



INSTRUCTIONS FOR :

## GENERATION SERIES MINI AIR POLISHER (75mm)

MODEL No: **GSA722**

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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.**

### 1. SAFETY INSTRUCTIONS

- 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.
- WARNING!** Ensure that correct air pressure is maintained and not exceeded. Recommended pressure is 90psi.
- WARNING!** Always wear approved eye or face and hand protection when operating the polisher.
- ✓ 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, free from unrelated materials. Ensure that there is adequate lighting.
- ✓ Before each use check pad for condition. If worn or damaged replace immediately.
- ✓ Use face, dust, or respiratory protection in accordance with COSHH regulations.
- ✓ Noise level may exceed 94dB(A) - wear safety ear defenders.
- ✓ Remove ill fitting clothing. Remove ties, watches, rings, other loose jewellery and contain and/or tie back long hair.
- ✓ Wear appropriate protective clothing and keep hands and body clear of pad.
- ✓ Maintain correct balance and footing. Ensure that the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the work area.
- ✓ Ensure workpiece is secure before operating the polisher. Never hold a workpiece by hand.
- ✓ Avoid unintentional starting.
- ✓ 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.
- ✓ When not in use, disconnect from the air supply and store in a safe, dry, childproof location.
- x **DO NOT** use an attachment which has a speed rating less than the speed rating of the polisher.
- x **DO NOT** use the polisher for a task it is not designed to perform.
- x **DO NOT** operate polisher if any parts are damaged or missing as this may cause failure and/or personal injury.
- x **DO NOT** carry the polisher by the hose, or yank the hose from the air supply.
- x **DO NOT** force, or apply heavy pressure to the polisher, let the polisher do the work.
- x **DO NOT** place attachments close to your face and do not point at other persons or animals.
- x **DO NOT** operate polisher when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- x **DO NOT** carry the polisher with your finger on the trigger.
- x **DO NOT** direct air from the air hose at yourself or others.



## Risk of Hand Arm Vibration Injury.

Generation Series Mini Air Polisher (75mm) Model No: GSA722, 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 8662-8:1997 results in the following vibration emission declared in accordance with BS EN12096:1996.

**Measured vibration emission value:** 1.021m/s<sup>2</sup>      **Uncertainty:** 0.41m/s<sup>2</sup>

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 item represents a low Hand Arm Vibration risk to users. The calculated maximum usage period exceeds 8 hours. We recommend appropriate safety equipment is utilised and regular breaks for the operator are employed to reduce any residual risk of fatigue or repetitive strain injury.

## 2. INTRODUCTION & SPECIFICATION

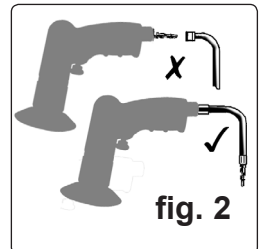
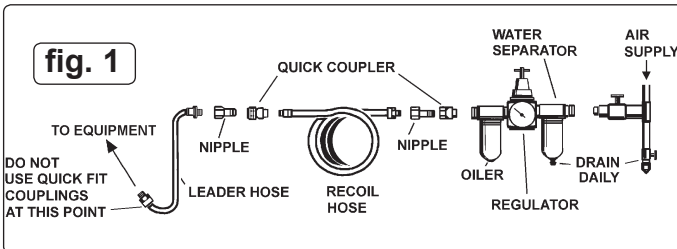
Textured grip and lightweight aluminium alloy housing provide comfort and control. Powerful air motor provides smooth operation under load. Supplied with Ø75mm hook-and-loop pad and spanner. Use with Ø79mm buffing and polishing heads - see pages 650 & 651 for full range of accessories.

Disc Size .....	Ø75mm	Sound Power .....	87dB.A
Free Speed .....	2500rpm	Vibration .....	1.021m/s <sup>2</sup>
Max. Operating Pressure .....	90psi	Uncertainty Value .....	0.41m/s <sup>2</sup>
Air Consumption .....	4cfm	Weight .....	0.7kg
Air Inlet .....	1/4" BSP		

## 3. AIR SUPPLY

Recommended hook-up is shown in fig. 1.

- 3.1. Ensure that the polisher air valve (or throttle) is in the "off" position before connecting to the air supply.
- 3.2. You will require an air pressure between 70-90psi, and an air flow according to the specification above.
- 3.3.  **WARNING!** Ensure that the air supply is clean and does not exceed 90psi while operating the polisher. Too high an air pressure and/or unclean air will result in excessive wear and may be dangerous, causing damage and/or personal injury.
- 3.4. Drain the compressor air tank daily. Water in the air line will damage the polisher and invalidate your warranty.
- 3.5. Clean compressor air inlet filter weekly.
- 3.6. 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.
- 3.7. Keep hoses away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
- 3.8. Vibration may cause failure if a quick change coupling is connected directly to the 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.



## 4. OPERATING INSTRUCTIONS

- WARNING!** Ensure that you read, understand and apply the safety instructions before use.
- 4.1. Ensure the hook and loop pad is securely fitted to the spindle. Using the spanner provided to hold the spindle, turn the pad clockwise until tight.
- 4.2. Attach the compounding pad by firmly placing on the hook and loop pad.
- 4.3. Press trigger to start the polisher, release trigger to stop.

Always use a polishing pad appropriate for the job. Work progressively from coarse to finer grades. DO NOT go from coarse to fine in one step as it may be difficult to remove swirl marks left by the coarse pad. DO NOT apply excessive pressure, let the polisher do the work for you. Start the polisher and bring the pad to the work surface evenly and slowly. Move the polisher back and forth in overlapping areas. Remove the pad from the work surface before stopping the polisher. Regularly check the pad for wear, always change a damaged pad.

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

## 5. MAINTENANCE

- WARNING!** Disconnect the 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 system does not include an oiler, lubricate the polisher daily with a few drops of good grade air tool oil such as Sealey ATO/500S or ATO1000S, 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 out the polisher with gum solvent oil or an equal mixture of SAE No 10 oil and kerosene. Allow to dry before use.If you continue to experience problems, contact your local Sealey service agent.
- 5.4. 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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