

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 OR PERSONAL INJURY, AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

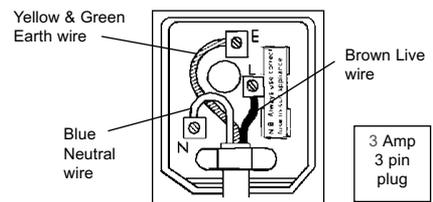
### 1. SAFETY INSTRUCTIONS

#### 1.1 ELECTRICAL SAFETY.

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

**You must** check all electrical equipment and appliances to ensure they are safe before use. **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 recommend that an RCD (Residual Current Device) is used with all electrical products. It is particularly important to use an RCD together with portable products that are plugged into an electrical supply not protected by an RCCB. If in doubt consult a professional 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 a business premises, to be tested by a qualified person at least once a year by using a Portable Appliance Tester (PAT).
- 1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of the appliance, and safety of the appliance operator. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. DO ensure that the insulation on all cables and the product itself is safe before connecting to the mains power supply. See 1.1.1. above and use a Portable Appliance Tester (PAT).
- 1.1.4. DO ensure that cables are always protected against short circuit and overload.
- 1.1.5. DO regularly inspect power supply, leads, plugs and all electrical connections for wear and damage, especially power connections to ensure that none are loose.
- 1.1.6. DO check that the voltage marked on the product is the same as the electrical power supply to be used, and check that all fused plugs are fitted with the correct capacity fuse.
- 1.1.7. DO NOT tug, pull or carry the powered appliance by its power supply lead or cable.
- 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 person. 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 (UK only - see diagram at right). (or if no plug fitted).
  - a) Ensure the unit is correctly earthed via a three-pin plug.
  - b) Connect the GREEN/YELLOW earth wire to the earth terminal 'E'.
  - c) Connect the BROWN live wire to live terminal 'L'.
  - d) Connect the BLUE neutral wire to the neutral terminal 'N'.



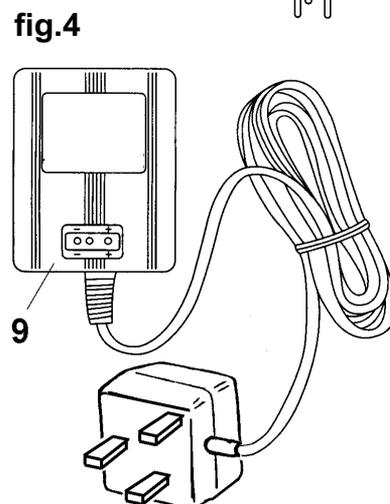
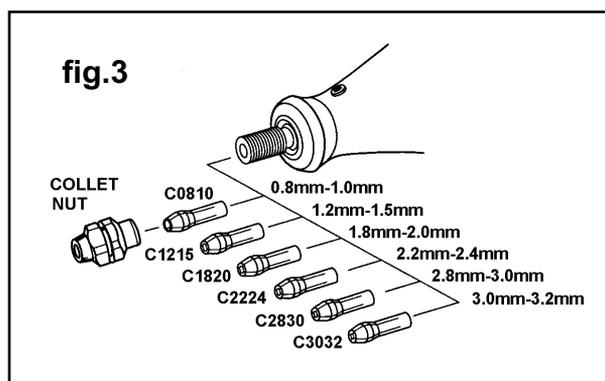
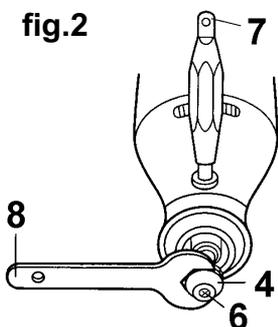
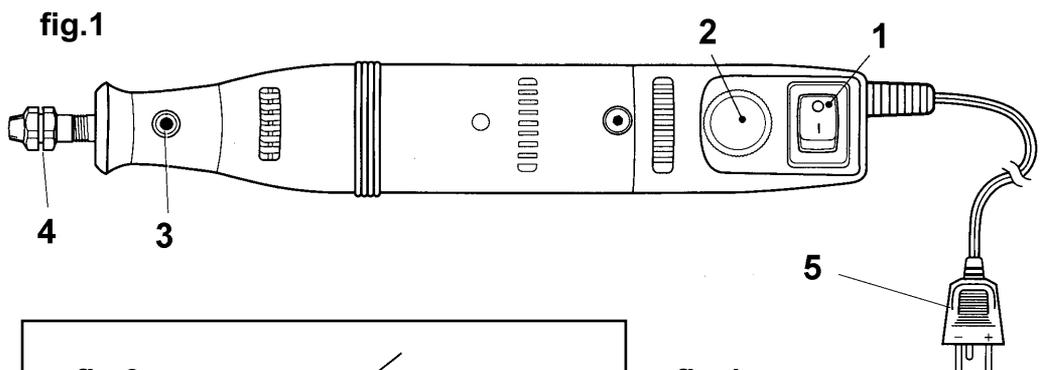
#### 1.2. GENERAL SAFETY

