



USER MANUAL

Excentr Daily 55-60

Cordless scrubber drier

Specifications-Safety-Use-Maintenance



*All persons involved in commissioning, operation, maintenance and repair must
-a copy of- these instructions are made available!*

Table of contents

EC declaration of conformity	3
1. Introduction.	4
2. General description.	4
3. Overview of the machine.	5
4. Intended use.	6
5. Technical data.	6
5.1 Sizes and weights.	6
5.2 Wear parts.	6
5.3 Vibrations hand-arm system.	6
5.4 Noise emissions.	7
6. Safety.	7
7. Storage.	8
8. Transport.	8
9. Getting started!	9
9.1 Before commencement.	9
9.2 Standard operation.	9
9.3 Adjust the cleaning programme.	10
9.4 The squeegee.	10
9.5 End of work.	10
10. Maintenance	11
10.1 Daily maintenance.	11
10.2 replacing a scrub pad.	11
11. Failures.	11
12. Warranty conditions.	12
13. Repair.	12
14. End of life.	12
15. Components.	12

Original operating instructions according to annex 1, art.1.7.4. of the Machinery Directive 2006/42/EC.

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A.C. Schermers, April 2022

EC declaration of conformity

ACCORDING TO ANNEX IIA OF THE MACHINERY DIRECTIVE 2006/42/EC

We, Excentr B.V.,
 Ampèreweg 12,
 NL - 4631 SP Hoogerheide

declare entirely under their own responsibility that the product:

Brand: Excentr,
Machine: Accu scrubber-suction machine,
Type: Daily 55-60,

complies with the provisions of the following directives:

2006/42/EC Machinery directive,
2014/30/EC EMC directive,
2014/35/EC Low Voltage Directive

and the following standards or harmonised standards considered:

NEN-EN-ISO 12100 Risk reduction.

The Technical File -according to Annex VII of the Machinery Directive 2006/42/EC- has been compiled by Excentr.

Prepared at:

Location: BREDA,
Date: 15-04-2022,

Signature:



Excentr B.V.,
R. Meeuwse, director.



1. Introduction

Thank you for purchasing an Excentr Daily 55-60 cordless scrubber drier. This is a state-of-the-art machine which, if used correctly, will give you years of trouble-free operation. The purpose of this user manual is to familiarize you with its operation, to give you instructions for safe working practices and guidelines for periodic maintenance. The manual has been compiled for all persons involved in the commissioning, operation and maintenance of the machine. These persons must:

- Possess the level of knowledge and qualifications required for their task.
- Have read and understood this user manual.
- Follow all indicated safety instructions.
- If necessary, have access to sufficient, well-fitting and good-quality tools.

This user manual, the rating plate and the safety stickers attached to the machine contain important safety information and as such are an integral part of the delivery.

Keep this manual carefully and also supply it with any resale.

If damaged or lost, they should be reapplied or made available.

These parts can also be backordered by your supplier.

2. General description

The Excentr Daily 55-60 is designed for easy cleaning of almost all types of floors. The all-round plastic bumper and swivelling squeegee allow precise work along edges. For unreachable places and corners, a handheld nozzle can optionally be fitted, allowing for a brief manual cleaning.

What makes the Excentr Daily unique is the so-called Excentr method: the scrubbing pad's high number of small movements of 2850 per minute. This makes the pad's performance unparalleled. Guiding the machine while working is easy and relaxed as the machine "floats" over the floor to the touch. The basis of the machine is a robust stainless steel frame with wheel set to which the pad holder with vibrating rubbers is attached. A generously sized electric motor with eccentric is mounted to the frame and drives the pad holder. A clean water and dirty water tank are integrated in the design.

An ergonomic handle and display are provided for operation and settings. The machine is powered by a 24V long-life battery. A battery charger is permanently fitted.

