



# INSTRUCTIONS FOR AIR CHIPPING HAMMER INDUSTRIAL

MODEL NO: **SA120.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 the hammer from the air supply before changing accessories, servicing or performing any maintenance.
- Keep the hammer clean and maintain it 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.
- Keep the work area clean, uncluttered and ensure there is adequate lighting.
- Ensure chisels are correctly rated for the job, and **DO NOT** use damaged or suspect chisels.
- 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 hammer.
- 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.
- Secure non stable work piece 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** force the hammer to achieve a task it was not designed to perform.
- DO NOT** operate the hammer if any parts are damaged or missing as this may cause failure or possible personal injury.
- WARNING! DO NOT** cut, grind, saw, sand any materials containing asbestos.
- DO NOT** switch the hammer on whilst the chisel is in contact with the workpiece.
- DO NOT** carry the by the hose, or yank the hose 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 dealer.
- DO NOT** allow untrained persons to operate the hammer.
- DO NOT** operate the hammer when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- DO NOT** use hammer where there is flammable liquids, solids or gases such as paint solvents, including waste wiping or cleaning rags etc.
- DO NOT** leave the hammer operating unattended.
- DO NOT** carry the hammer with your finger on the power switch.
- 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, child proof area.

## 2. INTRODUCTION

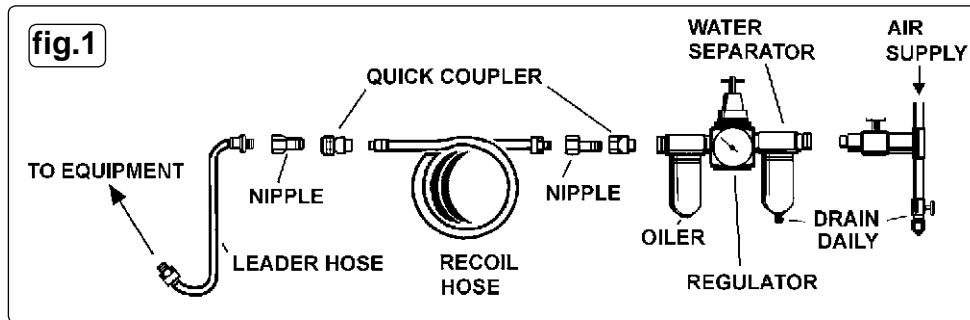
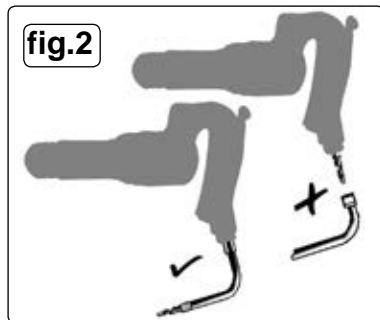
Heavy duty alloy handle with thumb actuated trigger control. Large open grip enables use of this tool whilst wearing gauntlets or gloves. supplied with chisel retaining spring. Chisel not included - order model no: SA120/F - flat chisel or SA120/P - pointed chisel.

## 3. SPECIFICATION

Model no: ..... SA120.V2  
Chisel shank size: ..... 12.7 x 47mm  
Speed:..... 3000bpm  
Stroke: ..... 20mm  
Air consumption: ..... 4cfm  
Operating pressure: ..... 90psi  
Air inlet size:..... 1/4" BSP  
Weight:..... 2.6kg  
Noise power/pressure: ..... 114/103dB(A)  
Vibration/uncertainty: ..... 20.88/3.06m/s<sup>2</sup>  
Replacement spring retainer: ..... SA120/21

## 4. AIR SUPPLY

- 4.1. The recommended hook-up is shown in fig 1.
- 4.2. Ensure the air valve is in the "off" position before connecting to the air supply.
- 4.3. You will require an air pressure of more than 6bar (90psi) , and an air volume of more than 4cfm for operating the unit.
  - ❑ **WARNING!** Ensure the air supply does not exceed 140PSI while operating the hammer. 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/or personal injury.
- 4.4. Drain the air tank daily. Water in the air line will damage the tool.
- 4.5. Clean the air inlet filter screen weekly.
- 4.6. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 10mm I.D. and fittings must have the same inside dimensions.
- 4.7. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
- 4.8. **COUPLINGS**
- 4.8.1. Vibration may cause failure if a quick change coupling is connected directly to the wrench. To overcome this, connect a leader hose to the wrench. 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

- 5.1. Ensure you have read understood and follow the safety instructions in Section 1.
- 5.2. Attach the retaining spring by holding the front end of the spring and screwing it onto the gun retainer.
- 5.3. Insert the chisel using the spring's hooked end to hold the chisel in place.
- 5.4. Attached the tool to the air supply as mentioned in Section 2.
- 5.5. To operate the hammer, squeeze the trigger.

NOTE: The air regulator may be used as a means of throttle control.

## 6. MAINTENANCE

- ❑ **WARNING!** Disconnect the hammer from the air supply before changing accessories, servicing or performing any maintenance.
- 6.1. Keep the hammer 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 oiler 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 hammer for a short time.  
When not in use, always turn off air supply.

**Note:** The following external factors may cause loss of power and effect hammer 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 stainer, if present, 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 dealer for advice.



### 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): . . . . .20.88 m/s<sup>2</sup>**

**Uncertainty value (k): . . . . .3.06 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.