



43 Floor Machine



EXCENTR 43 Floor Machine User Manual

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EXCENTR 43 Floor Machine



Product Specifications

- **Brand:** Excentr
- **Machine:** Floor Machine
- **Type:** 43

Product Information

Introduction:

Congratulations on your purchase of the Excentr 43 Flooring machine. This machine is designed for cleaning, stripping, polishing, sanding, and removing various substances such as paint, coatings, and glue residues. It is built with the latest technology to provide trouble-free service when used correctly.

Overview of the Machine:

The Excentr 43 Flooring machine is delivered fully assembled and ready for scrubbing, sanding, and polishing. It features an all-around plastic bumper for precise work along the edges.

Intended Use:

This machine is intended for a variety of floor maintenance tasks including cleaning, stripping, polishing, and sanding. It can be used for both domestic and commercial applications.

Technical Data:

- **Sizes and Weights:** [Provide specific measurements]
- **Wear Parts:** [List wear parts included]
- **Vibrations Hand-Arm System:** [Details on vibration levels]
- **Noise Emission:** [Information on noise levels]

Product Usage Instructions**Safety:**

Before operating the machine, ensure you have read and understood the safety guidelines outlined in the user manual and on the safety stickers attached to the machine. Always wear appropriate personal protective equipment.

Use:

- **Checks Before Commencement:** Inspect the machine for any visible damage or defects. Ensure all components are properly connected and secured.
- **Accessories:** Use only approved accessories with the machine to maintain performance and safety.
- **At Work:** Follow the specific instructions for the task you are performing. Operate the machine smoothly and steadily to achieve optimal results.

Maintenance:

- **Lubricants:** Use recommended lubricants as specified in the manual to ensure smooth operation of the machine.
- **Maintenance Schedule:** Follow the maintenance schedule provided to keep the machine in good working condition.
- **Replacing a Pad:** Refer to the manual for detailed instructions on how to replace worn-out pads.

EC declaration of conformity

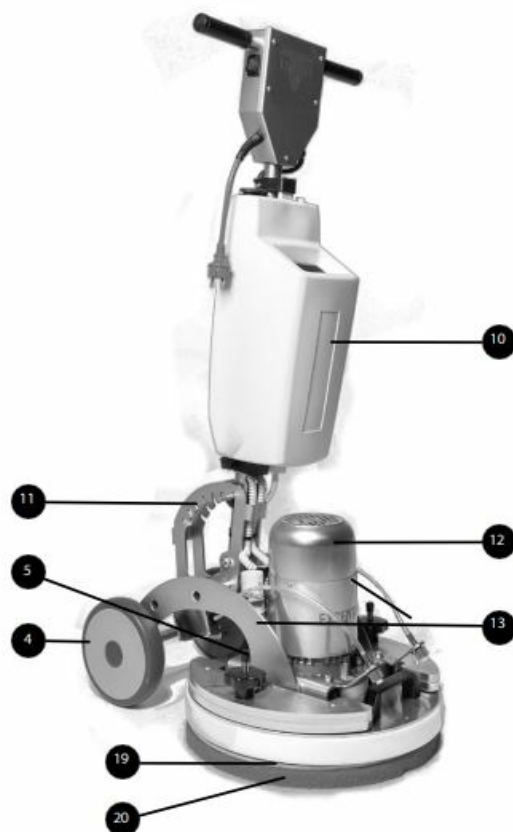
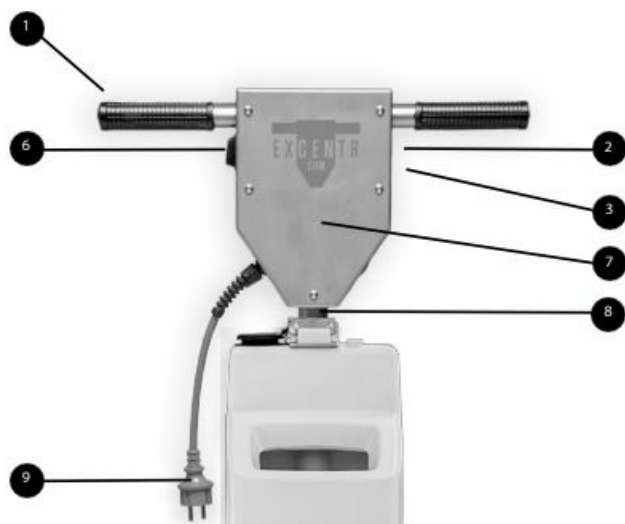
- Congratulations on your purchase of this floor working machine, to be used for cleaning, stripping, polishing, sanding, and removing paint, coatings, glue residues, etc. You have at your disposal a machine specifically developed for your application, built according to the latest findings and state-of-the-art technology, which, if used correctly, will give you years of trouble-free service.
- The purpose of this manual is to familiarize you with the operation, instructions for safe working, and guidelines for periodic maintenance. Make sure that you are familiar with the contents of this manual before starting to work with the machine so that you can make optimum and safe use of all its features.
- This user manual, the rating plate, and the safety stickers attached to the machine contain important information and as such are part of the delivery. If damaged or lost, they must be reapplied or made available. These parts can also be supplied by your supplier.
- The machine is delivered assembled and fully ready for scrubbing/sanding/polishing, please ensure that you have mastered these operations before starting. Complete verbal instructions on how to operate the machine, safety regulations, and necessary maintenance will be given upon delivery. If this is not possible, the buyer is responsible for proper instruction.
- The machine offers many options for working a floor, Excentr offers numerous training courses to get the most out of the machine. Visit www.excentr.com for a training location near you.