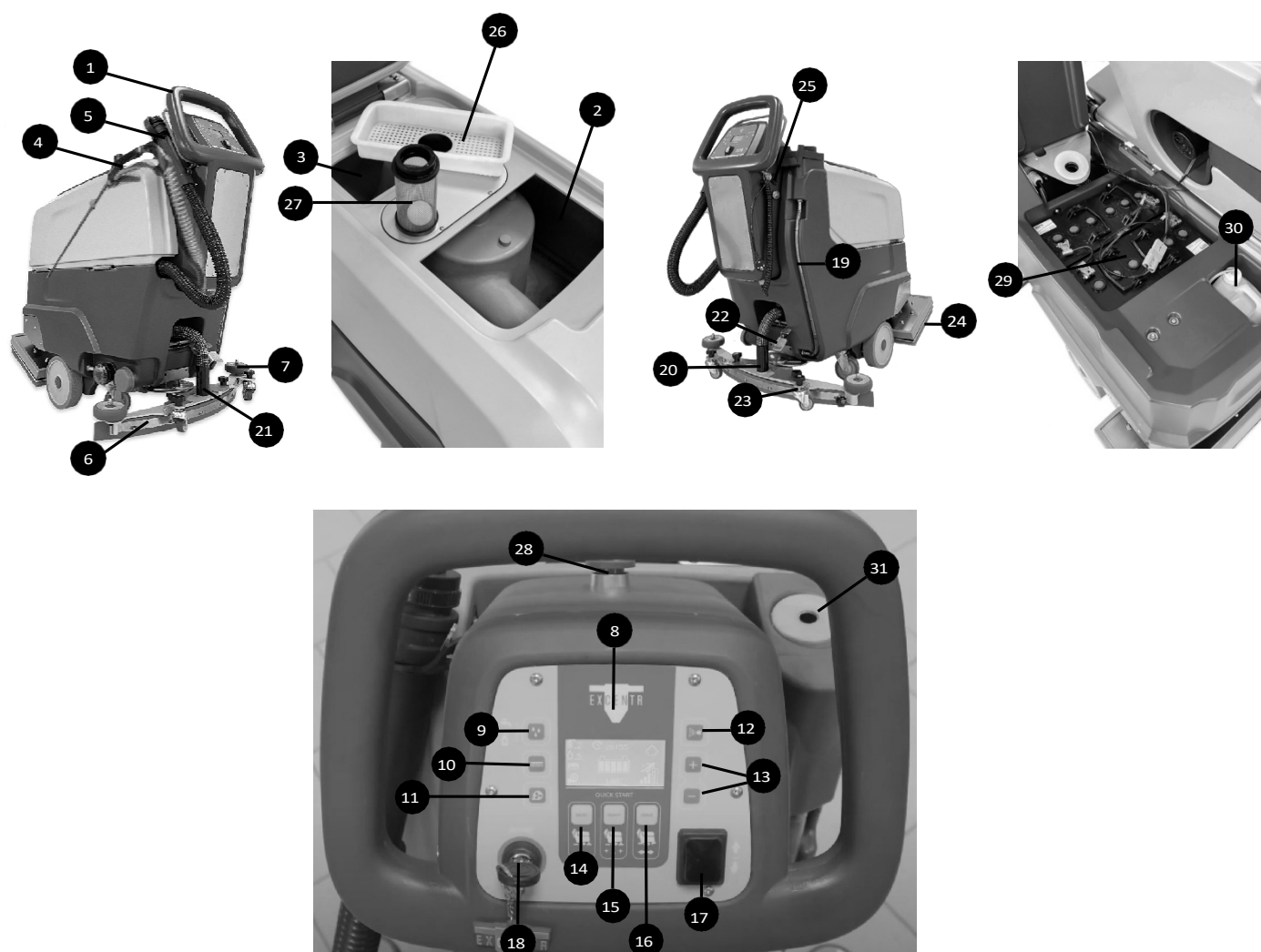


Make sure you are familiar with the contents of this manual before starting to work with the machine, so that you can use all its features optimally and safely!

