

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 OR PERSONAL INJURY AND WILL INVALIDATE THE WARRANTY. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

1. SAFETY INSTRUCTIONS

- WARNING! Ensure Health & Safety, local authority, general workshop practice regulations are adhered to when using equipment.**
- WARNING! Installation site must be equipped with suitable fire extinguishers (water must not be used) and escape routes.**
- WARNING! Disconnect the air supply from the tank before changing accessories, servicing or performing any maintenance.**
- ✓ Maintain the tank in good condition (use an authorised service agent).
- ✓ Replace or repair damaged parts. Use genuine parts only. Non-authorized parts may be dangerous and will invalidate the warranty.
- ✓ Locate the tank in an adequate working area. Ensure the tank stands on a firm level surface. Keep area clean and tidy and free from unrelated materials. Ensure the area is well ventilated and has adequate lighting.
- WARNING! Ensure correct air pressure is maintained and not exceeded. Recommended pressure 2.1 - 3.5 bar (30 - 50psi).**
- ✓ 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.
- ✓ Use only water or recommended solvents as a cleaning agent, do not pour any other type of cleaning fluid into the tank.
- ✓ Keep the tank clean. Remove and clean the suction filter regularly for best performance.
- WARNING! DO NOT SMOKE and keep sources of ignition, such as heaters, lamps, etc. away from the unit, together with flammable or combustible materials, as there is an explosion risk.**
- WARNING! Wear approved safety eye protection, mask and gloves. If solvent gets on skin or in eyes wash thoroughly with water and take any other action as required by the solvent instructions.**
- ✓ Remove ill fitting clothing, ties, watches, rings and other loose jewellery, contain long hair, and wear appropriate protective clothing.
- ✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.
- ✓ Keep non-essential persons away from the working area.
- ✓ In case of fire in tank, do not attempt to move the unit or remove spray guns.
- ✗ **DO NOT** use the tank with the lid open and do not use it for spray gun testing.
- ✗ **DO NOT** use the tank for any purpose other than for which it is designed.
- ✗ **DO NOT** operate the tank if any parts are missing or damaged as this may cause failure or possible personal injury.
- ✗ **DO NOT** over-fill the tank.
- ✗ **DO NOT** direct air from the air hose at yourself or others.
- ✗ **DO NOT** operate the tank when you are tired, under the influence of alcohol, drugs or intoxicating medication.
- ✓ When cleaning is complete, ensure all controls are in the 'off' position and that the air supply is turned off.
- WARNING! It is operator's responsibility to ensure that there is no uncontrolled discharge of any fluids used with this unit and that appropriate arrangements have been made for correct disposal of waste in accordance with government/local authority regulations.**

2. INTRODUCTION & SPECIFICATION

Fully automatic operation - close lid to start and open lid to stop. Corrosion resistant tank suitable for containing water and detergent necessary for cleaning water based spray guns. Powerful and reliable piston pump system.

SPECIFICATION:	Cleans	1 pot + 1 gun
Operating pressure	2.1-3.5 bar	Width x depth x height
Air consumption	2-4 cfm	Weight
		430 x 450 x 1300mm
		26kg

3. ASSEMBLY

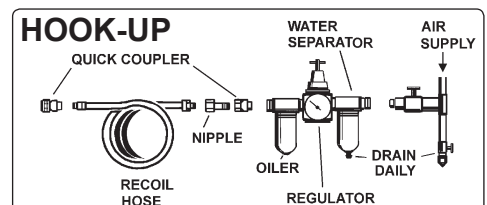
- Note:** Item numbers in brackets are those in the attached Parts Diagram. Instructions should be read in conjunction with this diagram.
- 3.1. Attach legs to cabinet with screws (63) and nuts (65) provided and fit drain valve (66) to base of tank (2).

4. AIR SUPPLY

NOTE: The air supply for the SM24/1 must be equipped with a regulator, filter/separator and oiler in order to ensure safe operation and to prolong the life of the product. These items are not supplied and must be purchased separately. Consult your local Sealey dealer for a suitable product.

For recommended hook-up, see diagram below.

- 4.1. Ensure that the air valve (20) is closed before connecting the air supply.
- 4.2. An air pressure of 1.5-3.5 bar (20-50psi), and an available air volume of 1cfm will be required to operate the unit.
- WARNING! Ensure air supply is clean and does not exceed 5 bar(70psi). Too high an air pressure and/or unclean air will shorten the product life due to excessive wear, and may be dangerous, causing possible damage and personal injury.**
- 4.3. Drain the air supply tank daily. Water in the air line will damage the unit.
- 4.4. Clean the air supply filter weekly.
- 4.5. Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose internal diameter should be 10mm and fittings must have the same internal dimension.
- 4.6. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
- 4.7. The air inlet connection is 1/4" BSP.