General description

- The Excentr 43 is designed for easy cleaning of almost all types of floors. This machine has the advantages of both eccentric cleaning and orbital cleaning. Combined with the interchangeable pads, the machine is very versatile: from carpet cleaning to (chemical-free!) stripping or grinding/polishing parquet. The all-round plastic bumper enables precise work along edges.
- The unique feature of the Excentr 43 is the so-called Excentr method: the high number of small movements of 1400 per minute. This is combined with the rotary motion of an orbital cleaner. 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.
- To keep sufficient pressure on the pad, additional weights are applied to the machine.
- For operation, a 7-way adjustable stainless steel handle with a T-handle is fitted to the frame, so that the right handle height can be set for every body height.
- Two solid wheels are positioned so that the leverage of the handle allows the machine to be tilted backwards and moved on easy.



Overview of the machine



1. T-Handle
2. Detergent pump switch
3. Hour meter
4. Wheels
5. Extraction connection
6. Switch ON/OFF
7. Housing
8. Steel
9. Connection cable
10. Tank cleaning agent
11. Handle height adjustment
12. Engine
13. Frame
14. Spray cleaner
15. Handle
16. Nut weights
17. Additional weights (option)

- 18. Bumper set
- 19. Pad holder
- 20. Path

Intended use

- The Excentr 43 floor processing machine is designed for:
 - Cleaning
 - Stripping
 - Polishing
 - Sanding
 - LeLevelinggrinding
 - of medium and large floor surfaces, using interchangeable pads and/or accessories allocated for the task.
- The duty cycle is 100% under normal use according to good workmanship.
- The version in IP54 is for use with (scrub) water.

WARNING!!!

Any use other than the above excludes Excentr b.v. from any responsibility in advance!!!

- Use for other purposes has not -yet- been investigated by Excentr. For other possible applications, please contact Excentr BEFOREhand to discuss the suitability of the machine.
- During work, the person stands BACK of the machine with their hands -loose- on the T-handle.

WARNING!

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

Technical data

Sizes and weights

- **Height:** 1.25 m
- **Width:** 0.47 m
- **Depth:** 0.68 m
- **Weight:** approx 38 kg, base machine no ballast)
- **Ballast:** standard 1 set (7 kg), maximum 6 sets (42 kg)
- **Voltage:** 220V-240VAC @ 50Hz
- **Current:** max 8A (recorded)
- **Power output:** 1.2 kW
- **Insulation:** Peripheral earth
- **Insulation class:** IP54 (dustproof/splashproof)
- **Max slope:** 2%.

Wear parts

- Wear parts are parts in the machine that are not covered by the warranty due to:
Additional contact with the product or normal wear and tear during use

- Wear parts for this machine include:
 - The vibrating rubbers
 - The pads

Vibrations hand-arm system

- **Avg:** .6m/s,
- **Deviation max:** 0.3 m/s.

