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Clean floors around the clock

CLEAN MOVE 700D

Autonomous cleaning robot with disc brushes or pads and optional service station





Scheduled cleaning

For areas used every day

Whether in industrial settings, shopping malls, sports arenas, office buildings, public facilities, or large halls: The CLEAN MOVE 700D autonomously cleans designated floor areas at scheduled times.

The optional service station automatically charges the battery, refills the fresh water, and drains the dirty water. Together with you, we define cleaning areas and programs and provide support during commissioning, training, and service.


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Key strengths

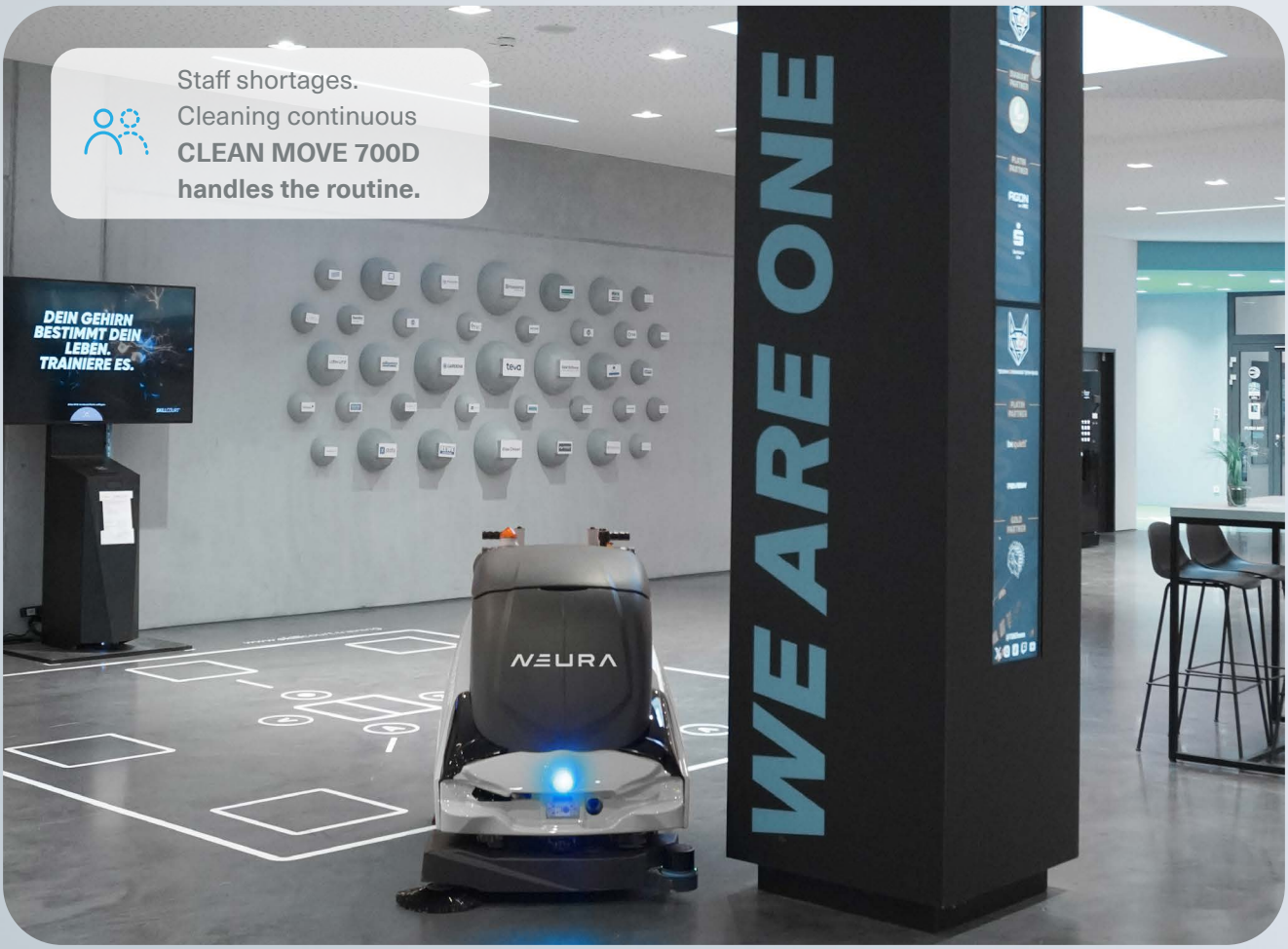
Clean autonomously. Navigate safely. Protect data.

The growing shortage of skilled labor is driving demand for automated processes. At the same time, dust and dirt can compromise process reliability, making consistent routine cleaning increasingly different .

From the very start, these challenges have been a key driver behind the development of innovative robotic systems for professional floor cleaning.

With the Trusted Robotics platform, we meet these demands with fully autonomous solutions built for professional use. The focus is on complete autonomy, top-tier safety performance, and robust data privacy and security.

The result: reliable robotic systems that support cleaning operations and meet the demands of today's professional environments.



What CLEAN MOVE 700D delivers on the job

Cleaning on demand
Automated recurring starts and adjustable cleaning intervals to match on-site needs.

Flexible operating times
Align programs with business hours, shifts, and foot traffic levels.

Easy start
Start from the touchscreen, via a mobile device, or automatically on a schedule.

Obstacle detection
2D and 3D laser sensors detect obstacles and help prevent collisions.

Safety compliant with EN IEC 63327
Reliable navigation and collision avoidance – even in areas with pedestrian traffic.

