



INSTRUCTIONS FOR:  
**AIR OPERATED ANGLE HEAD SANDER**  
MODEL No: **SA19/S.V2**

Thank you for purchasing a Sealey product. Manufactured to a high standard, this product will, if used according to these instructions and maintained properly, 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 the sander from the air supply before changing accessories, servicing or performing any maintenance.

Keep the sander clean and maintain it in good condition (use an authorised service agent).

Replace or repair damaged parts. Use genuine parts only. Non authorised parts may be dangerous and will invalidate the warranty.

Keep the work area clean, uncluttered and ensure there is adequate lighting.

**WARNING!** Wear approved safety eye or face protection, ear defenders, and if dust is generated, respiratory protection.

Keep hands and body clear of the work when operating the sander.

Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.

Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain and/or tie back long hair.

Keep children and unauthorised persons away from the working area.

Check moving parts alignment on a regular basis.

Secure unstable workpiece with a clamp, vice or other adequate holding device.

Avoid unintentional starting.

**WARNING!** Ensure correct air pressure is maintained and not exceeded.

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.

**DO NOT** use the sander for a task for which it is not designed.

**DO NOT** operate the sander if any parts are damaged or missing as this may cause failure and/or possible personal injury.

**WARNING! DO NOT** cut, grind, saw or sand any materials containing asbestos.

**DO NOT** switch the sander on whilst the disc is in contact with the work piece.

**DO NOT** carry the sander by the hose, or pull the hose sharply from the air supply.

**DO NOT** hold the workpiece by hand. Use clamps or a vice (not included) to secure the workpiece. Available from your Sealey stockist.

**DO NOT** allow untrained persons to operate the sander.

**DO NOT** operate the sander when you are tired or under the influence of alcohol, drugs or intoxicating medication.

**DO NOT** use sander where there are flammable liquids, solids or gases such as paint solvents, including waste wiping or cleaning rags etc.

**DO NOT** leave the sander operating unattended.

**DO NOT** carry the sander with your finger on the trigger

**DO NOT** direct air from the air hose at yourself or others.

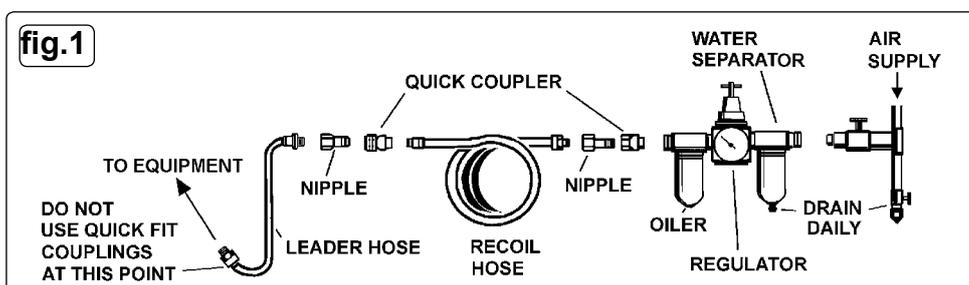
When work is complete ensure the air supply is turned off.

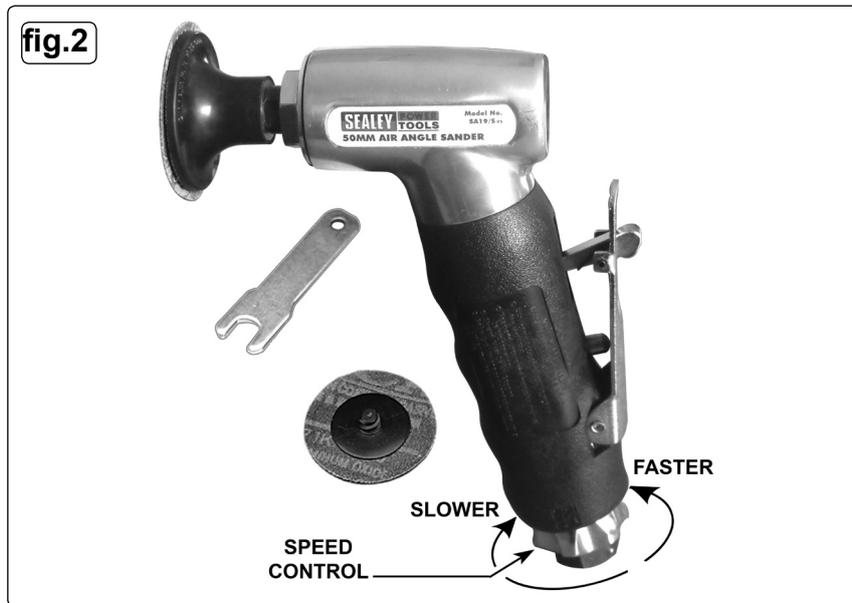
When not in use disconnect from the air supply and store in a safe, dry, childproof area.