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



Noise emission

- The measured noise level during work with the machine is 72 dB(A). Experience has shown that the noise emission of the machine is highly dependent on the surface on which work is performed and the room in which work is carried out. This can result in situations where the noise level is considerably higher due to “reverberation”. Excentr recommends always having hearing protection available for use in these situations. 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, where there must not be an unacceptably high risk of hearing damage. In the remaining 4 hours, high noise levels must then no longer occur. An employee is obliged to use hearing protection if the average daily dose exceeds 85 dB(A).

Safety

General.

- Shown here are the stickers applied to the machines.
- Always ensure adequate lighting of the workplace, and install additional (building) lighting temporarily if

necessary to maintain sufficient overview!!!

WARNING!

Almost all accidents are due to:

Concentration decrease, negligence, inattention, or wrong estimates! Work calmly and concentrated: You have been warned!

- All persons involved in assembly, commissioning, operation, maintenance and repair 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, properly 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 inexperienced use: Keep bystanders on a safe distance at work !

CAUTION:

Regular monitoring and structural preventive maintenance reduce the likelihood of breakdowns during work.

Specific safety requirements

CAUTION:

For any repair, the plug of the machine from the wall socket.

- This Excentr floor machine must NOT be used for cleaning floors that release substances that pose health risks to the operator, bystanders, or the environment!
- Always check whether the subfloor is suitable for working with the Excentr 43. If in doubt, always contact Excentr or your supplier for further information

CAUTION:

Make sure the switch is "OFF" before plugging in!!!

- Carefully go over the stairs/steps with the machine.

CAUTION:

The machine comes as standard with an extension cable, it may not be further extended with an additional extension cable.

- Never drive over the extension cable.
- Drive or scrub over the cable by accident anyway: Stop the machine and unplug it. Carefully check the cable for damage. (Water can penetrate even through minor damage!)
- The machine is INVISIBLE to work fully submerged in water. This can cause life-threatening situations.

CAUTION:

The machine should only be used with rim-earth sockets and earth leakage circuits.

- The use of this floor processing machine is subject to the applicable regulations for safety and working conditions. In addition to the provisions in these operating instructions, the generally accepted occupational health and safety regulations for safe and professional work apply. Any inexperienced handling should be avoided.

CAUTION!

You are working with an electric machine and (scrub) water. Ensure that the protective earth and earth leakage switch have good functions! Make sure that you do not use damaged cables!!! Wear with preferred shoes with rubber soles!!!

- Within the warranty period, only a mechanic certified by Excentr BV may carry out work on the machine.

CAUTION:

When changing accessories or attachments, unplug them first!

CAUTION:

Keep at least a 2m distance from a (swimming) pool edge, pond, or open water!!!

Storage

In case of longer decommissioning, it is advisable to perform the following actions:

CAUTION:

Always be careful when cleaning.

- 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.

Transport

- First, remove all applied ballast plates.
- The base machine weighs about 38 kg and has to be lifted by two men.
- The machine should preferably be transported standing up with the handle in the upper position:
 - Using a foot, push the locking pin at the bottom of the handle down from the recess.
 - With the locking pin pressed in, adjust the handle to the position and on and
 - release the locking pin so that it pops into the last groove.

CAUTION:

Always secure the machine with straps

Usage

Pre-start checks.

- You are working with (scrub) water and a 220V machine: Be sure:
 - The mains voltage is 220V,
 - The protective earth connection is good,
 - An earth leakage switch is included.
- Check the cables for damage: both the short connecting cable and the extension cable! If anomalies are found: rectify them before starting work!
- Examine the floor for color and shape stability before treating it with Excentr 43.
- Check beforehand that the right pad is attached for the job.
- Check that at least 1 set of weights is fitted but no more than 6 sets!
- The number of weights to the left and right of the motor must be equal!

Accessories

Turn the machine OFF and unplug it before fitting/adjusting accessories:

- **Scrub tank**

- Attach the scrubber tank to the handle
- Plug the tube into the connection on the pad holder
- Fill the tank with detergent
- Set the dosage

- **Use of cleaning agents**

- When using cleaning products, pay attention to the instructions for use indicated on the label. Use only low-foam cleaning products to which no flammable components have been added and raw materials that could harm health.
- There are also dangers in using cleaning products that have toxic, irritating, or skin-damaging substances added to them.
- Cleaning products containing solvents that attack plastics can also damage parts of the machine.

Get to work!

