

SEALEY

10-50MM CAPACITY AIR NAIL GUN

MODEL NO: SA791.V3

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 instructions



Wear eye protection



Wear protective gloves



Wear ear protection



Wear a mask



1. SAFETY

- WARNING! DO NOT** rest your finger on the trigger when picking up the tool, moving between operating areas and positions or walking, as resting finger on trigger can lead to inadvertent operation. For tools with selective actuation, always check the tool before use to ascertain the correct mode is selected.
- WARNING! This tool has either selective actuation for contact actuation or continuous contact actuation by actuation mode selectors or is a contact actuation or continuous actuation contact tool and has been marked with the symbol above (*). Its intended uses are for production applications such as pallets, furniture, manufactured housing, upholstery and sheathing. If using this tool in selective actuation mode, always ensure it is in the correct actuation setting.**
- * **DO NOT** use this tool in contact actuation mode for applications such as closing boxes or crates and fitting transportation safety systems on trailers and lorries.
- ✓ **Be careful when changing from one driving location to another.**
- WARNING! DO NOT** use the nail gun if damaged, has missing parts or is thought to be faulty. Contact your Service Agent.
- WARNING!** Never engage in horseplay with the tool.
- WARNING!** Always wear approved eye, face and hand protection when operating the nail gun. Wear a full face shield if stapling produces metal filings or wood chips.
- WARNING!** Check correct air pressure is maintained and not exceeded. We recommend 60 to 100psi.
- WARNING!** Keep hands, face, feet and all parts of the body away from the firing head at all times.
- * **DO NOT** use the nail gun for a task it is not designed to perform.
- * **DO NOT** operate the nail gun near flammable substances or flammable containers.
- * **DO NOT** use the nail gun unless you have been instructed in its use by a qualified person.
- * **DO NOT** carry the nail gun by the air hose, or pull the hose from the air supply.
- * **DO NOT** operate the nail gun if you are tired or under the influence of alcohol, drugs or intoxicating medication.
- * **DO NOT** carry the nail gun with your hand on the power trigger in order to avoid unintentional firing.
- * **DO NOT** direct the nail gun or the air from the air hose at yourself or others.
- * **DO NOT** load bent or damaged staples into the magazine.
- * **DO NOT** overreach. Keep proper footing and balance at all times. Ensure the floor is not slippery and wear non-slip shoes.
- * **DO NOT** drive staples into thin boards or near the corners of the workpiece.
- ▲ **DANGER!** When putting the nail gun down, ensure that the trigger safety slide is not fouled, risking accidental firing.
- ✓ Avoid unintentional firing. Keep fingers away from the trigger when not driving staples. **Disconnect from the air supply** especially when loading staples, when carrying the tool, handing the tool to another person, leaving the work area, making adjustments to the tool, clearing a jam or whenever it is left unattended.
- ✓ Check the safety mechanism before use. Never use the stapler unless the safety is operating properly, otherwise the stapler could drive a staple unexpectedly.
- ✓ Place the tool properly on the workpiece. **DO NOT** drive staples one on top of another or with the tool at too steep an angle. The staples could ricochet.
- ✓ Keep the work area clean and well lit.
- ✓ Keep people away from the work area.
- ✓ Maintain the nail gun in good condition and replace any damaged or worn parts. **Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.**
- ✓ Keep the air hose away from heat, oil and sharp edges. Check the air hose for wear before each use and ensure that all connections are secure.
- ✓ Follow all workshop safety rules, regulations, and conditions when using the nail gun.
- ✓ Keep children and non essential persons away from the working area.
- ✓ When not in use, disconnect from the air supply, remove the staples from the magazine and store cased in a safe, dry, childproof location.
- WARNING! The warnings, cautions and instructions in this manual cannot cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.**

2. INTRODUCTION

Professional air nailer with lightweight aluminium body and rubber grip handle. Safety trigger device to prevent accidental firing of nails.
Supplied in storage case with oiler and starter pack of nails.

