Matrix Cleaning Systems

USER MANUAL

Professional Steam & Detergent Cleaning Machine

Original Instructions for Model:

SD8



Warning Do not operate this appliance before reading and understanding these instructions. Always keep the instructions attached to the appliance or readily available at the appliance storage site.

Version: 11200009

Please recycle all packaging material. Do not throw away into household waste

Safety Instructions

Please read and comply with these safety instructions prior to using the machine. Retain this document for future reference. These instructions are also available on our website www.matrixcleaningsystems.co.uk

Warnings and information plates on the machine provide directions for safe operation.

Apart from the instructions provided please observe any legislation for prevention of accidents in the country/place of use.

Symbols used throughout the safety instructions and on the machine

Danger - Immediate danger that can lead to severe injuries or death

Warning - Possibly dangerous situation that could lead to severe injuries or death

Caution - Danger that can lead to minor injuries or damage



- **Do not touch surface may be hot**



- **Do not point or spray toward people, animals or any electrical appliances**

Operation Warnings:

- Only to be used by persons trained in its correct operation and in a safe manner and should never be left unattended. Children should be supervised to ensure they do not play with the machine.
- The machine should not be used by children or persons with reduced physical, sensory or mental capabilities or lack of experience or knowledge.
- This machine is intended for use in a commercial cleaning environment. If you do not follow the instructions contained in this manual, situations may arise which may be dangerous or harmful to the machine or the person operating the machine. Read this manual carefully so that you know when such situations can arise.
- Report any problems or damage to the machine immediately to the supplier or a Matrix approved supplier for this product. **Do not** operate the machine until the problem or damage has been resolved.

Safety Instructions



Intended Use

- The machine is manufactured and designed to generate steam and vacuuming any spilled liquids and solids which may be experienced whilst using the machine.
- Wear safety shoes and gloves and any other PPE as specified by local regulations.
- It is not intended to pick up any hazardous/flammable dust or liquid.
- The appliance is suitable for commercial use e.g. in hotels, schools, hospitals, factories, shops, offices and hire shops.
- Any other use is considered as improper use. Matrix Cleaning Systems Ltd accepts no liability for any damage resulting from such use. The risk is solely borne by the user.
- Proper use also includes correct operation, service and repair specified by Matrix.

Transport and Storage



Danger

- Before transporting make sure all the lids are on and fully tightened or locked in place.
- Only transport and use in an upright position, do not tilt or lie on its side.
- Protect the unit from rain and frost. Do not store outside or use in the rain.



Danger

- The voltage specified on the type plate must correspond to the voltage of the electrical source.
- It is recommended that the machine is connected via a residual current circuit breaker with overprotection switch (max 30mA for 30ms).
- Please use the mains cable provided by the manufacturer and check for damage regularly. If the cord becomes damaged please contact your Matrix distributor for replacement (using part code: 11RM00061 for UK plug and 11RM00062 for EU Plug) prior to using the machine again.
- Inadequate extension cords can be dangerous. If an extension cord is used, it should be suitable for outdoor use and the connection has to be kept dry and off the ground by at least 60mm.
- Turn off and remove the plug from the power source when replacing parts or cleaning the machine.

Appliance Socket



Caution

- The appliance socket is only designed for the purposes defined in the operating instructions. The connection of different appliances can result in damage.
- Prior to plugging in the hose, switch off the machine and only use the hoses as specified by the manufacturer.
- The machine has a pressure release valve built into the unit which will open if the machine pressure ever gets too high. This will release from the bottom of the machine, if this happens please contact your supplier or Matrix for repair or information
- If liquid or foam escapes from the machine, switch off immediately and contact the distributor or Matrix direct.

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Operating Procedures

1. Fill the cold water tank with **clean cold** water only.
   Anything other than clean cold water used in the water tank will void the manufacturer's warranty.