3. Overview of the machine

- 1 Handle
- 2 Holding tank
- 3 Clean water tank
- 4 Hand spray lance
- 5 Waste water tank drain hose
- 6 Swivel squeegee
- 7 Guided roller squeegee
- 8 control panel
- 9 setting water and detergent
- 10 scrubbing pad on-off
- 11 suction motor on-off
- 12 hand-held sprayer on-off
- 13 value adjust higher-lower
- 14 standard setting for normal soiling
- 15 Standard setting for heavy soiling
- 16 Driving alone
- 17 Forward-stop-reverse selector switch
- 18 ignition

- 19 Clean water tank level
- 20 suction hose connection
- 21 nozzle attachment
- 22 pedal lift-down squeegee
- 23 height adjustment squeegee
- 24 scrubbing pad
- 25 220V connection built-in battery charger
- 26 dirty water filter
- 27 vacuum filter vacuum motor
- 28 Emergency stop button
- 29 Battery
- 30 detergent tank
- 31 fresh water filling point (extendable)



4. Intended use

The Excentr Daily 55-60 battery scrubber-suction machine is designed for:

- Cleaning -regularly- hard, flat and smooth floors.

Use for other purposes and use with other agents has not -yet- been investigated.

For other possible applications, contact EXCENTR BEFOREhand to discuss whether the machine is suitable for this.



WARNING!

Any use other than the above excludes EXCENTR from any responsibility!



WARNING!

The machine NOT in a salt atmospheric or at increased environmental use or store chlorine content. an environment with



WARNING!

The machine does NOT comply with the ATEX directive, and as in this version may NOT be used in a relevant environment!!!



5. Technical data

5.1 Sizes and weights

Length:	113 cm
Width:	87 cm with squeegee
• when transported:	57 cm without squeegee
Height:	112 cm
Slope:	Max 2%.
Empty weight:	approx
100 kg Tank capacity:	
• clean water:	60 litres
• dirty water:	65 litres
• detergent:	2.5 litres
Batteries: XR 50: 24V - 50 Ah Lithium	
or XR105: 24V - 105 Ah	Lithium
or 24V - 76 Ah	Gel battery
or 24V - 100Ah	Gel battery
or Customer provides its own	
battery Scrub pad:	55x30 cm.

5.2 Wear parts

Wear parts are parts in the machine that are not covered by the warranty due to:

- additional contact with the product.
- normal wear during use

Wear parts for this machine include:

- The vibrating rubbers.
- The pads.
- The battery.
- Suction rubbers
- Drain hose
- All parts in contact with the surface to be cleaned

5.3 Vibrations hand-arm system

Average value: 2.6 m/s^2 ,

Deviation max: 0.3 m/s^2 .

(Values are not measured, but taken from a similar machine).



5.4 Noise emission

The measured noise level during work with the machine is : 75 dB (A) \pm 1.5 dB(A) From experience, we do know that the noise emission of the machine is highly dependent on the area being worked on, and the room in which work is carried out.

This can create situations where the sound level is significantly higher due to "reverberation".

Excentr recommends having hearing protection available for use at all times in these.

From www.arboportaal.nl:

The danger of noise-induced hearing loss starts for employees at 80 dB(A). Above this value, the employer must offer hearing protection according to the [Occupational Health and Safety Act](#).

At 83 dB(A), an employee may only work for 4 hours without hearing protection, during which there must not be an unacceptable risk of hearing damage. In the remaining 4 hours, a high noise level must then no longer occur.

An employee is obliged to use hearing protection if the daily dose exceeds 85 dB(A) on average.



6. Safety

WARNING!

Almost all accidents are due to: lapses in concentration, negligence, inattention, or misjudgements! Work calmly and with concentration: You have been warned!



