



INSTRUCTIONS FOR

## AIR POLISHER Ø180MM 2500RPM

MODEL NO: **SA17/S.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 & 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 to instruction manual



Wear eye protection



Wear ear protection



Wear protective gloves



Wear a mask

### 1. 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, free from unrelated materials. Ensure that there is adequate lighting.
- ✓ Before each use check pad for condition. If worn or damaged replace immediately.
- 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.
- ✓ Noise level may be high - 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.
- WARNING!** Ensure that correct air pressure is maintained and not exceeded. Recommended pressure is 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 may pose 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 a polishing pad which has a speed rating less than the speed rating of the polisher.
- \* **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.
- \* **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** operate polisher when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- \* **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 the air supply and store in a safe, dry, childproof location.

### 2. INTRODUCTION

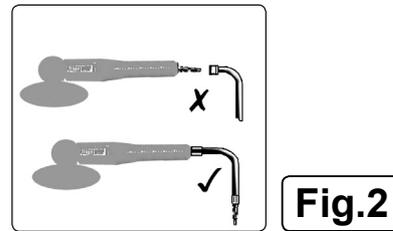
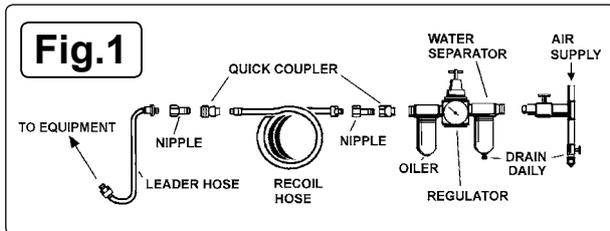
Polished and well balanced aluminium body with two side handle mounting positions. Trigger operated throttle control. Supplied with Ø180mm backing pad.

### 3. SPECIFICATIONS

Model no: .....SA17/S.V2  
Pad size: ..... Ø180mm  
Thread size: ..... 5/8"UNC  
Free speed : ..... 2500rpm  
Air consumption: ..... 5.3cfm  
Operating pressure: ..... 90psi  
Inlet size: ..... 1/4" BSP  
Weight: ..... 2kg  
Noise power/pressure: ..... 100/89dB(A)  
Vibration/uncertainty: ..... 2.39/0.7m/s<sup>2</sup>  
Vacuum outlet: ..... n/a

## 4. AIR SUPPLY

- ✓ Recommended hook-up is shown in fig.1.
  - ✓ Ensure that the polisher air valve (or throttle) is in the "off" position before connecting to the air supply.
  - ✓ You will require an air pressure between 70-90psi, and an air flow according to the specification in section 3.
  - ❑ **WARNING!** Ensure that the air supply is clean and does not exceed 90psi while operating the polisher.
- 4.1. Too high an air pressure and/or unclean air will result in excessive wear and may be dangerous, causing damage and/or personal injury.
  - 4.2. Drain the compressor air tank daily. Water in the air line will damage the polisher and invalidate your warranty.
  - 4.3. Clean compressor air inlet filter weekly.
  - 4.4. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres).
  - 4.5. The minimum hose diameter should be 1/4" I.D. and fittings must have the same inside dimensions.
  - 4.6. Keep hoses away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
  - 4.7. 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.



## 5. OPERATION

- ❑ **WARNING!** Ensure that you read, understand and apply the safety instructions before use.
- 5.1. **Assembly**
    - 5.1.1. Your SA17/S comes with one handle, two spanners, and a backing disc.
    - 5.1.2. The handle may be screwed into the left- or right-hand side of the head.
    - 5.1.3. Remove the disc locking nut from the polisher spindle. Screw the disc onto the spindle and secure with the locking nut. Use spanners supplied to hold the hub and tighten the lock nut.
    - 5.1.4. Fix appropriate polishing pad to the backing disc. Use only pads with speed ratings equal to, or, higher than the speed rating of the polisher e.g Sealey Lambswool Bonnet Part No.ER/MS/66
    - 5.1.5. Connect air supply to polisher and press the control valve lever to check that the polisher is working correctly.
  - 5.2. **Operation**
    - 5.2.1. The air flow may be regulated by turning the control valve screw on top of the handle.
    - 5.2.2. Always use a polishing pad appropriate for the job.
      - \* **DO NOT** apply excessive pressure, let the polisher do the work for you. Start the polisher and bring the pad to the 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.

## 6. 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.
- 6.1. If the air supply system does not include an oiler, lubricate the air polisher daily with a few drops of good grade air tool oil such as Sealey ATO/500 or ATO1000, dripped into the air inlet before use.
  - 6.2. Clean the polisher after use and change pads when required.
  - 6.3. 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.
  - 6.4. If you continue to experience problems, contact your local Sealey service agent.
  - 6.5. When not in use, disconnect from air supply, clean and store in a safe, dry, childproof location.



### ENVIRONMENT 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, drain any fluids (if applicable) into approved containers and dispose of the product and fluids according to local regulations.

**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 is required for any claim.

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## **WARNING! – Risk of Hand Arm Vibration Injury.**

**This tool may cause Hand Arm Vibration Syndrome if its use is not managed adequately.**

This tool is subject to the vibration testing section of the Machinery Directive 2006/42/EC.

This tool is to be operated in accordance with these instructions.

**Measured vibration emission value (a): 2.39 m/s<sup>2</sup>**

**Uncertainty value (k): 0.7 m/s<sup>2</sup>**

*Please note that the application of the tool to a sole specialist task may produce a different average vibration emission. We recommend that a specific evaluation of the vibration emission is conducted prior to commencing with a specialist task.*

A health and safety assessment by the user (or employer) will need to be carried out to determine the suitable duration of use for each tool.

**NB:** Stated Vibration Emission values are type-test values and are intended to be typical.

Whilst in use, the actual value will vary considerably from and depend on many factors.

Such factors include; the operator, the task and the inserted tool or consumable.

**NB:** ensure that the length of leader hoses is sufficient to allow unrestricted use, as this also helps to reduce vibration.

*The state of maintenance of the tool itself is also an important factor, a poorly maintained tool will also increase the risk of Hand Arm Vibration Syndrome.*

### **Health surveillance.**

We recommend a programme of health surveillance to detect early symptoms of vibration injury so that management procedures can be modified accordingly.

### **Personal protective equipment.**

We are not aware of any personal protective equipment (PPE) that provides protection against vibration injury that may result from the uncontrolled use of this tool. We recommend a sufficient supply of clothing (including gloves) to enable the operator to remain warm and dry and maintain good blood circulation in fingers etc. Please note that the most effective protection is prevention, please refer to the Correct Use and Maintenance section in these instructions. Guidance relating to the management of hand arm vibration can be found on the HSC website [www.hse.gov.uk](http://www.hse.gov.uk) - Hand-Arm Vibration at Work.