2. Fill the detergent tank with Matrix approved detergent.
   Unapproved detergent may be harmful or dangerous to the machine or the operator using the machine. This may cause irreparable damage to seals and will void the manufacturer's warranty. Any detergent used must be non-caustic and safe to use with steam. Please contact the manufacturer of the detergent if there is any uncertainty.

3. Connect the Steam Hose to the front of the machine ensuring it is pushed in all the way and the pin on the flap locks into the hole on the hose.
   Grease "O" rings on steam pin before connecting.
   To release the steam hose, lift the flap and pull.

4. Plug the power cable into a 240 Volt supply.
   Inspect the electric cable before every use. If the cable becomes damaged at any time the complete cable must be replaced by a Matrix approved distributor.
   Never touch the power cable or plug with wet hands
   Always unplug the machine when
   - **The machine is not in use**
   - **Cleaning the machine**
   - **Any maintenance work is being carried out**

5. Switch the On/Off switch to the ON position. The Heater On light LED will illuminate.

6. Allow approximately 10 minutes for the boiler to heat the water

7. When the Steam Ready LED illuminates the machine is ready to be used.

8. The handle controls are now active.
   - The black rocker switch on the hose handle will release steam when pressed

9. The steam output can be adjusted by the steam control knob

10. Choose and fit the required accessory to the hose handle. For more information on various cleaning tasks and tools to use please visit our website www.matrixcleaningsystems.co.uk.
    When changing accessories during use please note these will be hot!!

During Use

Cold Water Tank Empty

1. Refill the cold water tank when the refill cold water LED is illuminated. A buzzer will sound and the steam will no longer come out of the nozzle when the steam switch on the handle is pressed.

2. **Always empty the collection tank each time the cold-water tank is refilled.**

3. The pumps will not work when the cold-water tank is empty.

4. Once the cold water refill LED is illuminated the boiler heater will remain on for 30 minutes. If the cold-water tank is not refilled within 30 minutes and the machine is left powered on the boiler heater will switch off.

Detergent Tank Empty

1. If the detergent does not come out of the nozzle when the detergent switch on the handle is pressed, refill the detergent bottle

Storing the Hose after Use

1. On completion remove the hose from the front of the machine and store in basket/bag provided, once cooled.

Safety Precautions



Warning

This machine is to be used by trained operatives only

DO

- Check the cable and plug are safe and intact before plugging the machine in.
- Place cleaning in progress signs where necessary
- Point the steam nozzle away from your body during use
- Empty and clean machine after each use

DON'T

- Use the machine near people, children or animals
- Point steam at electrical apparatus
- Use the machine to clean the machine down
- Do not use on Velvet, satin or leather
- Leave the machine unattended

Maintenance



Warning - Disconnect the machine from the mains before cleaning or carrying out any maintenance work.

Daily Maintenance

To be carried out every day or every 8 hours of operation.

1. Grease “O” rings on the steam pin in the steam hose.
2. Wipe down the body of the machine with a clean damp cloth
3. Always wash the accessories in hot soapy water
   DO NOT IMMERSE THE MACHINE OR HOSE IN WATER
4. Wrap the power cable around the handle before storage.

Weekly Maintenance

To be carried out every week or every 50 hours of operation.

As for daily maintenance plus the following:

1. Inspect the power cable for any signs of damage. If damaged do not repair, contact the supplier of this product. Do not use until repaired.
2. Inspect the hose assembly for any signs of damage. If damaged do not repair, contact the supplier of this product. Do not use until repaired.
3. Inspect castors to ensure all securing bolts are fully tightened.

Service & Guarantee

Service

If you require a service or advice on using or maintaining your machine please contact your Matrix approved distributor. If in doubt, please contact Matrix Cleaning Systems direct on +44 (0) 1772 431906.