3. SPECIFICATION

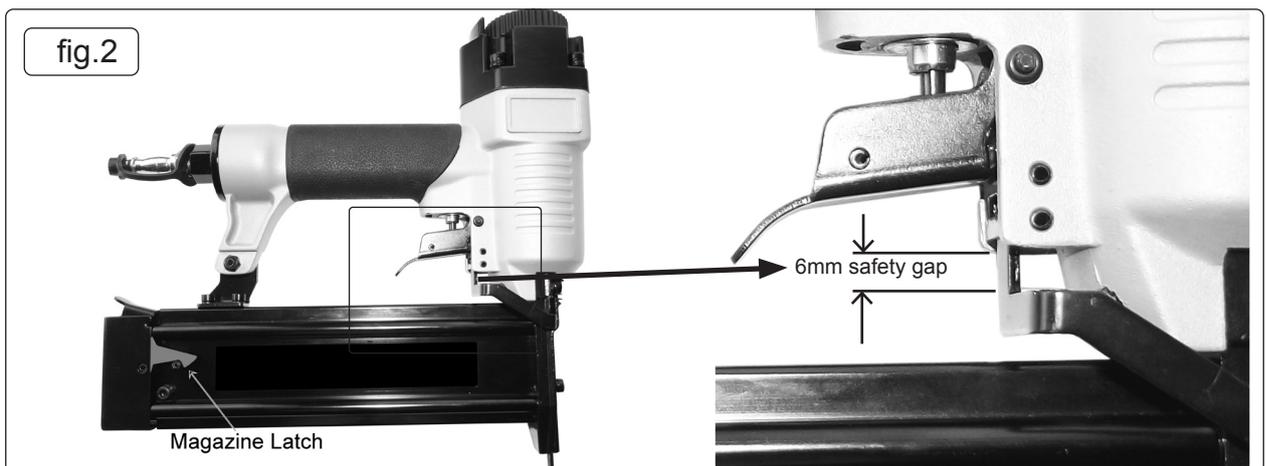
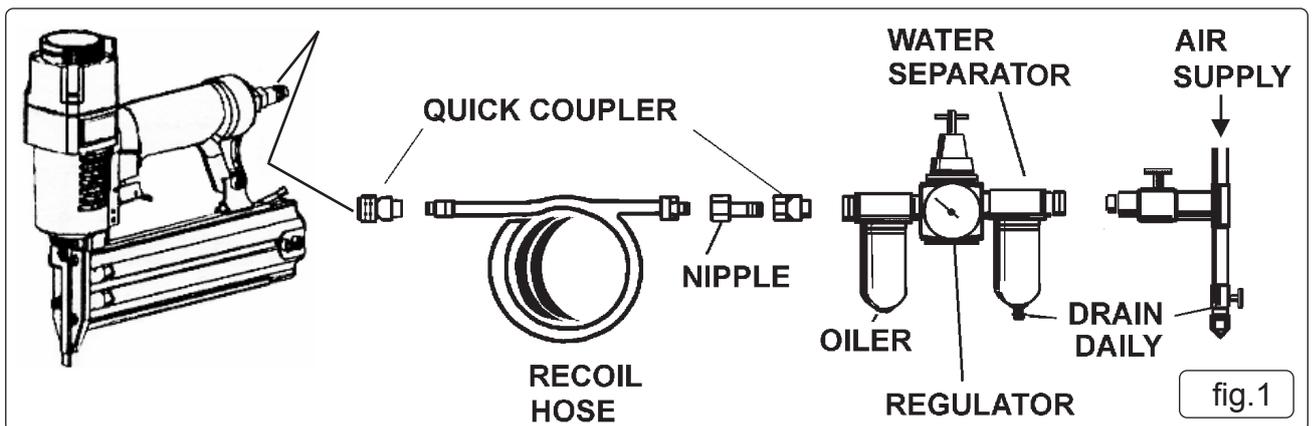
Model No:.....	SA791.V3
Nail Capacity:.....	10-50mm 18SWG
Maximum Pressure:.....	100psi
Operating Pressure.....	60-100psi
Air Inlet Size:.....	1/4" BSP
Noise Power:.....	99dB(A)
Noise Pressure:.....	92dB(A)
Vibration:.....	2.8m/s ²
Uncertainty:.....	1.5m/s ²

4. PREPARATION

- ❑ **WARNING!** Ensure the air supply is clean, dry and between 60 - 116psi while operating the nail gun. Too high an air pressure and/or unclean air will shorten the product life due to excessive wear, and may be dangerous causing damage and/or personal injury.

4.1. AIR SUPPLY

- 4.1.1. Ensure the nail gun trigger release slide is not depressed when connecting to the air supply. A gap of approximately 6mm between gun housing and catch will be evident (fig.2).
- 4.1.2. You will require an air pressure of between 60 - 100psi.
- 4.1.3. Drain your compressor air tank of water daily. Water in the air line will damage the nail gun.
- 4.1.4. Clean the compressor air inlet filter weekly. Recommended hook-up procedure is shown in fig.1.
- 4.1.5. 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.
- 4.1.6. Keep the hose away from heat, oil and sharp edges. Check hose for wear, and make certain that all connections are secure.



