



INSTRUCTIONS FOR:
**MINI BENCH GRINDER Ø50MM -
FLEXIBLE DRIVE SHAFT**
MODEL NO: **BG1010**

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 instruction manual



Wear eye protection



Indoor Use Only

1. SAFETY

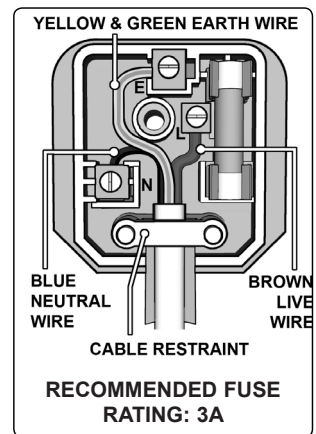
1.1. ELECTRICAL SAFETY


WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any 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 that all portable electrical appliances, if used on business premises, are 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 those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Inspect power supply cables and plugs regularly for wear or damage and check all connections to ensure that none is loose.
- 1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
- 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.1.8. **DO NOT** pull the plug from the socket by the cable.
- 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. have any faulty item repaired or replaced immediately by a qualified electrician. When a BS 1363/A UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.**
Fit a new plug according to the following instructions (UK only).
 - 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'.**
 - d) **After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.**



Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

- 1.1.10. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable. If an extension reel is to be used outdoors, ensure it is marked for outdoor use.

1.2 GENERAL SAFETY

- ✓ Disconnect the grinder from the mains power before changing accessories, servicing or performing any maintenance.
- ✓ Replace damaged parts. *Use genuine parts only. Unapproved parts may be dangerous and will invalidate the warranty.*
- ✓ Wear approved safety goggles, safety gloves, appropriate dust mask if grinder generates dust.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain long hair.
- ✓ Use the grinder in a suitable work area, keep area clean, tidy and free from unrelated materials, and ensure adequate lighting.
- ✓ Maintain correct balance and footing. **DO NOT** over-reach and ensure the floor is not slippery. Wear non slip shoes.
- ✓ Do not allow children to play with this machine: keep it out of their reach.
- x **DO NOT** operate the grinder if any parts are missing or if the grinder is damaged.
- x **DO NOT** use the grinder for a task it was not designed to perform.
- x **DO NOT** get the grinder wet or use in damp or wet locations.
- x **DO NOT** switch the grinder on whilst the wheel is in contact with the workpiece.
- x **DO NOT** touch the workpiece immediately after grinding or polishing as it may be very hot.
- x **DO NOT** touch the wheel whilst operating, or whilst plugged into the mains power.
- x **DO NOT** leave the grinder running unattended.
- x **DO NOT** operate the grinder when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ When not in use, switch the grinder off and remove the plug from the power supply.

2. INTRODUCTION

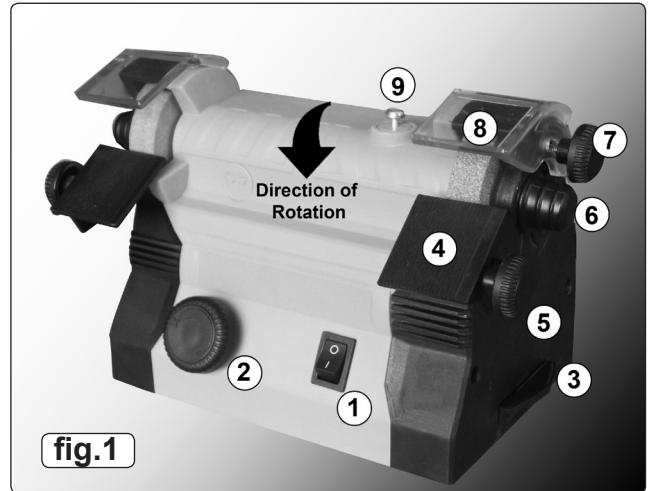
Versatile compact mini bench grinder with flexible drive shaft and buffing wheel attachment. Includes nylon, wool and steel wire wheels. Supplied with eye shields and spark arrestors for added safety. Tool rests provide control during use. Fitted with fine grit grinding stone and polishing wheel. Suitable for the DIY enthusiast and light garage use.

3. SPECIFICATION

Model No: **BG1010**
 Motor Power: 100W
 Supply: 230V
 Maximum Wheel Diameter: Ø51mm
 No Load Speed: 3000-9000rpm
 Weight: 7.5kg

Key:

- | | |
|---------------------------|--------------------------------|
| 1: On/Off switch | 6: Drive Shaft/Arbor Connector |
| 2: Speed Selector | 7: Eye Shield (both sides) |
| 3: Dust Collector | 8: Eye Shield Lock(" ") |
| 4: Tool Rest (both sides) | 9 :Spindle Lock |
| 5: Tool Rest Lock(" ") | |



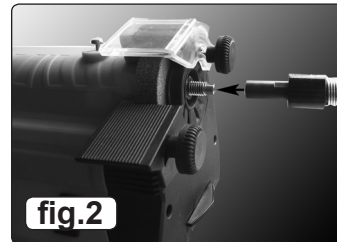
4. OPERATION

4.1. Bench Grinder

- 4.1.1. Adjust the tool rests (fig.1.4) and eye shields (fig.1.8) to the required positions and secure in place with the locks (figs.1.5 & 1.7). Ensure that the eye shield is brought down over the top of the wheel and that the tool rest is as close to the wheel as possible.
- 4.1.2. Plug the machine into the mains and operate the on/off switch (fig.1.1). The speed can be adjusted by rotating the speed selector (fig.1.2).

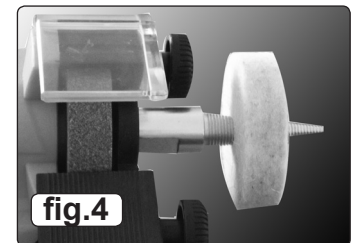
4.2. Drive Shaft

- 4.2.1. To fit the drive shaft, remove the cap from the drive shaft connector (fig.1.6) and screw the inner end of the shaft onto the threaded connector, as in fig.2. Lock the spindle with the spindle lock (fig.1.9)
- 4.2.2. The outer end of the drive shaft is fitted with a collet. To loosen the collet, lock the drive shaft with the locking pin (fig.3) and unscrew the retainer with the spanner provided.
- 4.2.3. Insert the shaft of the tool to be used into the collet and retighten.



4.3. Polishing Arbor

- 4.3.1. To fit the polishing arbor, remove the cap from the drive shaft connector and screw the arbor onto the threaded connector.
- 4.3.2. The relevant polishing mop will thread onto the tapered arbor (fig.4).



5. MAINTENANCE

- 5.1. Clean the casing occasionally with a damp, soapy cloth. **DO NOT** use solvent or abrasive cleaners.
- 5.2. When not in use, store in a cool, dry, childproof location.



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. When the product becomes completely unserviceable and requires disposal, dispose of it 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 will be required for any claim.



Sole UK Distributor, Sealey Group,
 Kempson Way, Suffolk Business Park,
 Bury St. Edmunds, Suffolk,
 IP32 7AR

01284 757500

01284 703534

www.sealey.co.uk

sales@sealey.co.uk