- 3 Familiarise yourself with this products application and limitations, as well as the specific potential hazards peculiar to the engraver.
- p **WARNING!** Disconnect the engraver from the mains power before changing accessories, servicing or performing any maintenance.
- 3 Maintain the engraver in good condition (use an authorised service agent).
- 3 Replace or repair damaged parts. *Use recommended parts only. Non authorised parts may be dangerous and will invalidate the warranty.*
- 3 Keep tool bits clean and check for condition, if worn or damaged do not use. Follow the instructions for changing accessories.
- p **WARNING!** Always wear approved eye or face protection when operating the engraver. Use a face or dust mask if dust is generated.
- 3 Keep the work area clean, uncluttered and ensure there is adequate lighting.
- 3 Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain and/ or tie back long hair.
- 3 Maintain correct balance and footing. Ensure the floor is not slippery and wear non slip shoes,
- 3 Remove adjusting keys and wrenches from the machine and it's vicinity before turning it on.
- 3 Secure non stable work piece with a clamp, vice or other adequate holding device.
- 3 Avoid unintentional starting.
- 7 DO NOT force the engraver to achieve a task it was not designed to perform.
- 7 DO NOT operate the engraver if any parts are damaged or missing as this may cause failure or possible personal injury.
- 7 DO NOT hold the workpiece by hand. Use clamps or a vice (not included) to secure the workpiece. Available from your Sealey dealer.
- 7 DO NOT get the engraver wet or use in damp or wet locations or areas where there is condensation.
- 7 DO NOT place attachments close to your face (especially eyes, ears, etc) or other persons or animals.
- 7 DO NOT allow children or untrained persons to operate the engraver.
- 7 DO NOT operate the engraver when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- 7 DO NOT carry the engraver with your finger on the power switch, or carry by the power cable.
- 7 DO NOT use the engraver where there are flammable liquids, solids or gases such as paint solvents, etc.
- 7 DO NOT leave the engraver operating whilst unattended.
- p **WARNING!** DO NOT cut, grind, saw, sand any materials containing asbestos.
- 7 DO NOT switch the engraver on whilst the disc is in contact with the work piece.
- 3 When not in use switch the engraver off, remove plug from the power supply, store the tool and parts in their carry case and store the case in a safe, dry child proof area.

## 2 OPERATING INSTRUCTIONS

- 2.1 Ensure the transformer is unplugged from the mains power supply, plug the grinder (fig1.5) into the transformer (fig 4.9). Check that the grinder power switch is in the off position (fig.1.1).
- 2.2 To change tool bits make sure the power is off, loosen or change the collet (fig 2. 6) by inserting the collet locking pin into the hole provided (fig.1.3, & fig 2 item 7) this will hold the central spindle whilst you unscrew the collet nut (fig 2 item 4) using wrench provided (fig.2 item 8). Insert appropriate sized collet for the diameter of the tool bit you are going to use (fig 3). Replace collet nut, insert tool bit and tighten with wrench then remove collet locking pin.
- 2.3 This tool operates at variable speeds from 2,000 RPM to 12,000 RPM, the speed is adjusted by turning the variable speed switch (fig.1 item 2).
- 2.4 There are six collets to choose from 0.8mm to 3.2mm shown in (fig.3). Be sure to use the correct collet for the tool bit you are using.
- 2.5 Should the engraver be in continuous operation for 10 minutes, stop the tool and allow it to stand for 5 minutes to cool.

1. Power switch.
2. Speed adjustment Knob.
3. Locking Pin hole.
4. Collet nut.
5. Engraver plug.
6. Collet.
7. Locking pin.
8. Collet nut wrench.
9. Mains transformer



### Model: E5885 Transformer

93/68/EEC CE Marking Directive  
73/23/EEC The Low Voltage Directive

**Declaration of Conformity** We, the sole importer into the UK, declare that the product listed here is in conformity with the following EEC standards and directives



Signed by John Sealey

1st September 1998

The construction file for this product is held by the Manufacturer and may be inspected on request by contacting Jack Sealey Ltd

For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products

**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 responsibility is accepted for incorrect use of this equipment

**WARRANTY:** Guarantee is 12 months from purchase date. Proof of purchase will be required for any claim.

**INFORMATION:** Please call us for a copy of our latest catalogue.

# SEALEY POWER PRODUCTS

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