5. OPERATION

- ❑ **WARNING!** Ensure you read, understand and apply safety instructions before use.

- 5.1. **LOAD THE MAGAZINE BEFORE CONNECTING THE AIR LINE.** To open the magazine, hold the nail gun body with the left hand, then with your other hand, press the magazine latch lever and slide the magazine fully open. Place a "strip" of nails into the open magazine chamber, ensuring that all the nails have their points resting on the bottom of the chamber.
 - 5.1.1. Slide the magazine cover shut until it clicks into place behind the catch.
 - 5.1.2. Before connecting to an air supply, ensure that the trigger safety slide is not depressed. See the 6mm safety dimension in fig.2.
 - 5.1.3. Connect the air line to the nail gun as described in Section 4.
 - 5.1.4. The operating trigger is normally inoperable and cannot be used until the trigger safety slide is depressed. This happens automatically as you position and offer the nail gun on to the timber work piece.
 - 5.1.5. The trigger release slide can be seen protruding downwards just in front of the nail outlet (see fig.3).

5.2. SINGLE ACTUATION MECHANISM

5.2.1. For single actuation, press the safety slide against the work piece. Pull the trigger to fire the fixing. Once fired it is not possible to fire again until the trigger is released and pressed again.

5.3. "FIRE ON CONTACT" ACTUATION MECHANISM

5.3.1. For this method of operation, press the Safety slide against the work piece and pull the trigger. If the trigger is held 'on', each time the safety slide is pressed against the work-piece a fixing will be fired.

5.4. If you need to put the nail gun down during the course of working, ensure that the trigger safety slide is not depressed against any object closing the 6mm safety gap in fig.2. This would enable the trigger and possible accidental firing.

5.5. When the work is complete or when you have paused for any length of time, disconnect the nail gun from the air line.

☐ **WARNING!** Should a blockage occur, disconnect the nail gun from the air supply immediately. See trouble shooting (Section 6).

5.6. ADJUSTING NAILING PENETRATION (fig.5)

5.6.1. Disconnect the tool from the air supply and remove the nails.

5.6.2. To reduce the driven depth, turn the adjustment knob counter clockwise (fig.5.1) which will lower the safety slide tip.

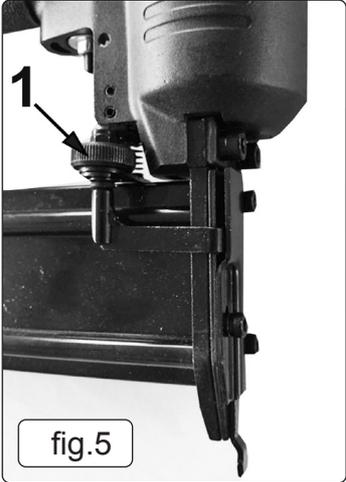
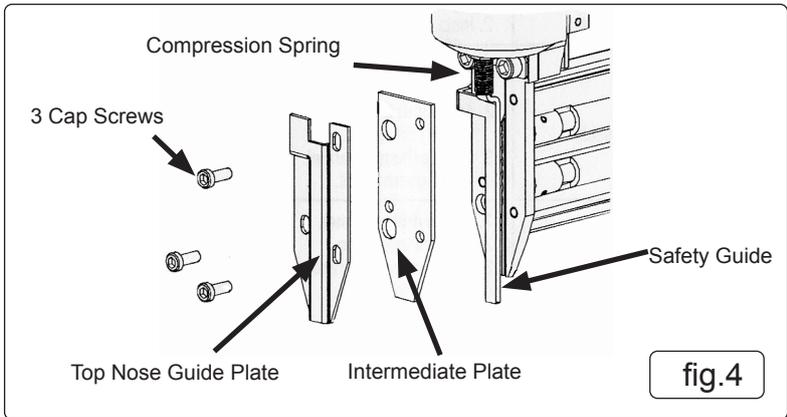
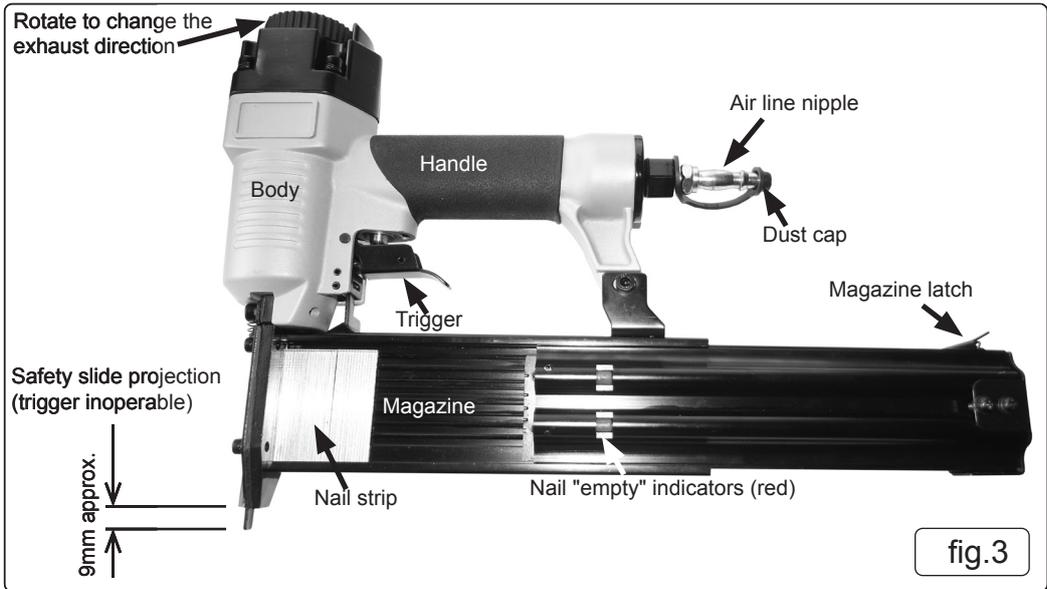
5.6.3. To increase the driven depth, turn the adjustment knob clockwise (fig.5.1) which will raise the safety slide tip.