- Always provide adequate lighting; if necessary, install additional lighting temporarily to maintain sufficient overview.
- All persons involved in assembly, commissioning, operation, maintenance and repair must:
 - the level of knowledge required for their task and

possess qualifications.

- have read and understood this user manual.
- Follow all specified safety instructions.
- If necessary, have access to sufficient, well-fitting and good-quality tools.

WARNING!

There is an immediate danger of personal injury, damage to machinery and the environment in case of inexperienced and improper use: Keep bystanders at a safe distance when working !



- Keep children and other people a w a y while operating the machine. If distracted, you may lose control of the tool.
- Be alert, pay close attention to what you are doing and proceed sensibly when using the machine. Do not operate machinery when tired or under the influence of drugs, alcohol or medication. A moment's inattention when using the tool can lead to serious injury and damage to machine and surroundings.
- Remove all loose tools before working with the machine.
- Wear appropriate clothing. Do not wear loose clothing or jewellery. Keep hair, clothing and gloves away from moving parts. Loose clothing, long hair and jewellery can be carried away by moving parts.
- Stop the machine before adjusting, changing accessories or when finishing work.
- (Have) damaged parts repaired before use. Many accidents have their cause in poor maintenance.
- In addition to the above rules, be aware of local working conditions and regulations.



CAUTION:
Structural preventive maintenance reduces the risk of breakdowns while working!



WARNING!
Use personal protective equipment as required nationally, locally and/or at your immediate work site.



Read the user manual carefully before starting machine!

7. Storage

If the EXCENTR Daily 55-60 scrubber drier is taken out of service for a longer period of time, it is advisable to perform the following actions:

- Clean the machine with a clammy damp cloth.
- Perform maintenance, see chapter 10
- Apply a preservative if necessary.
- Store the machine in a dry room.
- Charge the battery! Disconnect the charger when the battery is full. Recharge -in case of prolonged inactivity- the battery every 3 to 4 months.



CAUTION:
Always be careful when cleaning.

8. Transport

The Daily 55-60 is too heavy to lift with one or two men. The easiest way is a ramp so the machine can be driven onto the trailer or into the van.



CAUTION:
Always secure the machine with straps

9. Getting started!

9.1 Before commencement

- Check the filter for the suction motor in the dirty water tank, clean if necessary.
- Check the -red- coarse filter in the holding tank, clean if necessary.
- Check the suction filter for the fresh water pump, clean if necessary.
- Check the detergent level in the cleaning tank, refill if necessary.
- Check the seal of the top cover, it should seal well for sufficient suction.
- Check the sealing ring to the squeegee between the holding tank and the fresh water tank (photo, arrow), this should seal well for sufficient suction.



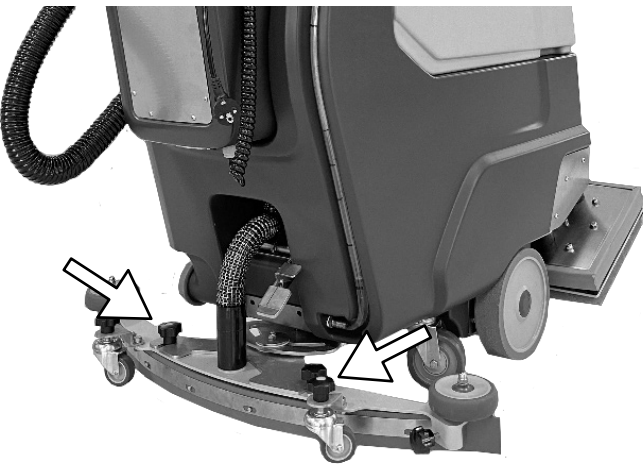
- Fill the fresh water tank. The filling point (to the right of the handle) contains a pull-out hose, and can be pressed directly against the tap if necessary. (use water of max 30°C)
- The filling level can be checked via the gauge hose,

so that spills when filling can be prevented.