Guarantee

Matrix Cleaning Systems guarantees that if within 24 months from the date of purchase this appliance, or any parts thereof, is proved to be defective by reason of faulty workmanship or materials. Please contact the supplier you purchased from, and at their option repair or replace the same free of charge for labour and materials, provided that:

- The appliance has been installed and used in accordance with our operating and servicing instructions.
- If the appliance has been serviced, maintained, repaired, modified taken apart or tampered with by any person not authorised by us, then we will not be liable under this guarantee for any fault arising from their defective workmanship.
- We shall not be liable under this guarantee for any fault in the appliance arising from the use of spare parts not supplied and recommended by us.
- Excluded from this guarantee are parts that need replacement due to normal wear and tear such as hoses, nozzles and accessories.

Technical Information

Boiler

Wattage	3000W – (2000+1000)
Type	Stainless Steel
Capacity	3.3 Litres
Continuous Fill	Yes
Steam Pressure	8 Bar
Steam at source	185°C >

Electrical

Voltage	240V ~ single phase
Low Voltage Controls	5V
Cord length	10m
Nominal input power	3000 watts
Hand-arm Vibration Level	<2.5m/s

Capacities

Boiler	3.3 Litres
Cold Water Tank	5 Litres (easy fill)
Detergent Tank	5 Litres (easy fill)

Dimensions

Height	74cm
Height with handle & basket	97cm
Depth	50cm
Depth with handle & basket	70cm
Width	45cm
Net Weight	40kg
Package height	80cm
Package depth	81cm
Package width	53cm
Package gross weight	47 kg

Trouble Shooting

Symptom	Possible Cause	Action Required
No Power	Faulty wall socket or not connected	Check connection to wall socket and socket switch. Try other wall socket
	On/Off switch not illuminated	Press to the On position
	Fuse Blown	Replace fuse with approved 13A fuse (UK machines only)
	Unknown	Call for service
No Steam	Steam Control turned down fully clockwise	Turn the control half way
	Steamer not ready	Wait for the “Steam Ready” light on the front of the machine to illuminate
	Clean water tank is low (Beeping Sound & “Refill Clean Water” light is illuminated)	Pour CLEAN COLD WATER into the clean water tank. The beeping will stop. Await for the “Steam Ready” light to illuminate.
	Unknown	Call for service
No Steam, Just Water	Steamer not ready	Wait for the “Steam Ready” light to illuminate
	Boiler at pressure and not heating (temperature less than 110 ºC	Hold the steam switch on for approximately one minute, even if just water is coming out. This will result in the heater coming back on
	Unknown	Call for service
Steam Leaking from front socket	“O” Rings split	Change and re grease “O” Rings. To avoid this happening ensure “O” rings are grease before every use
	“O” rings worn	Change and re grease “O” Rings. To avoid this happening ensure “O” rings are grease before every use

Symptom	Possible Cause	Action Required
No detergent	Solution tank empty	Pour cleaning solution diluted in accordance with the manufacturer's instructions into the solution tank.
	Unknown	Call for service
CLD on display	Machine frozen or ambient temperature is below 3 ºC	Place machine in a warmer environment for an hour and then turn on the machine again. If the problem persist call for service
Pft on display	Boiler/pump fault	Call for service

References and Useful Links

EOS Setting Up Videos

- YouTube: https://youtu.be/UfohhuDZPrc

- Matrix Website: http://www.matrixcleaningsystems.co.uk/sdv8/ (Click SET UP VIDEO tab)

Data Sheets

Machine

- http://www.matrixcleaningsystems.co.uk/sdv8/ (Click DATA SHEET tab)

Grease

- http://www.matrixcleaningsystems.co.uk/wp-content/uploads/2017/03/GREASE-DATA-SHEET.pdf

Chewing Gum Removal Detergent

- Concentrate: http://www.matrixcleaningsystems.co.uk/wp-content/uploads/2017/03/CHEWING-GUM-REMOVER-CONCENTRATE-Rev-1-080515-00000003.pdf

WB FLOOR MACHINES

SALES · SERVICE · HIRE

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Serial number label affixed below: Please record in the space below the listed information for future reference:

Serial number as the label above: ……..

Date of purchase: ……..

Purchased from: ……

……

……