



INSTRUCTIONS FOR:

# AIR KNIFE

MODEL No: **WK025**

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.**

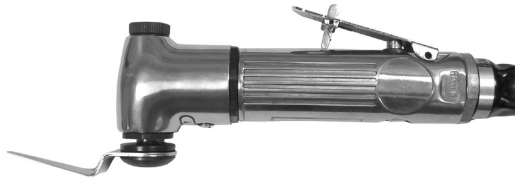
## 1. SAFETY INSTRUCTIONS

- ✓ Follow all workshop Health & Safety rules, regulations and conditions when using tool.
- **WARNING!** Disconnect from air supply before changing cutting blade or servicing.
- ✓ Maintain tool in good condition and replace any damaged or worn parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- **WARNING!** Check correct air pressure is maintained and not exceeded. We recommend 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.
- **WARNING!** Before each use check cutting blade is secure and that the blade is not worn or damaged. If damaged replace immediately.
- ✓ Ensure replacement blades are not damaged in any way such as cracks etc.
- ✗ DO NOT over tighten a blade and never tamper with a blade in order to adapt it to a different size holder.
- ✓ Always use the correct blade suitable for the material being cut.
- **WARNING!** Always wear approved hand and eye or face protection when operating the tool.
- ✓ Use breathing protection in accordance with COSHH regulations if fumes or dust pose a hazard.
- ✓ Wear ear defenders and gloves if necessary.
- ✓ Keep hands and body clear of the workpiece when operating the tool.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep children and non essential persons away from the working area.
- ✓ Avoid subjecting blade to excessive strain, always ease blade down against workpiece (a harsh impact could break the blade). Do not use force in order to cut workpiece. Maintain a controlled progression.
- ✗ DO NOT hold the workpiece by hand. Use a clamp, vice or other adequate holding device to secure the workpiece.
- ✗ DO NOT use the tool for a task it is not designed to perform.
- **WARNING!** DO NOT use tool if damaged or faulty. Contact your local service agent.
- ✗ DO NOT use tool unless you have been instructed in its use by a qualified person.
- ✗ DO NOT position your body in line with the blade whilst cutting.
- ✗ DO NOT carry the tool by the air hose, or yank the hose from the air supply.
- ✗ DO NOT direct air from the air hose at yourself or others.
- **WARNING!** DO NOT cut any materials containing asbestos.
- ✗ DO NOT switch the tool on whilst the blade is in contact with the workpiece.
- ✗ DO NOT allow workpiece to overheat.
- ✗ DO NOT use tool where there are flammable liquids, solids or gases such as paint solvents, including waste wiping or cleaning rags etc. as any sparks generated may be dangerous.
- ✗ DO NOT touch the workpiece close to the cut surface as it may be hot. Allow to cool. The workpiece may also be very sharp.
- ✗ DO NOT operate tool if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✓ When not in use disconnect from air supply and store in a safe, dry, childproof location.

## 2. INTRODUCTION & SPECIFICATION

Quickly and easily cuts windscreen bonding. Safety throttle prevents inadvertant starting and features integral regulator for speed control. Exhaust is ducted away from work and operator. A range of optional blades is available increasing the versatility of the knife in garage and workshop. Supplied with offset straight blade and hex key.

|                    |          |
|--------------------|----------|
| Blade frequency    | 367Hz    |
| Blade size         | 57mm     |
| Air consumption    | 10.6cfm  |
| Operating pressure | 90psi    |
| Weight             | 1.4kg    |
| Inlet              | 1/4" BSP |



## 3. PREPARING TOOL FOR USE

### 3.1. Air Supply

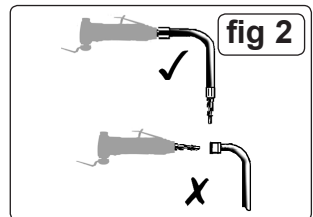
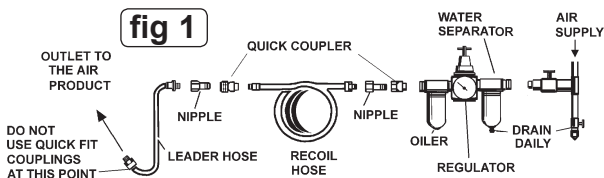
Recommended hook-up procedure is shown in fig 1.

- 3.1.1. Ensure tool air valve (or trigger) is in "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 specification.
- 3.1.3.  **WARNING!** Ensure the air supply is clean and does not exceed 90psi while operating the tool. 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 tool.
- 3.1.5. Clean air inlet filter weekly.
- 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 hose 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 tool.

To overcome this, connect a leader hose to the tool. 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

### 4.1. FITTING A BLADE

- WARNING!** Disconnect from the air supply before changing blades.
- 4.1.1. Use hex key to remove retaining screw (Item 9B on parts diagram) and retaining spacer (9A).
- 4.1.2. Place the blade onto the spindle.
- 4.1.3. Replace the spacer and screw and secure with hex key, but do not over tighten. Check that replacement blade is not damaged, (cracks, deformations etc). Also check the mounting washer to ensure it is not deformed, burred or notched.