- Roll it to where it will be used
- Check that the switch is set to OFF
- Plug the extension cable into the plug and a grounded outlet
- Accessories are mounted by tilting the machine on its handle and wheels.
- Then tilt the machine back onto its wheels so that it rests on the pad holder and accessories.
- Push the locking pin to adjust the handle with your foot and return the T-handle to the working position. Let the locking pin pop into a slot so that the handle is fixed.
- Press the switch ON. The motor starts, and the pad starts working.
- While working, you can easily push the device in all directions with little force. Work in lanes, not in a back-and-forth motion.
- If your machine is equipped with a liquid tank, you can give extra water by lifting the lever.
- Always turn the machine off immediately if you stop working so as not to damage the floor. Remove the plug from the socket.

Maintenance

CAUTION:

Regular inspection and structural preventive maintenance reduce the risk of breakdowns during work.

Lubricants

A can of WD 40 is the only necessary lubricant for maintenance.

Maintenance schedule

- **Daily: (before work starts)**

- Check the cables for damage.
- Check the pad for wear. A worn pad will reduce working speed.
- After using chemical cleaners, wipe the machine with a damp cloth to prevent the chemicals from acting

on the stainless steel parts.

- Check for loose bolts/nuts.

- **Monthly:**

- Spray the handle adjustment mechanism with WD40 to keep the adjustment smooth.
- Check the grip deck under the pad holder if it still has enough grip for the pad.
- Check the vibrating rubbers for cracks.

- **Annual:**

Have the mandatory -ARBO- safety inspection (NEN 3140) for electrical tools.

Replacing a pad.

If the working speed drops or the result declines, the pad is seriously soiled or worn and must be replaced. The pad is mounted to the eccentric plate with Velcro fastening. Proceed as follows:

- Turn off the machine.
- Remove the plug from the socket.
- Set the handle with the T-handle to the highest position.
- Tilt the machine backward so that the handle is on the ground and the pad is vertical.
- Pull the pad loose from the eccentric plate. Carefully attach the new pad to the eccentric plate and press it firmly.
- Put the machine back upright.
- Plug in the power cord.
- Switch the machine on and you can resume working.

Faults

1. The machine does not start up:

- Check the RCD.
- Check the power supply voltage.
- Check the cables for breakage.
- Contact your supplier.

2. The machine makes a rattling noise: STOP WITHIN. CHECK FIRST!

- A nut on the ballast plates vibrated loose.
- The rubber of the pad holder is loose.
- The eccentric bearing is worn out.

3. The rod adjustment mechanism does not work:

- The locking pin is crooked.
- The spring broke.

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 EXCENTR'S ASSESSMENT 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 by:

- 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 unauthorized persons.
- The machine has been repaired with nonoriginal parts.
- The machine has been modified without the written consent of EXCENTR.
- **NO WARRANTY** is granted for the worn parts, as listed in section 5.

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.

End of life

- 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.
 - Disassemble the plastic parts, they may be handed in separately.
 - The remaining parts are steel and can be scrapped.
- Follow ECMR (European Cleaning Machines Recycling) guidelines, see www.ecmr.nu

Parts

- This machine has been developed, and constructed from part customised parts and part standard components. The standard components are available at short notice. Many customized parts are in stock at Excentr.
- Contact your supplier or Excentr for ordering and delivery time!!!

Quality control – Cleaning machines

- **Appearance:**
 - No damage
 - Fitted with stickers
- **Electrical Components checked for operation and fitting:**
 - Switch
 - Pigtail
- **Engine, Drive, and frame: The machine makes** no strange noises
 - The motor runs smoothly with no side noises
 - Handle adjustment works smoothly
 - Weights tightened properly

- **Accessories:**

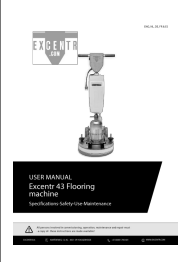
- Excentr Keychain
- Excentr Extension Cable

FAQ

Can this machine be used for chemical-free stripping?

Yes, the Excentr 43 Flooring machine can be used for chemical-free stripping as well as grinding/polishing parquet.

Documents / Resources

| | |
|---|--|
|  | <p>EXCENTR 43 Floor Machine [pdf] User Manual 43, 43 Floor Machine, Floor Machine, Machine</p> |
|---|--|

References

-  [Excentr – Excentrische Schoonmaak!](#)
- [User Manual](#)

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