- Put the hose back into the tank after filling.
- slide the squeegee into the recesses of the mounting plate and secure it with the rotary knobs. (photo, arrow).
- Plug the suction hose onto the grommet in the centre of the suction nozzle.



- Check the quality of the scrub pad, replace if necessary.



With all filters clean, seals sealed, fresh water tank and detergent tank filled, nozzle fitted and pad checked. Is the machine ready for use!

9.2 Standard controls.

- Check that the emergency stop button has not been pressed!
- Start the Daily 55-60 with the ignition key, the display starts up: You see the battery status (centre) and the set driving speed (bottom right)
- You must now operate one of the three "quick start" buttons below the display: BASIC: the standard scrub-suction programme HEAVY: the "heavier" programme: more water and detergent, lower driving speed. DRIVE: driving only (to and from the workplace).
- Now select the desired direction of travel (forward/reverse) using the black button at the bottom right.
- Finally, grab the handle and press bent bar behind the handle against the handle and the Daily 55-60 takes off.
- The + and - buttons can be used to adjust the driving speed



The selected programme is NOT remembered if you turn the ignition off again: when restarting, the selection must be made again!



9.3 Customise the cleaning programme

If you have made the "quick start" choice BASIC or HEAVY, the display looks like the one below (photo). On the left side are icons for the water quantity setting, amount of detergent, the scrubber and the piston.



From this position you can adjust the pre-programmed settings, proceed as follows:

- Operate the top left button (with the water tap), the water icon will now appear large on the screen.
- The + and - buttons on the right can now be used to increase or decrease the water volume.
- If you operate the top left button for the second time, the amount of detergent can also be adjusted using the + and - buttons.
- The middle button on the left side of the display can be used to turn the scrubbing section off and on.
- The bottom button turns the suction part off and on.
- While working, the + and - buttons can be used to increase and decrease the driving speed.
- The optional nozzle button on the top right activates the handheld nozzle, to manually clean difficult (unreachable) corners.



9.4 The squeegee

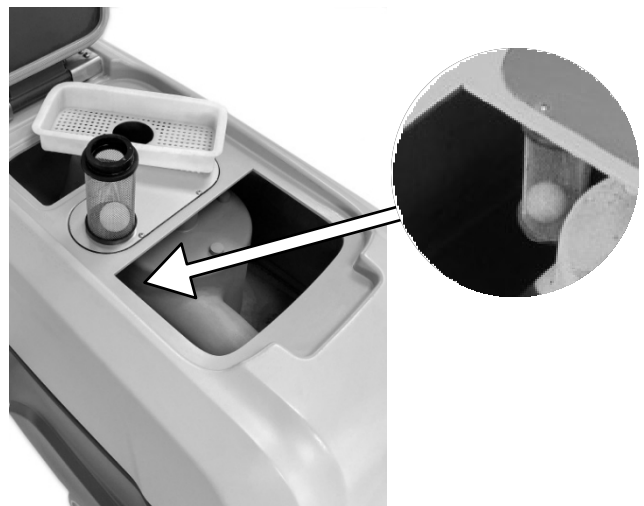
Pressing -again- on the foot pedal raises or lowers the nozzle to the floor. The small castors behind the nozzle can be easily adjusted in height.

9.5 End work

- Drain the holding tank:
- Unhook the black hose (photo, arrow)



- Unscrew the cap.
- Place the hose in a drain (lower than the tank) and the tank contents will drain.
- Screw on the cap and hang the hose back.
- Wipe the squeegee rubbers with a clean cloth.
- Clean the red dirty water filter (photo , arrow), and replace it



- Clean and replace the suction filter (arrow).
- Remove the squeegee (if necessary)
- Drive the Daily 55-60 to a socket
- Recharge the battery so that it is always started with a full battery.
- During loading, the machine can NOT be operated.
- Leave the valve of the holding tank open to allow the tank to dry.



WARNING!

Never store the machine with a flat battery!