5. OPERATING INSTRUCTIONS

- WARNING! Ensure you follow the safety instructions. Wear approved safety gloves, goggles, mask, and suitable clothing.**
- WARNING! Before using the washer always touch a suitable earthing point to dissipate any electrostatic charge you may have.**

5.1. PREPARING TANK & ITEMS FOR CLEANING

- 5.1.1. **Water based paint.** Ensure tank drain valve (66) is closed and then pour water into the tank (2). A suitable detergent (if required) may be added. Refer to the detergent makers instructions for the correct amount of detergent to be added. Ensure that the final water level is at least 1 inch (25mm) above the pump suction strainer (59).
- 5.1.2. **Solvent based paint.** Ensure tank drain valve (66) is closed and then pour solvent into tank (2). To aid future sludge removal approximately 2 litres of water may be added, either before or after the solvent. Ensure final level is at least 1 inch (25mm) above pump suction strainer (59).
- 5.1.3. Confirm air valve (20) is closed and air supply pressure is regulated to not more than 3.5 bar (50psi). Turn on air supply.
- 5.1.4. Partially open air valve (20) and allow pump to run slowly for approx. 2 minutes to purge fluid used for manufacturer's tests.

NOTE: Lid (1) must be closed for pump to operate.

- 5.1.5. Check the spray gun to be cleaned, empty and store any excess paint for future use. For best results clean immediately after use, having removed as much residual paint as possible.
- 5.1.6. To open the spray gun for cleaning, squeeze trigger and fit trigger lock (56) as shown in fig.1.
- 5.1.7. Gun cleaning nozzle (8) may be fitted directly to manifold (6) without items (9) and (10) - 'short nozzle', or with items (9) and (10) - 'long nozzle'.

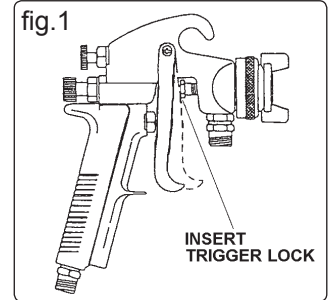
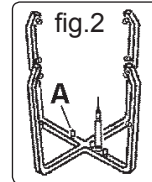
Place the spray gun into the washer as follows:

- a) Suction gun - fit suction stem over short nozzle.
- b) Gravity gun - fit paint inlet over long nozzle.
- c) Pressure gun - 2 litre - fit paint inlet over short nozzle.
- exceeding 2 litre - fit paint inlet over long nozzle.

Place pot over nozzle 'A' (fig.2 - Screen (11) omitted for clarity).

5.2. CLEANING

- 5.2.1. Ensure washer lid is closed and then fully open pump air valve (20).
The pump will now operate and expel an atomized spray through the nozzles in the cleaning tank.
 - 5.2.2. Cleaning will be complete after 45 seconds, at which time pump should be turned off by closing air valve (20).
Do not operate pump for longer than 2 minutes at any one time as this will reduce seal life.
 - 5.2.3. Open lid and remove cleaned equipment.
- NOTE: If, during cleaning, lid is opened, cleaning process will automatically stop. Close lid for cleaning to continue. DO NOT store guns in tank.



6. CLEANING AGENT CHANGE

- WARNING! It is operator's responsibility to ensure that there is no uncontrolled discharge of any fluids used with this unit and that appropriate arrangements have been made for correct disposal of waste in accordance with government/local authority regulations.**
- WARNING! Disconnect the air supply from the unit before changing accessories, servicing or performing any maintenance.**
- WARNING! Wear approved safety gloves, goggles, mask and suitable clothing.**

6.1. REPLACEMENT OF CLEANING WATER.

The number of guns that can be cleaned will depend upon the amount of residual paint which is left in the spray equipment. We recommend however that the cleaning water is changed on a regular basis to provide optimum cleaning performance and that paint sludge is removed weekly, as detailed below.

- 6.1.1. Sludge removal a) Drain 2 litres of water/sludge from drain valve (66). Close valve and add clean water to tank to bring the level up to at least 25mm above strainer.
- 6.2.2. Water change Completely drain dirty water from drain valve (66). Clean inside of tank (2) and strainer (59) before refilling with clean water. Dispose of contaminated water in accordance with local authority regulations.

6.2. REPLACEMENT OF SOLVENT CLEANER.

The number of guns the solvent can clean will depend upon the amount of residual paint which is left in spray equipment. We recommend however that the solvent is changed on a regular basis to provide optimum cleaning performance and that paint sludge is removed weekly, as detailed below.

- 6.2.1. Sludge removal a) No water added - Drain 2 litres of solvent/sludge from drain valve (66). Close valve and add clean solvent to tank to bring level up to at least 25mm above strainer.
b) Water added - Drain water until it becomes discoloured, close drain valve. Change to 'dirty solvent' receptacle, re-open drain valve and drain 2 litres of solvent/sludge. Close valve, replace water in tank and then add clean solvent to bring level up to at least 25mm above strainer.
- 6.2.2. Solvent change Completely drain dirty solvent from drain valve (66). Clean inside of tank (2) and strainer (59) before refilling with clean solvent. Store the used solvent in accordance with regulations. Wipe up any spillage immediately.

6.3. MAINTENANCE

- 6.3.1. Weekly, remove pump upper cap (45) and add grease.
- 6.3.2. Regularly check that opening the washer lid automatically stops the spray.
- 6.3.3. Regularly check and top up the oil in the air supply oiler.
- 6.3.4. Keep the outside of the unit clean.

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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