



OPERATING INSTRUCTIONS

Scrubber dryer

SWM50E



Please read this manual before using the product and follow the instructions it contains!

GENERAL

Foreword	3
Safety instructions	3
Technical data	3
Overview of main components	4
Instruction manual	4
Recharging and replacing the battery	5

MAINTENANCE

Maintenance	6
Servicing	7
Troubleshooting	7
Service & Contact	7
UKCA Declaration of Conformity	8

FOREWORD

Congratulations on the purchase of your new SWM50E cordless scrubber-dryer. This easy to use cleaning machine removes dirt and grime from various floor surfaces with ease. It has been manufactured from high quality materials, specially designed for long lasting and reliable use. To ensure correct operation of the battery powered scrubber-dryer, please read this manual carefully before use.

It is best to keep these operating instructions. Check the cleaning device for transport damage.

The scrubbing machine is used for cleaning solid floor surfaces. Please observe the load capacity of the surface to be cleaned to avoid pressure marks and other damage to the surface. The operator is responsible for ensuring correct use by trained and authorized personnel.

SAFETY INSTRUCTIONS

- Use the machine indoors only. Do not expose the machine to precipitation.
- Only allow trained personnel to operate the scrubbing machine.
- Use only original spare parts and accessories for maintenance and repair
- Charge the batteries in a dry and well ventilated room. Escaping gases can ignite in a confined space. Therefore, do not cover the ventilation when charging.
- Switch off the device before maintenance or repair and disconnect the battery terminals. The installed motors and moving parts can cause injuries.
- Battery acid can cause injuries to skin and eyes. Wear appropriate protective clothing when handling the batteries.
- Keep electrical parts away from moisture and do not touch electrical parts with wet hands.
- Keep loose clothing and hair away from moving parts.
- Make sure that the main switch is set to off before changing the pad or brush.
- Use the machine only when in full possession of your mental powers.
- Only park the machine on level ground.
- Do not place the device in rooms where temperatures may fall below freezing point, as this will damage the nozzles and lines.
- Modifications and changes to the device not approved by the manufacturer will void the warranty.

TECHNICAL DATA

GENERAL

Type	Unit	Value
Model		SWM50E
Dimensions	mm	1275 x 775 x 960
Width wiper bar	mm	762
Diameter brush	mm	490
Total weight	kg	149
Fresh water tank	l	45
Waste water tank	l	50
Tyres		Hard rubber
Detergent		Neutral / alkaline multi-purpose automatic cleaner

BATTERY

Type	Unit	Value
Battery type		Lead gel
Maintenance free		Yes
Number		2
Rated capacity	Ah	100
Rated voltage	V	2 x 12
Service life	h	4
Charging time	h	8
Weight	kg	2 x 33.5

POWER

Type	Unit	Value
Cleaning performance	m ² /h	2200
Brush rotation speed	rpm	200
Brush pressure	kg	25
Brush motor power	W	550
Suction motor power	W	550
Volume	dB (A)	± 78

OVERVIEW OF MAIN COMPONENTS

No.	Description
1	Handle
2	Control panel
2a	Hour display
2b	Battery indicator
2c	Switch for brush motor
2d	Switch for suction engine
2e	Switch for fresh water supply
2f	Keyhole
3	Wiping strips handle
4	Brush pedal
5	Shaping wheel
6	Fixing screw for wiper strip
7	Wiper bar
8	Screw for wiper balde inclination
9	Water level indicator
10	Battery
11	Frame
12	Valve for spray water quantity
13	Wheel
14	Brush / Pad
15	Splash guard
16	Fresh water tank
17	Fresh water tank lid
18	Waste water hose
19	Waste water tank
20	Fresh water hose
21	Vacuum hose



INSTRUCTION MANUAL

LOWERING AND LIFTING THE BRUSH

1. Gently press the brush pedal (4) to release the brush and allow it to move slowly upwards to lower the cleaning brush.
2. Press the brush pedal (4) until it locks into place to lift the brush.

LOWERING AND LIFTING THE WIPER BAR

1. Press the lever down to lower the wiper bar.
2. Pull the lever upwards to lift the wiper bar.

ADJUSTING THE WATER QUANTITY

1. Turn the valve for spray water quantity (12) clockwise to reduce the spray water quantity.
2. Turn the valve for spray water quantity (12) counterclockwise to increase the spray water quantity.

SWITCHING ON THE MACHINE

1. Turn the key in the keyhole (2f) to start the machine.
2. Check the battery charge.
3. Press the switches one after the other to activate the motors for the brush, suction and fresh water supply.

CLEANING WITH THE MACHINE

1. Lower the brush and wiper bar.
2. Set the required water quantity.
3. Switch on the machine and activate the motors one after the other.
4. Run the machine over dirt to remove it. The brush removes the dirt from the surface. The wiper bar sucks the loosened dirt together with the water from the surface.
5. If water remains on the floor, switch off the water supply of the machine and drive over the water collection again with the suction motor switched on.



The motors can be switched on individually and allow wet and dry cleaning of different surfaces.

RECHARGING AND REPLACING THE BATTERY

BATTERY CHANGE

1. Remove the hoses (20, 21) from the waste water tank (19)
2. If necessary, empty the waste water tank and lift it out of the machine.
3. Remove the wiring from the batteries.
4. Lift the two batteries out of the housing and insert new batteries. Make sure that the batteries are positioned correctly.
5. Reconnect the battery wiring as shown in the picture and put the battery pole protectors over the battery contacts.
6. Put the waste water tank back on the machine housing.



