

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 the punch and die, servicing or performing maintenance.
- ✓ Maintain the nibbler 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.
- ✓ Use in suitable clean and tidy working area, free from unrelated materials and ensure there is adequate lighting.
- WARNING!** Always wear approved eye or face and hand protection when operating the nibbler.
- ✓ Remove ill fitting clothing. Remove ties, loose jewellery, and contain and/or tie back long hair.
- ✓ Wear appropriate protective clothing and keep hands and body clear of working parts.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and unauthorised persons away from the working area.
- ✓ Check moving parts alignment on a regular basis.
- ✓ Ensure workpiece is secure before operating the saw. Never hold a workpiece by hand. Use a vice or clamps.
- 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 nibbler poses a health risk. It is the Employers/Owners and operator's responsibility to correctly assess the potential hazard and issue guidelines for safe periods of use and offer suitable protective equipment.
- x DO NOT use any power source except an air compressor.
- x DO NOT operate the saw near any inflammable substance or on any container that once contained an inflammable substance.
- x DO NOT use the nibbler for a task it is not designed to perform.
- x DO NOT operate nibbler if any parts are damaged or missing as this may cause failure and/or personal injury.
- x DO NOT carry the nibbler by the hose, or yank the hose from the air supply.
- x DO NOT operate nibbler when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- x DO NOT carry the nibbler with your finger on the trigger.
- x 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.
- WARNING!** The warnings, cautions and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.



2. INTRODUCTION & SPECIFICATION

The SA28 is a well balanced, robustly constructed tool with a finger tip operated throttle control. Suitable for cutting intricate shapes in sheet steel up to 1.5mm thick. The punch and die may be rotated through 360° to aid access and obtain maximum life of consumables.

Cutter speed 2500 spm
 Operating Pressure 90psi
 Air Consumption 4cfm
 Air Inlet 1/4" BSP

Weight 1.0kg
 Max cutting capacity 1.5mm (steel)
 Noise Power 102.8 dB.A
 Noise Pressure 91.2 dB.A
 Vibration (no load) 4.1 m/s²

Risk of Hand Arm Vibration Injury.

The SA28 Air Nibbler, when operated in accordance with these instructions and tested in accordance with EN 28662-2: 1994 results in the following vibration emission declared in accordance with BS EN12096: 1996.

Measured vibration emission value: 4.1m/s² Uncertainty: 1.64m/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 **6.07** hours in any 8 hour period.

This duration of use should be reduced if the individual is exposed to hand-arm vibration from other sources.

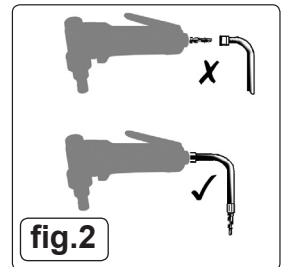
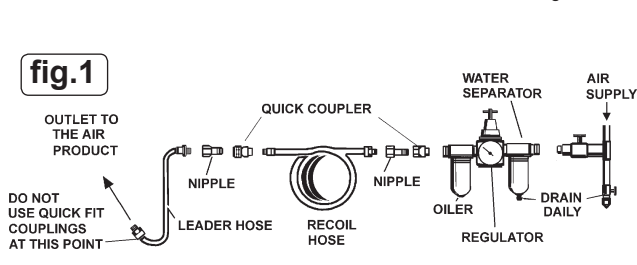
3. PREPARING NIBBLER FOR USE

3.1 Air Supply

- 3.1.1 Remove protective plug from air inlet and connect to the air supply as described below.
- 3.1.2 You will require an air pressure of 90psi, and an air flow according to the specification above.
 - ☐ **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the nibbler. Too high an air pressure and 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 nibbler **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.

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

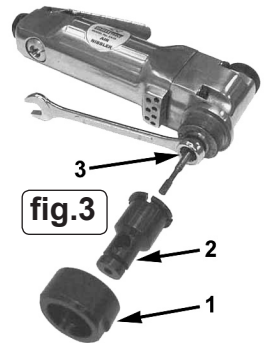


4. OPERATING INSTRUCTIONS

- **WARNING! Ensure you read, understand and apply safety instructions before use.**
- 4.1 The nibbler should be set up for use before connecting to the air line.
- 4.2 In order to improve access to the workpiece, the die can be rotated through 360° in 90° increments. To do this, loosen and remove the locknut (see fig.3.1). Lift and rotate the die (fig.3.2) on the punch successively through 90° until it is in the right position for the job in hand. There are four slots in the base flange of the die. Before replacing the locknut, ensure that the alignment pin in the main body rests in one of these slots. Replace and tighten the locknut.
- 4.3 Ensure that your workpiece is properly secured and marked out.
- 4.4 Connect the nibbler to the airline.
- 4.5 Start the nibbler by squeezing the throttle lever.
- 4.6 Introduce the sheet metal into the slot in the end of the die. Apply light pressure only to move the tool in the desired direction through the material.
- 4.7 Do not allow the nibbler to run freely for any length of time as this will damage the bearings.

5. MAINTENANCE

- **WARNING! Disconnect the nibbler from the air supply before changing the punch and die, servicing or performing maintenance. Replace or repair damaged parts.**
Use genuine parts only. Non standard parts may be dangerous and will invalidate the warranty.
- 5.1 Lubricate the air nibbler daily with a few drops of air tool oil dripped into the air inlet before use.
- 5.2 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 chapter 3.
 - b) Grit or gum deposits in the nibbler 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 nibbler out 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.
- 5.3 For a full service contact your local Sealey service agent.
- 5.4 When not in use, disconnect from air supply, clean nibbler and store in a safe, dry, childproof location.
- 5.5 **Changing the punch and die. (see fig.3)**
- 5.5.1 Remove the locknut (1) and slide the die (2) off the punch to reveal the punch retaining collar (3).
- 5.5.2 Place a 9mm spanner on the hex section as shown in fig.3.3 and undo and remove the collar and punch.
- 5.5.3 Remove the old punch from the collar and insert the new one. Screw the collar and punch back into place and tighten with the spanner.
- 5.5.4 Push the die over the punch and rotate it to the position you require. (Ensure that the alignment pin on the main body is within one of the slots in the die base flange.)
- 5.5.5 Replace and tighten the locknut.



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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