10. Maintenance

The Excentr Daily 55-60 is a simple, solid machine. However, regular maintenance is necessary to keep the machine in good condition for optimal results. The indicated intervals are a guideline for normal use, with more or less intensive use, this work can be carried out more or less often!

10.1 Daily maintenance

Check the machine regularly -visually- for leaks and damage, especially cables and hoses!

- Repair -even minor-damages immediately, or have them repaired. This is for your safety and the service life of the machine.
- Keep the machine clean. This reduces the risk of accidents, and works pleasantly.
- Keep dirty water filters clean.
- Check the scrubbing pad for wear and damage. A worn pad will reduce the working speed.

Tightening torques

For hex bolts 8.8 can be the following tightening torques can be observed. (Würth): M6x1.0-8.8 10 Nm.
M8x1.25-8.8 25 Nm.
M10x 1.5-8.8 50 Nm.

10.2 replacing a scrub pad

If the working speed drops, or the result declines, the pad is seriously contaminated or worn and should be replaced.

- The pad is mounted to the eccentric plate with Velcro fastening.
- Proceed as follows:
- Turn off the machine with the eccentric plate in the upper position.
- Pull the pad loose from the eccentric plate
- Carefully attach the new pad to the eccentric plate and press it down firmly.
- Switch the machine on and you can get back to work!



11. Faults

1) The machine does not start up:

- Check the emergency stop button.
- Is the display not working? Check the connector near the battery (photo 1, arrow).
- Is the daily 55-60 left on? Is the battery completely dead? Charge first
- Contact your supplier.

2) The machine makes a rattling noise at the front:

STOP WITHIN. CHECK FIRST!

- A rubber of the pad holder is loose.
- the eccentric bearing is worn out.

3) Disappointing scrub action:

- Running out of clean water. Replenish.
- The fresh water filter is clogged (clean)
- The cleaning agent has run out. Refill.
- Suction nozzle rubber worn.
Adjust castors, replace rubbers.

4) The scrubbing water is no longer sucked up properly, if at all:

- The holding tank is full. Empty on time.
- One of the dirty water filters is clogged. Clean it!
- The lid's rubber is loose/ broken/ gone. Fit new rubber.
- The rubber ring between the holding tank and fresh water tank is broken or gone. Renew.
- The suction hose is loose from the nozzle. Tighten.
- Nozzle rubber worn out. Adjust castors, replace rubbers.

12. Warranty conditions

The machine is covered by a warranty period of 12 months from delivery.



This means that within this period only material and manufacturing defects, AFTER ASSESSMENT OF EXCENTR will be repaired free of charge. Transport and/or travel costs shall be borne by the customer.

NO WARRANTY will be granted for defects caused as:

- the machine has been demonstrably overloaded.
- the machine has been used for purposes for which it was not constructed.
- the maintenance has been demonstrably poorly carried out.
- the information in this manual has not been properly followed.
- the machine has been used by unauthorised persons.
- the machine has been repaired with non-original parts.
- the machine has been modified without the written consent of EXCENTR.

NO WARRANTY is granted for the wear parts, as listed in section 5.

13. Repair

Repairs may only be carried out by skilled, experienced personnel!

Comprehensive repair descriptions are not included in this manual, for questions and professionally performed repairs please always contact EXCENTR or your supplier.

14. End lifetime

You must always comply with the currently and locally applicable requirements and guidelines of safe working and responsible disposal!

If the machine reaches its technical end after a long period of use, proceed as follows for responsible disposal:

- Clean the machine.
- Dismantle the electrical components. These can be offered separately.
- Dismantle the plastic parts, these can be handed in separately.
- The remaining parts are steel and can be scrapped.

Follow ECMR (European Cleaning Machines Recycling) guidelines, see www.ecmr.nu

15. Parts

This machine was developed, built from part customised parts and part standard components. Standard components are available at short notice. Many bespoke parts are in stock at Excentr, please contact your supplier or Excentr for ordering and delivery time!!!