Privacy-protected navigation
Only coordinates are recorded; no personal data or environmental details are collected.
Navigation is powered by lidar sensors, without the use of cameras.

Building integration
Doors, gates, plus fire alarm and security systems can be integrated to fit each project.

Traceble deplyments
Automated Cleaning logs make it easier to document performance and handle billing.

Autonomous Cleaning Robot

Built to meet a wide range of needs

The CLEAN MOVE 700D, equipped with disc brushes or pads, offers a flexible and powerful cleaning solution for a wide variety of floor surfaces. Whether tiles, concrete, PVC, or natural stone – by selecting the appropriate pad or brush, the machine can be optimally adapted to the specific surface.

Thanks to the high rotational speed of the disc brushes, the robot ensures thorough dirt removal – even with stubborn stains. While brushes clean deep into pores and grout lines, pads enable gentle yet effective floor care. The even distribution of the cleaning solution ensures economical use and reduces operating costs.

This makes the CLEAN MOVE 700D suitable for a wide range of applications – from industrial facilities, sports arenas, and office buildings to public facilities such as parking garages, shopping malls and airports.



Autonomous or manual operation

- Fully automated cleaning mode
- Manual mode for quick, on-demand jobs
- Flexible control via mobile device

Full autonomy with service station

- Automatic battery charging
- Fresh-water refill and waste-water disposal
- Automatic start of cleaning programs
- Reduced staffing needs

Edge-to-edge cleaning

- Side-mounted auxiliary brush
- Channels dirt straight to the dish brush / pad
- Thorough cleaning along edges

Navigation with our own Software Platform

- Proprietary software platform
- 2D and 3D LiDAR for obstacle detection
- Navigation & collision avoidance in accordance with EN IEC 63327

Autonomous operation

- Operates without Wi-Fi or a constant internet connection
- Reduced IT security risks
- Ideal for sensitive and safety-critical environments

Intuitive operation

- Intuitive touchscreen
- Multilingual user interface
- Easy-to-understand icons

Scheduled start

- Starts on a set schedule
- Programmable for every day of the week
- Manual start still available

Industrial grade

- CE-certified and suitable for industrial use
- Premium stainless-steel components
- Maintenance-free brushless motors
- Designed for long-lasting use

More information

Product details

Key specs at a glance









CLEAN MOVE 700D specifications

Weight	Width	Length	Height
Approx. 260 kg	827 mm	1.267 mm	1.067 mm

Use cases

Parking garages, shopping malls, sports arenas, office buildings, public facilities, train stations, and many more.

Features	
Robot control	Fully autonomous systematic operation
3D sensing for 360° coverage	2D and 3D laser sensors, acceleration sensors, anti-drop sensors (cliff detection)
User interface	Access via onboard touch display, smartphone or tablet
Service station (optional)	Fully automated battery charging, fresh-water refill and dirty-water draining
Connectivity	Wi-Fi access to operator info, controls and fully automated documentation
Cleaning	
Cleaning width / pickup width	700 mm / 750 mm incl. side brush
Brush speed	max. 140 rpm
Brush type	Disc brushes or pads , available in various styles
Disc brushes / pads	2 pieces, 330 mm diameter, 30 kg contact pressure
Squeegee blades	Standard (red), oil/grease-resistant (blue)
Capacity	
Fresh water tank	**60 l** with fully automatic dosing during cleaning and automatic refilling at the service station
Recovery tank	**55 l** with fully automatic emptying at the service station
Detergent tank	**2 l** with fully automatic dosing during cleaning
Performance	
Cleaning time	4 to 6 hours per battery charge (depending on battery capacity 120Ah / 180Ah) varies by battery option and cleaning intensity. Battery type: lithium-ion
Battery charging time	1.5 to 2.5 hours, depending on the battery and charger option (based on battery capacity), with fast charging
Cleaning speed	up to 4 km/h, individually adjustable
Cleaning performance (theoretical)	2.750 m^2/h, depending on the environment and cleaning intensity
Example application	With average operation of about 4 hours, the CLEAN MOVE 700D with disc brushes / pads can theoretically clean about 10.000 m^2

Autonomous by design

Autonomous service station for largely self-sufficient operation

The service station automatically charges the battery, tops off fresh water, and drains the waste water. This increases the automation level of the cleaning system. Stored schedules make it possible to start the cleaning programs independently at set times. That way, the CLEAN MOVE 700D can begin its cleaning tasks on schedule and run autonomously.



Servicestation specifications

Weight
Approx. 70 kg

Width
989 mm

Length
345 mm

Height
911 mm

Charging status charging Loading
1,5 – 2,5 hours

Clean water
< 10 min.

Waste water
< 5 min.

Water connection
- 3/4“ connection
- Operating pressure: 3–6 bar
- AquaStop valve to safeguard the water inlet

Power connection
- 230 V outlet

Automatic mode
- Fresh-water fill
- Waste-water drain
- Battery charging

Status display
- Battery charging
- Fresh water
- Waste water
- Ready for operation

Service and support – from planning through day-to-day operation

1. **Prepare for deployment**
   We evaluate feasibility, floor conditions, and expected soil levels, then define cleaning zones and programs.

2. **Support commissioning**
   Our specialists set up CLEAN MOVE 700C and tailor the cleaning workflows to your site.

3. **Training operation and maintenance**
   Those responsible receive hands-on guidance for day-to-day operation and for maintenance.

4. **Optimize deployment**
   Together with you, we review the log data and adjust the programs as needed.

5. **Provide service and support**
   On-site service, a hotline, and online support complete the customized service and maintenance agreements.

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