

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 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. PLEASE KEEP INSTRUCTIONS SAFE FOR FUTURE USE.

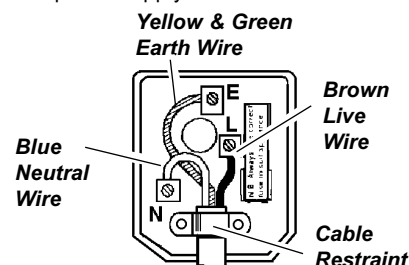
1. SAFETY INSTRUCTIONS

1.1. ELECTRICAL SAFETY

WARNING! It is the responsibility of the owner and the operator to read, understand and comply with the following:

You must check all electrical products, before use, to ensure that they are safe. You must inspect power cables, plugs, sockets and any other connectors for wear or damage. You must ensure that the risk of electric shock is minimised by the installation of appropriate safety devices. A Residual Current Circuit Breaker (RCCB) should be incorporated in the main distribution board. We also recommend that a Residual Current Device (RCD) is used. It is particularly important to use an RCD with portable products that are plugged into a supply which is not protected by an RCCB. If in any doubt consult a qualified electrician. You may obtain a Residual Current Device by contacting your Sealey dealer. **You must also read and understand the following instructions concerning electrical safety.**

- 1.1.1. The **Electricity at Work Act 1989** requires all portable electrical appliances, if used on business premises, to be tested by a qualified electrician, using a Portable Appliance Tester (PAT), at least once a year.
- 1.1.2. The **Health & Safety at Work Act 1974** makes owners of electrical appliances responsible for the safe condition of those appliances and the safety of the appliance operators. **If in any doubt about electrical safety, contact a qualified electrician.**
- 1.1.3. Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply. See 1.1.1. and 1.1.2. and use a Portable Appliance Tester.
- 1.1.4. Ensure that cables are always protected against short circuit and overload.
- 1.1.5. Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that none is loose.
- 1.1.6. **Important:** Ensure that the voltage marked on the appliance matches the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating at right.
- 1.1.7. **DO NOT** pull or carry the appliance by the power cable.
- 1.1.8. **DO NOT** pull the plug from the socket by the cable.
- 1.1.9. **DO NOT** use worn or damaged cables, plugs or connectors. Immediately have any faulty item repaired or replaced by a qualified electrician. When an ASTA/BS approved UK 3 pin plug is damaged, cut the cable just above the plug and **dispose of the plug safely.** Fit a new plug according to the following instructions (UK only).



- a) Connect the **GREEN/YELLOW** earth wire to the earth terminal 'E'.
- b) Connect the **BROWN** live wire to the live terminal 'L'.
- c) Connect the **BLUE** neutral wire to the neutral terminal 'N'.
- d) **After wiring, check that there are no bare wires, that all wires have been correctly connected, that the cable outer insulation extends beyond the cable restraint and that the restraint is tight.**

FUSE RATING
THIS PRODUCT MUST BE FITTED
WITH A
3 AMP FUSE

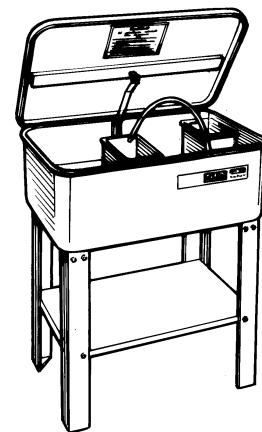
Double insulated products, which are always marked with this symbol , are fitted with live (brown) and neutral (blue) wires only. To rewire, connect the wires as indicated above - **DO NOT** connect either wire to the earth terminal.

- 1.1.10. Products which require more than 13 amps are supplied without a plug. In this case you must contact a qualified electrician to ensure that a suitably rated supply is available. We recommend that you discuss the installation of an industrial round pin plug and socket with your electrician.
- 1.1.11. If an extension reel is used it should be fully unwound before connection. A reel with an RCD fitted is preferred since any appliance plugged into it will be protected. The cable core section is important and should be at least 1.5mm², but to be absolutely sure that the capacity of the reel is suitable for this product and for others which may be used in the other output sockets, we recommend the use of 2.5mm² section cable. If extension reel is to be used outdoors, ensure it is marked for outdoor use.

1.2. GENERAL SAFETY

WARNING! Ensure Health & Safety, local authority and general workshop practice regulations are adhered to when using this equipment.

- ✓ Familiarise yourself with the application, limitations and potential hazards of the tank.
- ✓ **WARNING!** Disconnect the tank from the mains power and air supply before changing accessories, servicing or performing any maintenance.
- ✓ Replace or repair damaged parts. Use genuine parts only. Unauthorised parts may be dangerous and will invalidate the warranty.
- ✓ Ensure there are no flammable or combustible materials near the work area.
- ✓ In case of fire in tank, do not attempt to move unit or remove parts from tank. The lid is fusible and will automatically close extinguishing fire.
- ✓ **When cleaning parts ensure that nothing in the tank, including any parts basket, is in a position that would prevent the lid from closing fully if and when the fusible link activates.**
- **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!** When operating the tank always wear approved eye or face protection and appropriate protective clothing, including gloves, to prevent the cleaning agent contacting the skin.
- ✓ 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 work area.
- ✓ Avoid unintentional starting.
- ✓ Use only water soluble solvent.
- ✗ **DO NOT** overfill tank or allow fluid level to fall below pump inlet.
- ✗ **DO NOT** use the tank for a task it is not designed to perform.
- ✗ **DO NOT** operate the tank if any parts are damaged or missing as this may cause failure and/or personal injury.
- ✗ **DO NOT** allow untrained persons to operate the tank.
- ✗ **DO NOT** direct air hose at yourself or others.
- ✗ **DO NOT** operate the tank when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- ✗ **DO NOT** leave the tank operating unattended.
- ✓ When not in use switch off the pump, close the turbo valve, close the lid and disconnect from the air supply and mains power supply.