5.6.4. Reload the nails.

5.7. ADJUSTING EXHAUST DIRECTION

5.7.1. The direction of the exhaust vent can be changed by rotating the top cover (fig.3).

☐ **WARNING!** To avoid double firing or accidental firing, **DO NOT** press the tool to the workpiece with excessive force.



6. TROUBLESHOOTING

☐ **WARNING!** Disconnect the nail gun from the air supply before refilling, servicing or performing maintenance.

6.1. LOSS OF POWER OR ERRATIC ACTION:

- 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 4.
- b) Grit or gum deposits in the wrench may also reduce performance. Flush the nail gun out with gum solvent oil or an equal mixture of SAE No 10 oil and paraffin. Allow to dry before use.
- c) Body air leaks, contact your Service Agent.

6.2. NAILING FAILURE:

- a) Magazine empty. Check for red indicators in fig.3, if red, reload with nails as described in 5.1 and 5.2.
- b) Blockage in the magazine. Disconnect from the air supply and open the magazine as described in 5.1. Remove any obstructions, check the nail strip, reload if necessary. Close the magazine as described in 5.2.
- c) Blockage in the ejector nose. Disconnect from the air supply and completely remove 3 cap screws, the top nose plate and intermediate plate in fig.4. Ensure the compression spring is retained. Clear the jam and replace all items.
- d) Nails not fully penetrating work piece. Timber hardness or knots, may be a factor. Adjust the air pressure between 60-100psi.

7. MAINTENANCE

- WARNING!** Disconnect the nail gun from the air supply before refilling, servicing or performing maintenance. Replace or repair damaged parts. *Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.*
- 7.1. If the air system does not have an oiler, lubricate the air nail gun daily with a few drops of Sealey air tool oil dripped into the air inlet. (To re-order air tool oil use Sealey part Nos. ATO500S or ATO1000S.)
- 7.2. On a weekly basis check the security of the fixings holding the driver guide plate, tighten if necessary.
- 7.3. Clear ingress with compressed air.
- 7.4. Clean the nail gun metal parts, after use with a lightly oiled cloth. Clean the handle with a mild detergent and a moist cloth.
- 7.5. For a full service contact your local Sealey service agent. .
- 7.6. When not in use, disconnect from the air supply, remove strip nails from magazine, store cased in a safe, dry, childproof location.

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): 2.8m/s²

Uncertainty value (k): 1.5m/s²

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 - 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. If you require documentation for alternative versions, please email or call our technical team on technical@sealey.co.uk or 01284 757505.

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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