When changing the battery, be sure to connect the red end of the cable (+) to the red contact of the battery and the black end (-) to the blue contact of the battery.



CHARGING THE BATTERIES

1. For better ventilation of the batteries during the charging process, remove the waste water tank.
2. Connect the charging cable of the charger to the socket at the rear of the machine and the other connection to a 230 V socket.
3. The charger automatically starts charging the machine.
4. The charger indicates the current battery status of the device with the flashing light.

BATTERY LEVEL INDICATOR

The charger of the SWM50E is equipped with a battery level indicator.

Color	Battery charge
Red	0 - 50 %
Yellow	50 - 75 %
Green	75 - 100 %

The machine itself also has a battery status display with 5 levels.

Number of lights	Battery charge
1 light	0 - 20 %
2 lights	20 - 40 %
3 lights	40 - 60 %
4 lights	60 - 80 %
5 lights	80 - 100 %



MAINTENANCE

INSTALLING THE WIPER BAR

1. Put the wiper strip handle (3) in the upper position and fix it there.
2. Guide the wiper strip to the suspension of the swivel arm and thread the screws into the recesses.
3. Tighten the fixing screws of the wiper strip (6) hand-tight.
4. Plug the fresh water hose (20) onto the nozzle of the wiper bar. Make sure that it is firmly seated.

REPLACING THE CLEANING BRUSH

1. Lift the cleaning brush (14) by stepping on the brush pedal (4) at the rear of the machine.
2. Remove the splash guard (15), which is located above the brush.
3. Turn the cleaning brush clockwise to release it.
4. Take the new cleaning brush / pad and put it under the plate.
5. Turn the cleaning brush counterclockwise to attach it to the plate.
6. Put the splash guard back on.

FILLING THE FRESH WATER TANK

1. Open the filler cap of the fresh water tank (17).
2. Fill the fresh water tank (16) with the required amount of fresh water. The tank holds a maximum of 45 L.
The fill level can be read off the water level indicator (9).
3. Add a cleaner.

EMPTYING THE WASTE WATER TANK

1. Move the machine to a manhole cover or other drain for waste water.
2. Disconnect the waste water hose (18) from the machine.
3. Hold the end of the waste water hose directly over the drain and open the flap.
4. If necessary, tilt the machine to empty the waste water tank (19) completely.

SERVICING

DAILY MAINTENANCE

1. Empty the waste water tank and rinse it with clean water. Leave the opening to the vacuum hose (21) open to vent it.
2. Remove the wiper strip, rinse and dry it. Check the pipe for dirt or deposits.
3. Clean the tops of the batteries with an ammonia-based window cleaner.
4. Charge the batteries as described.

MONTHLY MAINTENANCE

1. Lubricate the lifting mechanisms with light oil.
2. Check whether the clutch disc, brushes, linings or squeegee blades are worn or damaged.
3. Clean the battery terminals.
4. Check the electrical connections and reattach them if they are loose.
5. Clean the machine with an all-purpose cleaner.

TROUBLESHOOTING

Problem	Cause	Solution
Water is not sucked in	The suction engine is not switched on	Switch on the vacuum motor
	Water filter is full	Clean the filter
	The waste water tank is full	Empty the waste water tank
	Wiper bar or vacuum hose is blocked, broken or disconnected	Check all connectors and hoses on the machine
	Seal on vacuum hose is not inserted correctly	Insert the seal into the machine correctly
	Wiper lips are incorrectly aligned	Check the alignment of the wiper lips
	Suction bar pressure is not sufficient	Adjust the print
	The swivel arm mechanism does not work	Check the moving parts of the swivel arm
Wiper bar leaves stripes	There are small stones on the wiper lip	Clean the wiper lips with a cloth
	The wiper lips are porous or damaged	Replace the wiper lips
	Floor is not properly swept before cleaning	Sweep the Floor before cleaning with the machine
The batteries cannot be charged	The batteries are damaged	Batteries must be replaced
	The charger is damaged	Charger needs to be serviced or replaced
	The battery is deeply discharged	Charge the batteries longer. Replace the batteries
The floor is not scrubbed or stripped properly	Brush motor is damaged	Have the machine serviced
	Excessive wear of the brush	Replace the brush
	The vehicle is driven too fast over dirty areas	Drive slowly over particularly dirty areas

SERVICE & CONTACT

Contact our product experts and find help and solutions for your product. Here you will find all contact information listed by country and language: www.topregal.com/en/service

Responsible for the content:

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UKCA Declaration of Conformity

The manufacturer

TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA

hereby declares that the following product

Product name:

Scrubber dryer with battery

Type:

SWM50E

Serial number:

SWM50E-1000000000 - SWM50E-9999999999

that the equipment is in conformity with the following relevant UK legislations and applied standards:

2006/42/EC Machinery Directive

2014/35/EU Low Voltage Directive

2014/30/EU Electromagnetic Compatibility Directive

EN ISO 12100

EN 60335-1+A13

EN 60335-2-72

EN 60335-2-29+A2

EN 62233

EN 55014-1+A2

EN 55014-2 EN

61000-6-2

EN 61000-6-3+A1

EN 61000-3-2

EN 61000-3-3

Name and address of the person who is authorized, compile the technical documentation:

TOPREGAL UK Ltd.
Carlton Drive Crumlin
Gwent NP11 4EA



Place: Crumlin UK
Date: 06.07.2023

Juergen Effner
Chief Executive Officer

