



MOBILE PARTS CLEANING TANK 50LTR

MODEL NO: SM28

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 goggles



Wear protective gloves



Wear protective clothing



Wear a mask



No open flame



Flammable

1. SAFETY

1.1. ELECTRICAL SAFETY

- ❑ **WARNING!** It is the user's responsibility to check the following:
Check all electrical equipment and appliances to ensure that they are safe before using. Inspect power supply leads, plugs and all electrical connections for wear and damage. Sealey recommend that an RCD (Residual Current Device) is used with all electrical products. You may obtain an RCD by contacting your local Sealey stockist.
If the product is used in the course of business duties, it must be maintained in a safe condition and routinely PAT (Portable Appliance Test) tested.

Electrical safety information, it is important that the following information is read and understood.

Ensure that the insulation on all cables and on the appliance is safe before connecting it to the power supply.

Regularly inspect power supply cables and plugs for wear or damage and check all connections to ensure that they are secure.

Important: Ensure that the voltage rating on the appliance suits the power supply to be used and that the plug is fitted with the correct fuse - see fuse rating in these instructions.

- ✗ **DO NOT** pull or carry the appliance by the power cable.
- ✗ **DO NOT** pull the plug from the socket by the cable.
- ✗ **DO NOT** use worn or damaged cables, plugs or connectors. Ensure that any faulty item is repaired or is replaced immediately by a qualified electrician.

This product is fitted with a BS1363/A 13 Amp 3 pin plug.

If the cable or plug is damaged during use, switch off the electricity supply and remove from use.

Ensure that repairs are carried out by a qualified electrician.

Replace a damaged plug with a BS1363/A 13 Amp 3 pin plug. If in doubt contact a qualified electrician.

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'.

Ensure that the cable outer sheath extends inside the cable restraint and that the restraint is tight.

Sealey recommend that repairs are carried out by a qualified electrician.

Cable extension reels. When a cable extension reel is used it should be fully unwound before connection.

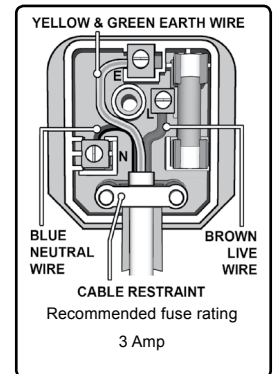
A cable reel with an RCD fitted is recommended since any product which is plugged into the cable reel

will be protected. The section of the cores of the cable is important and should be at least 1.5mm², but to be absolutely sure that

the capacity of the cable reel is suitable for this product and for others that may be used in the other output sockets, we recommend the use of 2.5mm² section cable.

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 applications, limitations and potential hazards of the cleaning tank.
- ❑ **WARNING!** Disconnect the cleaning tank from the mains power 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.*
- ❑ **WARNING! DO NOT** modify the lid or jam it open. Keep the lid and holding screws in place, tight and in good working order.
- ✓ Locate tank in a suitable work area and keep area clean and tidy and free from unrelated materials. Ensure there is adequate lighting.
- ✓ Ensure there are no flammable or combustible materials near the work area.
- ✓ In case of a fire in the tank, **DO NOT** attempt to move unit or remove parts from tank. The lid is fusible and will automatically close, extinguishing the fire.
- ✓ **When cleaning parts ensure that nothing in the tank 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.
- ✓ Use only water soluble solvent.
- ❑ **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.
- ✗ **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** 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 tank, close the lid and remove the plug from the power supply.
- ✓ Dispose of waste liquids in accordance with local authority regulations.
- ☐ **WARNING!** Protect the environment - **DO NOT** allow uncontrolled discharge of pollutants.
- ✓ Keep the tank clean for the best and safest performance.

2. INTRODUCTION

Heavy duty one-piece tank. Fully sealed electric motor with magnetic drive pump unit. Lid features self-latching fusible link which automatically snaps lid shut in the event of fire. Includes removable shelf and small parts basket. Flexible metal nozzle directs solvent over work. Stand fitted with four Ø100mm castors for easy manoeuvrability, two of which are lockable.

3. SPECIFICATION

Model no	SM28
Max. working capacity	50ltr
Min. working capacity	40ltr
Motor power	25W
Weight	26.82kg
Dimensions (W x D x H)	810 x 540 x 898mm
Tank dimensions	810 x 540 x 260mm
Pump output/hr	200ltr
Supply	230V
Degreasing solvent emulsifiable 20ltr	AK20
25ltr	AK25
Degreasing solvent 25ltr	AK2501
20ltr	AK2001

4. ASSEMBLY

Refer to Parts List

- 4.1. Remove parts from packing and take items out of the tank. Before assembly check parts to ensure they are complete and not damaged.
- 4.2. Close lid (4) of tank (1), gently turn unit upside down. *Rest tank on a clean soft surface (i.e. cardboard) ensuring lid is secured in the closed position.*
- 4.3. 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.*
- 4.4. Place the lower shelf (20) between the four legs (21) with flat surface facing downward and fix with screws, washers and hex nuts (22, 23, 24).
- 4.5. With the legs pressed tightly against the lower shelf, tighten all the screws commencing with those attaching the shelf.
- 4.6. Fit one castor wheel assembly (47) to each rear leg, and one lockable wheel (46) to each of the front legs, and secure in place with a nut (48) and washer (49) on each.
- 4.7. Hold the lid closed and stand the assembled unit upright. Open the lid *but do not extend the lid too far.*
- 4.8. Place the tank work shelf (42) on the two welded supports located inside the tank.
- 4.9. Remove the self tapping screws (35) from the cover of the pump unit and check to see if there is any supporting packing inside. If so, remove the supporting packing and replace the cover and tighten the screws.
- 4.10. Place the pump into the tank unit and pass the switch unit through the slot in the cleaning tank side. 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 the pump.

5. OPERATION

- ☐ **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. Ensure the castors are locked once in position.
 - 5.3. Fill the tank with solvent (see below), tank capacity is 50 litres. Minimum level must cover pump inlet, approximately 40 litres. Follow the solvent's safety instructions on its packaging.
 - 5.4. Plug the unit into the mains power supply and switch the unit on. The cleaning agent will flow through the flexible tube.
 - 5.5. 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.
 - ✗ **DO NOT** leave the unit operating unattended. Check the fluid level does not fall below the pump inlet.
 - 5.6. When cleaning is complete, remove all parts, whilst ensuring the minimum of cleaning agent spillage.
 - 5.7. Switch off the unit, close the lid and disconnect the unit from the mains power supply. Clean up any spillage.
 - 5.8. Dispose of waste liquids in accordance with local authority regulations.
- IMPORTANT!** The SM28 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.**
- 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.
- Once actuated, the fire detection device cannot be re-used and must be replaced before further use.

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 it if necessary.
- 6.3. Ensure that all screws and bolts are kept tight.



WEEE REGULATIONS

Dispose of this product at the end of its working life in compliance with the EU Directive on Waste Electrical and Electronic Equipment (WEEE). When the product is no longer required, it must be disposed of in an environmentally protective way. Contact your local solid waste authority for recycling information.



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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