- ✓ Dispose of waste liquids in accordance with local authority regulations.
- ☐ **WARNING!** Protect the environment - **DO NOT** allow uncontrolled discharge of pollutants.

2. SPECIFICATION

Pump Output190ltr/hr
 Max. Tank Capacity50ltr
 Motor Power20W
 Power Supply230V
 Air Supply60 - 90psi (4-6 bar)

Tank Internal Depth x Length x Width245 x 695 x 475mm
 Overall Height x Length x Width860 x 820 x 535mm
 Weight25kg
 SolventModel No. AK25 & AK2501

3. ASSEMBLY INSTRUCTIONS

Note: Numbers and letters in brackets refer to items as shown in the Parts Diagram.

- 3.1. Secure lid (4) of tank (1) in closed position and turn unit upside down. *Rest tank on a clean soft surface (i.e. cardboard).*
- 3.2. Attach the four legs (21) to the tank brackets with the pan head screws, spring washers and hex nuts (22,23,24) *but do not tighten.*
- 3.3. Place the lower shelf (20) between the four legs (21) with flat surface facing downward and fix with washers, hex nuts and screws (22,23,24).
- 3.4. With the legs pressed tightly against the lower shelf, tighten all the screws commencing with those attaching the shelf.
- 3.5. Hold the lid closed and stand the assembled unit upright. Open the lid *but do not extend the lid too far.*
- 3.6. Place the tank work shelf (42) on the two welded supports located inside the tank. Place parts basket (44) on shelf.
- 3.7. Remove the self tapping screws from the cover plate of the pump unit (A) and check to see if there is any supporting packing inside, if so, remove. Replace the cover.
- 3.8. Place the pump into the tank unit and pass the switch unit through the slot in the cleaning tank side (A). As the unit protrudes through the slot secure it by placing the underside lip over the edge of the tank. Attach the flexible pipe (27) to pump (A).
- 3.9. To fit turbo valve assembly (50) remove flexible tube (E), nut (D) and one nylon washer (C).
- 3.10. Insert threaded end of turbo valve (B) through hole in side of tank and retain with washer (C) and nut (D). Refit the flexible tube (E). Check that turbo valve (B) is closed.

4. AIR SUPPLY

- 4.1. Ensure the air valve is in the "off" position before connecting to the air supply.
- 4.2. You will require an air pressure of between 10 and 25psi.
- ☐ **WARNING!** *Ensure air supply does not exceed 2 bar (30psi). Too high an air pressure will shorten the valve life and may be dangerous, causing possible damage and/or personal injury.*
- 4.3. Keep hose away from heat, oil and sharp edges. Check hoses for wear, and make certain that all connections are secure.
- 4.4. The valve input connection is 1/4"BSP.

5. OPERATING INSTRUCTIONS

☐ **WARNING!** *Wear safety clothing, eye protection and gloves and ensure you read, understand and apply the safety instructions in Section 1.*

- 5.1. Ensure the unit is located on a firm level surface in a well ventilated area and is switched off and unplugged from the mains power supply.
- 5.2. Fill the tank with Sealey solvent - approx. 50 litres maximum, 40 litres minimum, level **must** cover pump inlet. Follow the solvent instructions on the packaging.
- 5.3. Plug the machine into the power supply and switch the unit on. The cleaning agent should flow through the flexible tube.
- 5.4. Place parts to be washed into the basket, or directly into the tank. Direct solvent flow onto parts. Heavily soiled items may be left to soak before cleaning.
- 5.5. To improve cleaning and reduce pre-soak time turn on turbo valve to provide an agitating air flow into the cleaning fluid.
- 5.6. Do not leave the unit operating unattended. Check the fluid level does not fall below the pump inlet.
- 5.7. When cleaning is complete remove all parts whilst ensuring the minimum of solvent is spilt.
- 5.8. Switch off the pump and close the turbo valve, close the lid and disconnect the unit from the air and power supplies. Clean up any spillage.
- 5.9. Dispose of waste liquids in accordance with local authority regulations.

IMPORTANT! The SM20.V2 has an anti-fire device built into the unit. In the event of a fire the lid will automatically close. **DO NOT prop the lid open as this will prevent the automatic safety feature from operating.** Once actuated, the fire detection device cannot be re-used and must be replaced before next use of the tank.

- ✓ When cleaning parts ensure that nothing in the tank, including any parts basket, is in a position that would prevent the lid from closing fully if and when the fusible link activates.

6. MAINTENANCE

6. 1. Clean the inside of the tank at regular intervals and keep the main body of the unit clean.
6. 2. Regularly wash the pump filter in clean degreaser and replace if necessary.
6. 3. Ensure that all screws and bolts are kept tight.

7. DECLARATION OF CONFORMITY

<p style="text-align: center;">Parts Cleaning Tank Model: SM20.V2</p> <p style="text-align: center;">73/23/EEC Low Voltage Directive 89/336/EEC EMC Directive 98/37/EC Machinery Directive 93/68/EEC CE Marking Directive</p>	<p>Declaration of Conformity We, the sole importer into the UK, declare that the product listed here is in conformity with the following standards and directives.</p> <p>The construction file for this product is held by the Manufacturer and may be inspected, by a national authority, upon request to Jack Sealey Ltd.</p> <p style="text-align: center;"> Signed by Mark Sweetman 16th April 2004 </p> <p style="text-align: right; font-size: small;">For Jack Sealey Ltd. Sole importer into the UK of Sealey Power Products.</p>
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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 equipment.

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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