INSTRUCTIONS FOR:

MINI AIR ANGLE ORBITAL POLISHER

MODEL No: **SA722.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 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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

1. SAFETY INSTRUCTIONS

1.1. Operational Safety

❒ **WARNING!** *Ensure Health & Safety, local authority, and general workshop practice regulations are adhered to when using this equipment.*
❒ **WARNING!** Disconnect from air supply before changing accessories or servicing.
✓ Maintain the polisher in good condition (use an authorised service agent).
✓ Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
✓ Use in a suitable clean and tidy work area and ensure there is adequate lighting.
✓ Before each use check pads for condition. If worn or damaged replace immediately.
✓ Ensure the pad rating is the same as, or, greater than the RPM rating of the polisher.
✓ Ensure there are no flammable or combustible materials near the work area.
❒ **WARNING!** Always wear approved eye or face and hand protection when operating the polisher.
✓ Use face, dust, or respiratory protection in accordance with COSHH regulations.
✓ Remove ill fitting clothing. Remove ties, watches, rings, other loose jewellery and contain and/or tie back long hair.
✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
✓ Keep children and unauthorised persons away from the work area.
✓ Check moving parts alignment on a regular basis.
✓ Ensure workpiece is secure before operating the polisher. Never hold a workpiece by hand.
✓ Check the workpiece to ensure there are no protruding screws, bolts, nuts, nails, stones, etc.
✓ Avoid unintentional starting.
❒ **WARNING!** Ensure correct air pressure is maintained and not exceeded. Recommended pressure - 90psi.
✓ Keep air hose away from heat, oil and sharp edges. Check air hose for wear before each use and ensure that all connections are secure.
✓ Prolonged exposure to vibration from this polisher poses a health risk. It is the owner's responsibility to correctly assess the potential hazard and issue guidelines for safe periods of use and offer suitable protective equipment.
✗ **DO NOT** use the polisher for a task it is not designed to perform.
✗ **DO NOT** operate polisher if any parts are damaged or missing as this may cause failure and/or personal injury.
❒ **WARNING! DO NOT** polish any materials containing asbestos.
✗ **DO NOT** carry the polisher by the hose, or yank the hose from the air supply.
✗ **DO NOT** force, or apply heavy pressure to the polisher, let the polisher do the work.
✗ **DO NOT** place air line attachments close to your face and **DO NOT** point at other persons or animals.
✗ **DO NOT** operate polisher when you are tired or under the influence of alcohol, drugs or intoxicating medication.
✗ **DO NOT** use polisher where there are flammable liquids, solids or gases such as paint solvents and including waste wiping or cleaning rags etc.
✗ **DO NOT** carry the polisher with your finger on the power lever.
✗ **DO NOT** direct air from the air hose at yourself or others.
✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.

2. INTRODUCTION & SPECIFICATION

Composite lightweight housing reduces effects of chill on operator's hands. Adjustable speed control on side of motor housing. Air motor with quality bearings for smooth and powerful operation. Integral gear system reduces output speed, still maintaining a high torque level. Supplied with Ø75mm hook-and-loop pad for use with buffing and polishing heads.

Pad Size	75mm
Motor Power	0.3hp
Free Speed	2000-6000rpm
Operating Pressure	90psi
Air Consumption	3cfm
Air Inlet	1/4"BSP
Noise Power	89.4dB.A
Noise Pressure	78.4dB.A
Weight	0.6kg

3. PREPARING TOOL FOR USE

3.1. Air Supply

3.1.1. Ensure the polisher trigger is in the "Off" position before connecting to the air supply.

3.1.2. You will require an air pressure of 90psi, and an air flow according to the specifications.

3.1.3. ❒ **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the polisher. Too high an air pressure and/or unclean air will shorten the product life due to excessive wear, and may be dangerous, causing damage and/or personal injury.

3.1.4. Drain the air tank daily. Water in the air line will damage the polisher **and will invalidate your warranty.**

3.1.5. Clean air inlet filter weekly. Recommended hook-up procedure is shown in fig.1.

3.1.6. 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.

3.1.7. Keep hose away from heat, oil and sharp edges. Check hoses for wear and make certain that all connections are secure.

3.2. Couplings

3.2.1 Vibration may cause failure if a quick change coupling is connected directly to the air polisher. To overcome this, connect a leader hose to the polisher. A quick change coupling may then be used to connect the leader hose to the air line recoil hose. See figs.1 & 2.

fig.1

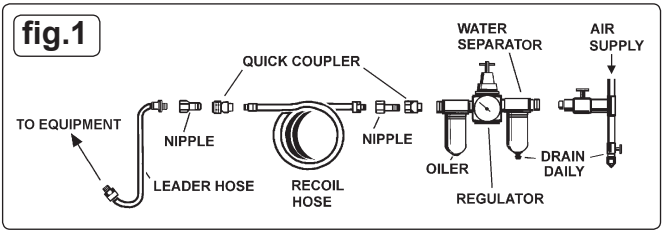
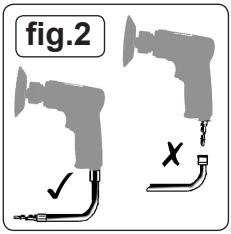


fig.2



4. OPERATING INSTRUCTIONS

❒ **WARNING! Ensure you read, understand and apply the safety instructions in Section 1 before use.**

4.1. Assembly

4.1.1. Screw the backing pad into the polisher spindle, then tighten with supplied spanner. Attach the compounding pad, only use pads with speed ratings equal to or higher than the speed rating of the polisher. **DO NOT** use cloth backed polishing pads.

4.1.2. Connect air supply to polisher and press the trigger (fig.3C) to check that the polisher is working correctly.

fig.3

4.2. Operating

4.2.1 The polisher speed can be changed by switching the thumb control on the side of the polisher (fig.3A).

4.2.2 Operate the polisher by depressing the trigger (fig.3C).

4.2.3. Always use a polishing compound appropriate for the job.

4.2.4. **DO NOT** apply excessive pressure, let the polisher do the work for you. Start the polisher and bring the polishing pad to the work surface evenly and slowly. Move the polisher back and forth in overlapping areas.

4.2.5. Remove the polishing pad from the work surface before stopping the polisher. Regularly check the polishing pad for wear, always change if worn or damaged.

4.2.6. **DO NOT** allow polisher to run in "idle rotation" for an extended period of time as this will reduce bearing life.

5. MAINTENANCE

❒ **WARNING!** Disconnect polisher from 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 the air supply does not have an oiler lubricate the air polisher daily with a few drops of good grade air tool oil such as Sealey ATO/500 or ATO/1000, dripped into the air inlet before use.

5.2. Clean the polisher after use and change pads when required.

5.3. Loss of power or erratic action may be due to the following:

a) 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.

b) Grit or gum deposits in the polisher may also reduce performance. If your model has an air strainer (located in the area of the air inlet), remove the strainer and clean it. Flush the polisher out with gum solvent oil or an equal mixture of SAE No 10 oil and kerosene. Allow to dry before use.

If problems continue, contact your local Sealey service agent.

5.4. For a full service contact your local Sealey service agent.

5.5. When not in use, disconnect from air supply, clean polisher and store in a safe, dry, childproof location.

Risk of Hand Arm Vibration Injury

Air Angle Orbital Polisher. Model No: SA722.V2 when operated in accordance with these instructions and tested in accordance with BS EN 28662-1:1993, ISO 8662-1:1988 and BS EN ISO 28927-3:2009 results in the following vibration emission declared in accordance with BS EN 12096:1996.

Measured vibration emission value: 7.19m/s² **Uncertainty:** 2.88m/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 118 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.

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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