

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

#### 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.**

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 1.5mm<sup>2</sup>, 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 2.5mm<sup>2</sup> 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 application and limitations, as well as the specific potential hazards peculiar to the cleaning tank.

**WARNING!** Disconnect the cleaning tank from the mains power before changing accessories, servicing or performing any maintenance.

✓ Maintain the cleaning tank 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.*

✓ Locate the cleaning tank in a suitable working area. Ensure the washer is stood 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.

✓ Keep the cleaning tank away from heat sources such as heater, sparks, open flames etc.

✓ Keep the cleaning tank clean. Remove and clean the filter regularly for best and safest performance.

✓ Ensure there are no flammable or combustible materials near the work area.

**WARNING!** Always wear approved eye or face protection when operating the cleaning tank.

✓ Remove ill fitting clothing. Remove ties, watches, rings, and other loose jewellery, and contain long hair.

✓ Wear appropriate protective clothing.

✓ Maintain correct balance and footing. Ensure the floor is not slippery and wear non-slip shoes.

✓ Keep children and unauthorised persons away from the working area.

✓ Avoid accidental starting of the pump by ensuring the unit is unplugged from the mains power when not in use.

✓ In case of fire in parts unit, do not attempt to remove parts, or the tank. The lid is fusible and will automatically close to extinguish flames.

x **DO NOT** modify or jam the cleaning tank lid open, as this will make the fusible fire link inoperative which is dangerous practice and will invalidate the warranty and your insurance.

✓ **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.**

x **DO NOT** use any solvent with a flash point below 140°F. We recommend you use Sealey solvent, contact your local dealer for details.

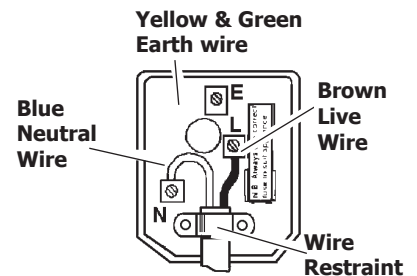
x **DO NOT** use the cleaning tank for any purpose other than for which it is designed.

x **DO NOT** use cleaning tank in wet or damp locations or areas where there is condensation.

x **DO NOT** use the cleaning tank where there are flammable liquids, solids or gases such as paint solvents, etc.

x **DO NOT** allow untrained persons to operate the cleaning tank.

x **DO NOT** overfill the cleaning tank with solvent.



#### FUSE RATING

THIS PRODUCT MUST BE FITTED  
WITH A:  
**3 Amp FUSE**

- X **DO NOT** operate the cleaning tank if any parts are missing or damaged as this may cause failure and/or possible personal injury.
- X **DO NOT** leave the cleaning tank operating unattended.
- X **DO NOT** operate the cleaning tank when you are tired or under the influence of alcohol, drugs or intoxicating medication.
- X The tank is not suitable for paint thinners, gun wash or air drying.
- ✓ When not in use switch the cleaning tank off, remove plug from the power supply.
- ✓ Dispose of waste liquids in accordance with national and local authority regulations.
- WARNING! DO NOT** allow uncontrolled discharge of fluids thus polluting the environment.
- WARNING! The warnings, cautions and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. It must be understood that common sense and caution are factors which cannot be built into this product, but must be applied by the operator.**

## 2. APPLICATION AND SPECIFICATION

### 2.1 Application

The SM40.V2 is a one-piece tank, with triple baked enamel finish and fitted with fully sealed, magnetic drive pump unit. The fluid is recirculated through replaceable filter element and directed on to the work-piece through a flexible metal delivery nozzle. The tank is of 180 litre capacity, suitable for cleaning larger engine components. The tank lid is fitted with a fusible link which automatically snaps shut in the event of fire. The unit comes with a removable shelf and parts basket.

### 2.2 Specification

Model .....	<b>SM40.V2</b>
Overall Height.....	890mm
Tank Height .....	270mm
Tank Width.....	520mm
Maximum Length.....	1090mm
Pump Output/Hour .....	200ltr
Motor Power .....	25W
Power Supply .....	230V
Weight .....	42kg
Maximum Working Capacity.....	80ltr
Minimum Working Capacity.....	57ltr

## 3. ASSEMBLY

### 3.1 Unpacking

- 3.1.1 Check the contents in the course of unpacking the cleaning tank. Should there be any damaged or missing parts contact the supplier immediately.

### 3.2 Assembly

- 3.2.1 Open carton and remove lower shelf. Open lid and remove the pump housing set, form the inner box, parts basket and legs from the tub. Close lid of tub and close carton flaps.
- 3.2.2 Carefully turn the carton with unit upside down (in order to protect against scratching the unit) and open the bottom of carton.
- 3.2.3 Assemble legs to the brackets on the bottom of the tub with pan screws, spring washers and hex nuts, (hand tight only).
- 3.2.4 Set the lower shelf between the four legs and fix with pan screws, spring washer and hex nuts. Level the shelf and tighten screws.
- 3.2.5 Now tighten the leg screws and turn assembled unit up correct way onto its legs and remove the outer carton.
- 3.2.6 Position unit according to safety instructions in chapter 1.
- 3.2.7 Open lid and place the electrical pump housing through the rectangular hole on the side of tub.
- 3.2.8 Place the work shelf onto the two welded supports inside the tank.
- 3.2.9 Screw the 90° connector into the welded bolt on pump housing, then fit the tube to the 90° connector.
- 3.2.10 Check that the tank drain plug is correctly inserted and tightened.
- 3.2.11 Place the parts basket on work shelf. Check your installation to ensure the unit is ready for use.

## 4. OPERATING INSTRUCTIONS

- WARNING! Ensure you have read, understood and apply chapter 1 safety instructions before using the cleaner.**

- 4.1. Check that the pump power switch is in the off position, and that the unit is unplugged from the mains power supply.
- 4.2. Fill the tank to appropriate capacity with Sealey solvent, or a general purpose degreaser (contact your local dealer for supply). **DO NOT** use any other type of solvent.

**CAUTION! Ensure you follow any instructions provided with the solvent.**

- 4.3. Plug the washer into the mains power supply and switch the unit on. Check that solvent flows freely through the flexible spigot.
- 4.4. Place parts to be cleaned into the cleaning basket. Direct spray nozzle onto parts. Ensure any splash back stays inside the tank. If not reposition the spray nozzle. For ground-in marks, leave the parts to soak in the bottom of the tank. Brush parts with cleaning brush if required. Turn off the pump and leave the parts to drain either in the basket or, if too large, on the shelf.

- 4.5. When complete turn the washer off and unplug from the mains power supply.

- WARNING! DO NOT** allow uncontrolled discharge of fluids thus polluting the environment. Dispose of waste liquids in accordance with local authority regulations.

- 4.6. Keep the cleaning tank clean. Remove and clean the filter regularly for best and safest performance.

- WARNING! 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.**

**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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