

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 OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. RETAIN THESE INSTRUCTIONS FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- ✓ Follow all workshop Health & Safety rules, regulations and conditions when using this tool.
- ☐ **WARNING!** Disconnect the grinder from the air supply before changing accessories, servicing or performing any maintenance.
- ✓ Maintain the grinder in good condition and replace or repair any damaged or worn parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- ☐ **WARNING!** Ensure the correct air pressure (90psi) is maintained and not exceeded.
- ✓ Keep hoses away from heat, oil and sharp edges. Check hoses for wear before each use. Make certain that all connections are secure.
- ☐ **WARNING!** Before each use check abrasive attachment is secure and that it is not worn or damaged. If damaged, replace immediately.
- ✓ Ensure replacement grinding bits are not damaged (cracks, deformations or splinters etc.).
- ✓ Always use the correct grinding bit for the material being ground. Ensure the maximum speed of the bit is equal to or higher than the maximum of the die grinder.
- ✓ Ensure there are no flammable or combustible materials near the work area.
- ✓ Always wear approved safety eye protection, ear defenders, safety gloves and if dust or fumes are generated, appropriate respiratory protection in accordance with COSHH regulations must be used.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery and contain long hair.
- ✓ Locate the grinder in an adequate working area for its function, keep area clean, tidy, free from unrelated materials and ensure there is adequate lighting.
- ✓ Maintain correct balance and footing, do not over reach. Ensure the floor is not slippery and wear non slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Secure non stable workpiece with a clamp, vice or other adequate holding device and **DO NOT** hold unsecured work in your hand.
- ✓ Avoid subjecting the grinding bit to excessive strain, always ease the grinding bit onto the workpiece.
- ✗ **DO NOT** place attachments close to your face and do not point at other persons or animals.
- ✗ **DO NOT** force the grinder to achieve a task it was not designed to perform.
- ✗ **DO NOT** operate the grinder when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** allow untrained persons to operate the grinder
- ✗ **DO NOT** direct air from the air hose at yourself or others..
- ✗ **DO NOT** use the grinder where there are flammable liquids, solids or gases such as paint solvents, etc.
- ✗ **DO NOT** start the grinder with the grinding bit in contact with the workpiece.
- ✗ **DO NOT** leave the die grinder connected to the air supply whilst unattended.
- ✗ **DO NOT** carry the by the hose, or yank the hose from the air supply.
- ✗ **DO NOT** touch the workpiece close to the ground surface as it will be very hot, allow to cool and take care as sharp edges may be present.
- ✓ When not in use switch the grinder off, disconnect from the air supply, and store in a safe, dry, child proof area.

Risk of Hand Arm Vibration Injury.
 The SA672.V2 Long Reach Air Die Grinder, when operated in accordance with these instructions and tested in accordance with EN 28662-1: 1993 results in the following vibration emission declared in accordance with BS EN12096: 1996.
 Measured vibration emission value: 5.0m/s² Uncertainty: 2.0m/s²
These values are suitable for comparison with emission levels of other tools that have been subject to the same test.
This tool may cause hand-arm vibration syndrome if its use is inadequately managed.
Recommended Measures to reduce risk of hand-arm vibration syndrome:
 This tool should not be used by an individual regularly for more than 244 minutes in any 8 hour period.
 This duration of use should be reduced if the individual is exposed to hand-arm vibration from other sources.

2. SPECIFICATION

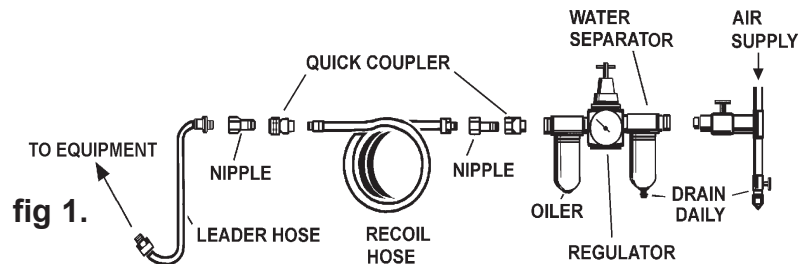
One handed, straight type die grinder with machined aluminium body and trigger with safety catch. Long reach head chuck accepts grinding points with Ø6mm shanks. Supplied with two spanners.

- Collet size 6mm
- Free speed 25000rpm
- Air consumption 4cfm
- Operating pressure 90psi
- Air inlet size 1/4" BSP
- Length 235mm
- Weight 0.7kg
- A-weighted sound 94dB
- C-weighted sound 106dB
- Vibration level 5.0m/s²



3. AIR SUPPLY

- 3.1 Ensure the die grinder air valve (or trigger) is in the "OFF" position before connecting to the air supply.
- WARNING!** Ensure the air supply does not exceed 90psi while operating the die grinder. Too high an air pressure and unclean air will shorten the grinders life due to excessive wear, and may be dangerous causing possible damage and personal injury.
- 3.2 Drain the air tank daily. Water in the air line will damage the die grinder.
- 3.3 Clean the air inlet filter screen weekly. The recommended hook-up procedure is shown in fig 1.
- 3.4 Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
- 3.5 Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
- 3.6 Use correct hoses and fittings.
DO NOT use quick change couplings as they add weight and can cause failure due to vibration. Use a leader hose and connect coupling between air supply and hose whip.



4. OPERATING INSTRUCTIONS

- 4.1 **Fitting grinding bit.**
- WARNING!** Disconnect from the air supply before changing grinding bit.
- 4.1.1 Ensure that the grinding bit is not damaged, check for cracks, deformations or splinters etc. Damaged bits must **NOT** be used.
- 4.1.2 Use the spanners provided to loosen collet locking collar. Insert grinding bit and re-lock collar.
- 4.2 **Operating the grinder.**
- WARNING!** Ensure you have read, understood and apply Section 1 safety instructions.
- WARNING!** Ensure the RPM rating of accessories are equal to, or exceed the RPM rating of the grinder.
- 4.2.1 Connect the grinder to the air supply, read chapter 3.
- 4.2.2 To start hold the grinder firmly, release the safety catch and squeeze the trigger.
- 4.2.3 The bit must be running at its maximum speed before attempting to grind the workpiece.
- 4.2.4 Slowly and smoothly bring the grinder toward the workpiece (avoid jerky movements). Exert adequate pressure on the die grinder to grind, but avoid subjecting the bit to excessive strain or harsh impacts.
- Note:** Always hold the die grinder firmly and ease grinding bit against the workpiece, maintaining a controlled progression.
- WARNING!** **DO NOT** allow die grinder to run free for an extended period of time as this will reduce bearing life.

5. MAINTENANCE

- WARNING!** Disconnect from the air supply before changing accessories, servicing or performing maintenance. Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- 5.1 If an air system oiler is not used lubricate the die grinder with a few drops of Sealey Air Tool Oil (ATO/500 or ATO/1000) dripped into the air inlet.
- 5.2 Clean the die grinder after use.
- 5.3 Loss of power or erratic action may be due to the following:
- Excessive drain on the air line. Moisture or restriction in the air pipe. Incorrect size or type of hose connectors. To remedy check the air supply and follow instructions in Section 3.
 - Grit or gum deposits in the die grinder may also reduce performance. Remove the air strainer from the air inlet and clean. Flush out the die grinder with gum solvent oil or an equal mixture of SAE no.10 oil and paraffin. Allow to dry before use.
- 5.4 For a full service contact your local Sealey dealer.
- 5.5 When not in use, disconnect from air supply, clean and store in a safe, dry, childproof location.

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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