles and a dust mask if generating dust.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings and other loose jewellery and contain long hair.
- ✓ Use the tool in a suitable work area. Keep area clean and tidy and free from unrelated materials and ensure that there is adequate lighting.
- ✓ Prevent body contact with earthed surfaces to avoid electric shock e.g. pipes, radiators, refrigerators etc.
- ✓ Maintain correct balance and footing.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ Secure unstable workpiece with a clamp, vice or other adequate holding device.
- ✓ Avoid unintentional starting.
- ✓ Keep the tool clean for best and safest performance.
- ✓ When not in use switch tool off and unplug it from the mains supply. Store it in the case and put in a dry, childproof area.
- × **DO NOT** over-reach. Ensure the floor is not slippery and wear non-slip shoes.
- × **DO NOT** use the tool for a task it is not designed to perform.
- × **DO NOT** operate tool where there are flammable liquids or gases.
- × **DO NOT** get the tool wet or use in damp or wet locations.
- × **DO NOT** carry the tool by the cable.
- × **DO NOT** hold unsecured work in your hand.
- × **DO NOT** leave the tool running unattended.
- × **DO NOT** operate the tool if any parts are missing or damaged as this may cause failure and/or personal injury.
- × **DO NOT** operate the tool when you are tired or under the influence of alcohol, drugs or intoxicating medication.

## 2. INTRODUCTION

One tool suitable for multiple tasks such as sanding, scraping and cutting various materials. Single speed with 180W motor and sealed bearings. Includes sanding discs, backing pad, offset cutting blade and offset scraper all supplied in a convenient storage case. Full range of additional accessories available.

## 3. SPECIFICATION

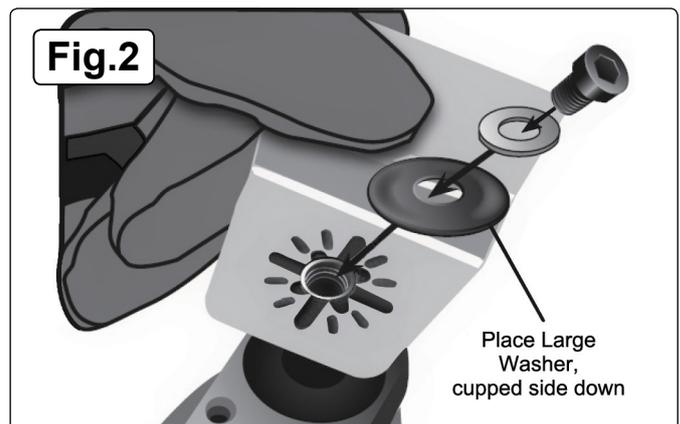
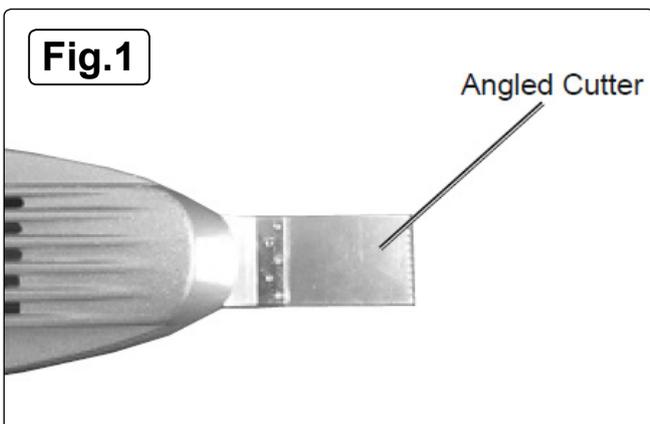
Model No:.....	SMT180.V2
Motor Power:.....	180W
Supply:.....	230V
No Load Speed:.....	23000rpm
Noise Power:.....	92dBA
Noise Pressure:.....	81dBA
Vibration:.....	3.26m/s <sup>2</sup>
Uncertainty:.....	1.5m/s <sup>2</sup>
Weight:.....	1.2kg
Accessories:.....	1 x Offset Cutting Blade, .....1 x Offset Scraper, .....4 x Sanding Discs, .....1 x Triangle Backing Pad.