## 2. AIR SUPPLY

The recommended hook-up procedure can be viewed in fig 1.

- 2.1. Ensure the air valve is in the "off" position before connecting to the air supply.
- 2.2. You will require an air pressure of 6bar (90psi), and an air volume of more than 10cfm for operating the unit.
- 2.3. **WARNING!** Ensure the air supply does not exceed 140psi while operating the sander. Too high an air pressure and unclean air will shorten the product life due to excessive wear, and may be dangerous causing possible damage and personal injury.
- 2.3.. Drain the air tank daily. Water in the air line will damage the lift.
- 2.4. Clean the air inlet filter screen weekly.
- 2.5. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 8mm I.D. and fittings must have the same inside dimensions.
- 2.6. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.





### 3. INTRODUCTION

Lightweight and versatile sanding tool suitable for use with SA720 mini sanding pads or 3M® bristle pads and 3M® backing pads. 97° Angle head with gearless drive gives optimum performance. Fitted with safety release trigger control and variable speed adjustment. Includes backing pad and wrench.

### 4. SPECIFICATION

|                        |                             |
|------------------------|-----------------------------|
| Model No:              | SA19/S.V2                   |
| Pad Size:              | Ø50mm                       |
| Thread Size:           | 1/4"UNC                     |
| Free Speed:            | 18000rpm                    |
| Air Consumption:       | 10cfm                       |
| Operating Pressure:    | 90psi                       |
| Inlet Size:            | 1/4"BSP                     |
| Weight:                | 0.6kg                       |
| Noise Power/Pressure:  | 98dB(A) / 87dB(A)           |
| Vibration/Uncertainty: | 2.29 / 0.72m/s <sup>2</sup> |

### 5. OPERATION

**WARNING! Ensure you have read understood and follow the safety instructions in section 1.**

- 5.1. Screw the sanding disk carrier onto the shaft and tighten with the spanner provided.
- 5.2. Attach a mini sanding disc by screwing it into the centre of the carrier.
- 5.3. Attach the tool to the air supply, section 2.
- 5.4. To operate the sander, squeeze the trigger.

**NOTE:** The air regulator/speed control may be used as a means of throttle control. See fig.2.

### 6. MAINTENANCE

**WARNING!** Disconnect the sander from the air supply before changing accessories, servicing or performing any maintenance.

- 6.1. Keep the sander oiled for optimum performance. Lubricate daily with a good grade of air oil such as Sealey ATO/500 or ATO/1000. If no air tool oil is used, a teaspoon of oil can be poured into the tool's air inlet, or into the hose at the nearest connection to the air supply. Then run the sander for a short time.
- 6.2. Always check the RPM rating of any accessory to ensure it is compatible with the RPM of this sander.

**Note:** The following external factors may cause loss of power and effect sander performance:

#### The air system.

Reduced compressor output, excessive drain on the air line, moisture or restrictions in air pipes or in the use of hose connection having the improper size. Correct the condition accordingly.

#### The tool.

Grit or gum deposits in the tool. Correct by cleaning the air strainer and flushing out the tool with gum solvent oil or an equal mixture of SAE No.10 oil and kerosene.

If despite taking action as for above situations the tool function is impaired, contact your local Sealey service agent for advice.

**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 to be operated in accordance with these instructions.

**Measured vibration emission value (a): . . .2.29m/s<sup>2</sup>**

**Uncertainty value (k): . . . . .0.72m/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.



**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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