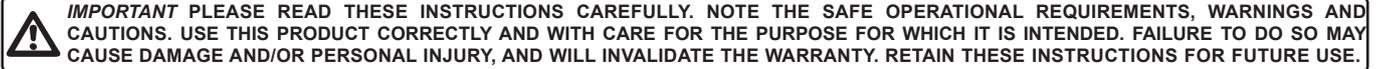




INSTRUCTIONS FOR: MULTI-PURPOSE ROTARY TOOL MODEL No: **E5188.V4**

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 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. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

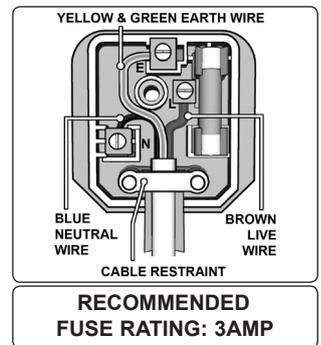
1. SAFETY INSTRUCTIONS

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 any 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 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 at right.
- 1.1.7. **DO NOT** pull or carry the tool by its 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 UK 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'.**
- d) **After wiring, check there are no bare wires, that all wires have been correctly connected, that cable outer insulation extends beyond the cable restraint and that the 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 . **To re-wire, connect the brown & blue wires as indicated above. DO NOT connect the brown or blue to the earth terminal.**

- 1.1.10. Some products require more than a 13 amp electrical supply. In such a case, **NO** plug will be fitted. **You must** contact a qualified electrician to ensure a 30 amp fused supply is available. We recommend you discuss the installation of a industrial round pin plug and socket with your electrician.
- 1.1.11. **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. We suggest 1.5mm² section as a minimum 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 2.5mm² section cable.

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 eye protection with side shields 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.
- x **DO NOT** over-reach. Ensure the floor is not slippery and wear non-slip shoes.
- x **DO NOT** use the tool for a task it is not designed to perform.
- x **DO NOT** operate tool where there are flammable liquids or gases.
- x **DO NOT** get the tool wet or use in damp or wet locations.
- x **DO NOT** carry the tool by the cable.
- x **DO NOT** hold unsecured work in your hand.
- x **DO NOT** leave the tool running unattended.
- x **DO NOT** operate the tool if any parts are missing or damaged as this may cause failure and/or personal injury.
- x **DO NOT** operate the tool when you are tired or under the influence of alcohol, drugs or intoxicating medication.

2. SPECIFICATION

Supply:..... 230V, 170W
 Speed Range:..... 8000 to 35000rpm
 Speed Settings:..... Stepless Control
 Collet Sizes:..... 1.5mm, 2.3mm, 3.2mm
 Noise Power:..... 84dB(A)
 Noise Pressure:..... 73dB(A)

3. OPERATION

3.1. Connection

3.1.1. Ensure that the ON/OFF switch is in the OFF position before connecting to the mains supply. Refer to fig.1a, 'OFF' is shown as '0' on the switch.

3.2. Fitting Accessories Direct to Rotary Tool

3.2.1. Ensure that the tool is switched OFF.
 3.2.2. Press the spindle lock button, refer to fig.1, and slowly turn the collet until the spindle lock engages.
 3.2.3. Retain the pressure on the spindle lock button and turn the collet nut anti-clockwise to open the collet.

NOTE: Never press the spindle lock button when the tool is running.

3.2.4. The required bit may now be fitted into the collet. Fully insert the bit shaft to reduce the risk of bending in use. Tighten the collet nut firmly using the spanner supplied. Finally, release the spindle lock button.

3.2.5. To change collet, proceed as 3.2.1 to 3.2.3 but continue to unscrew the collet nut until it can be removed from the spindle. Change collet and replace the collet nut.

3.2.6. Select the speed required on the variable speed control. Small accessories require high speed and large accessories low speed. If in doubt, start on a low setting and gradually increase speed until best performance is obtained.

3.2.7. Check that the ON/OFF switch is OFF and then connect the tool to the mains power supply. Turn the ON/OFF switch to ON.

DO NOT switch ON with the tool bit touching the workpiece. Always allow the bit to reach full speed before applying it to the workpiece.

3.3. Attaching Flex Drive and Bits.

Ensure that the tool is switched OFF and remove plastic collar (fig.1).

3.3.1. Press the spindle lock button, refer to fig.1 or fig.2A, and slowly turn the collet nut until the spindle lock engages.

3.3.2. Retain the pressure on the spindle lock button and turn the collet nut anti-clockwise to loosen the collet.

3.3.3. Extract the flex drive from the centre of the shaft (fig.2B).

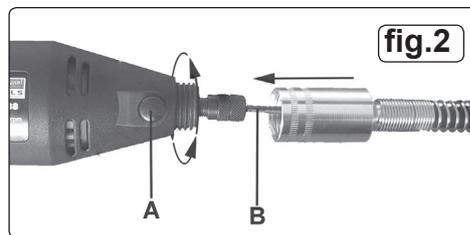
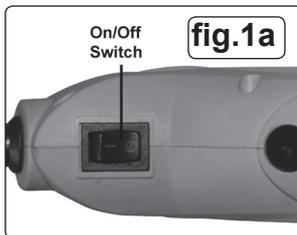
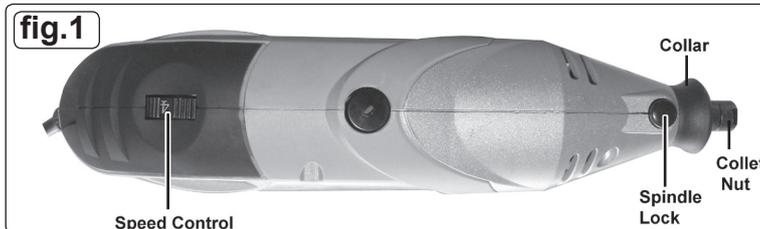
3.3.4. Insert the flex drive into the collet inside the spindle nut and tighten by holding in the spindle locking button and tighten with the spanner.

3.3.5. Slide the flex drive back up into the shaft and secure by screwing the rotary shaft connector onto the rotary tool (fig.2).

3.3.6. At the other end of the flex drive shaft insert the locking pin into the outer casing (fig.3), it may be necessary to rotate the collet nut to align the holes, once the shaft is locked, turn the collet nut anti-clockwise to loosen.

3.3.7. If necessary replace the collet with one the correct size for the task at hand.

3.3.8. Replace the collet nut and insert a bit. Tighten the collet nut firmly and remove the locking pin.



4. MAINTENANCE

4.1. Cleaning

4.1.1. Keep the tool's ventilation slots clean and free from obstructions. If available, blow compressed air into the vents to clear any internal dust (safety goggles must be worn when undertaking this process).
 4.1.2. Keep the outer case of the tool clean and free from grease.
 4.1.3. Wipe down with a damp cloth. **DO NOT** wash with water or use solvents or abrasives.

4.2. Servicing

To service the tool contact your local Sealey service agent.



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.

Parts support is available for this product. To obtain a parts listing and/or diagram, please log on to www.sealey.co.uk, email sales@sealey.co.uk or telephone 01284 757500.

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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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): 3.74m/s²

Uncertainty value (k):. 1.87m/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.