## 4. OPERATION

### 4.1. TOOL SET UP

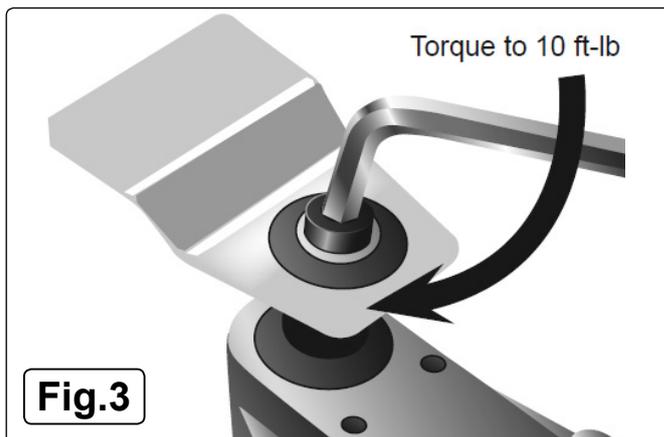
- ❑ **WARNING! To prevent injury from accidental operation turn the power switch of the tool off and unplug the tool from its electrical outlet before adjusting the tool or adding accessories.**
- 4.1.1. Turn the power switch off and unplug the tool.
- 4.1.2. Place the attachment over the spindle, shoulder facing away from the tool. Line up the holes on the attachment with the pins on the spindle shoulder.  
**Note:** The Angled Cutter Blade should only be used in the straight ahead position and not an angled position, see fig.1.
- 4.1.3. Slide the small washer, then the large washer onto the cap screw. Make sure the cupped side of the large washer is toward the tool. While holding the attachment over the pins on the tool, thread the cap screw in place, see fig.2.



- 4.1.4. Tighten the cap screw onto the spindle using the provided hex key, torque to approximately 10 ft-lb.
- 4.1.5. After securing, the attachment should not move on the spindle. If it can move with the power off, remount it, making sure that the holes on the attachment line up with the pins on the spindle. Tighten the cap screw securely.
- 4.2. **WORK AREA SET UP**
- 4.2.1. Choose a work area that is clean and well-lit. The work area must not allow access by children or pets, to prevent distraction and injury.
- 4.2.2. Route the mains cable along a safe route to reach the work area without creating a tripping hazard or exposing the mains cable to possible damage. The mains cable must reach the work area with enough extra length to allow free movement while working.
- 4.3. **OPERATION See also MAINTENANCE sections 5.1.1. & 5.1.2. below**
- 4.3.1. Pull the On/Off switch back to its off position. Then plug the mains cable in.
- 4.3.2. To turn on the tool, slide the On/Off switch forward. **DO NOT** allow contact between the angled cutter, scraper or other accessory and workpiece until the tool is running at full speed.
- 4.3.3. Avoid contact with foreign objects such as metal screws and nails when sanding, scraping, or cutting.
- 4.3.4. **DO NOT** apply excessive pressure on the tool. Allow the tool to do the work.
- 4.3.4. When finished, turn off the tool and allow it to completely stop before setting it down. Then unplug the tool from its electrical outlet.
- 4.3.5. Prior to storing the tool, remove the attachment and wipe it clean. Store the tool in a clean, dry, safe location out of reach of children and other unauthorized persons.

## 5. MAINTENANCE

- ☐ **WARNING! To prevent injury from accidental operation, turn the On/Off switch of the tool off and unplug the tool from its electrical outlet before performing any inspection, maintenance or cleaning procedures.**
- ☐ **WARNING! To prevent serious injury from tool failure, DO NOT use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.**
- 5.1.1. Before each use, inspect the general condition of the tool. Check for loose screws, misalignment or binding of moving parts, cracked or broken parts, damaged electrical wiring, and any other condition that may affect its safe operation.
- 5.1.2. Inspect accessories, sanding sheets should not be dull or contain excessive debris build up. The angle scraper and cutting blade should be clean and sharp.
- 5.1.3. After use clean external surfaces with a clean cloth.
- 5.1.4. If the tool has decreased performance, have the unit serviced and the carbon brushes replaced by a qualified service technician.



### 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.

**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): . . . . . 3.26m/s<sup>2</sup>**

**Uncertainty value (k): . . . . . 1.5m/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.