cleanfix

Autonomous Floor Cleaning for large Areas

RA660 Navi XL – Professional scrubber-dryer robot with remote control, scheduler, docking station, advanced 3D obstacle detection, and IEC 63327 compliant safety system.

cleanfix-robotics.com

Swiss Made Robotics

7" Touchscreen

Remote Mission Control

Cleaning at the touch of a button – wherever you are. Start missions, schedule cleaning tasks and track performance in real time.

Features

- Robot setup and configuration
- Start, stop or pause cleaning missions
- Control charging and cleaning modes
- Real-time notifications and cleaning reports
- Cleaning scheduler

Mission Control

On-Spot Turning

3D Obstacle Detection

Powered by advanced 3D Ultrasonic Sensing

Sees What Others Miss

Reliable detection of small and low-lying obstacles in all lighting conditions, including transparent and reflective objects.

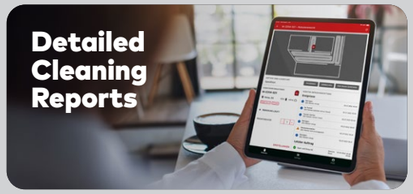
Performance without Compromise

Fast response for safe operation around people and unexpected obstacles, combined with low maintenance (no lenses).

Powered by Sonair

Fast Charging

Scheduler



Fully Offline Version

No Camera

Safe Cloud

Docking Station

Never run out of Water or Energy

24/7 Cleaning

Automated Refill

High Safety

RA660 Navi XL

IEC 63327

Compliant Safety

Infrastructure Integration

Elevators, Alarms, and other Robots

Seamless collaboration with building infrastructure and other mobile robots (AGVs, AMRs)*, enabling fully autonomous operation across floors and zones.

*applies only to mobile robots working with BlueBotics ANT Server

Works with Schindler BuilT-In API

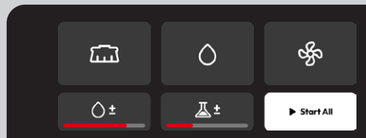
Dark Factory Ready

Works in complete darkness and at night

Digital Chemical Management

2-Stage Deep Cleaning

for stubborn dirt



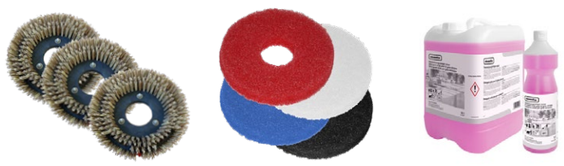
Manual Cleaning Mode

Your Machine Your Design

with RA660 Navi Individual

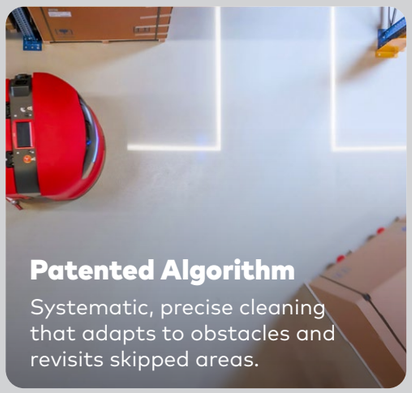
Tailored Cleaning Performance

Achieve optimal cleaning results by adapting the robot to your specific needs with Cleanfix original brushes, pads, cleaning agents and accessories.



ROI Calc

Find out how much time and money you could be saving.



Patented Algorithm

Systematic, precise cleaning that adapts to obstacles and revisits skipped areas.

ANT driven BLUEBOTICS

Robust Navigation

built for dynamic environments

OPC UA

works with OPC UA

Modbus TCP

works with Modbus TCP

Swiss Made Robotics

+10 Years

Spare Parts Availability

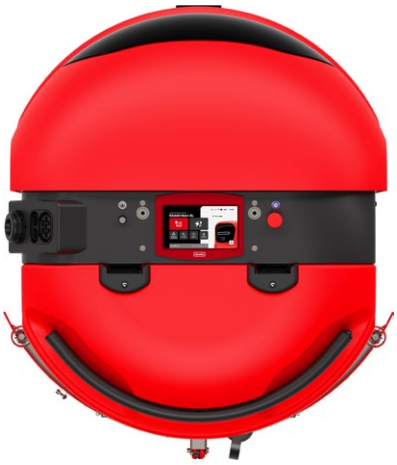
Case Studies

Find out how our customers use the RA660 Navi XL on a daily basis.

Detailed Info?

Learn more about our products and trim levels on our website.

RA660 Navi XL



Applications & Use Cases

Manufacturing · Logistics · Healthcare · Schools · Train Stations

Sports Facilities · Airports · Event Venues · Retail Centers · Car Parkings

Technical Specifications

Working width (brushes)	660 mm
Working width (suction nozzle)	850 mm
Dimensions robot (L x W x H)	1'015 x 850 x 1'100 mm
Capacity water tank	110 l
Weight (with water)	315 kg
Cleaning speed	up to 0.8 m/s
Average cleaning performance	1'250 m²/h
Cleaning agent tank	5 l
Recommended use	from 1'000 m²
Cleaning pattern	systematically
Battery type	Lithium-ion

Battery capacity	120 Ah
Battery life	up to 3.5 h
Battery charging time	40 min (80 %) 60 min (100 %)
Network	WiFi, LTE
Machine control	HMI, App*, Server*
Remote access	Yes (via App)*
Sensors	LiDAR, Bumper, 3D-Ultrasonic,
Navigation system	BlueBotics ANT® lite+
Docking station	optional
Software update	OTA (Over-the-air)

* Optional equipment

Features

Advanced cleaning parameters	●
2-in-1 membrane tank	●
Tool-free brush change	●
Manual cleaning mode	●
Autonomous battery charge	○
Automated water change	○
Fall Prevention Sensors (3×2 pcs)	●
Industrial safety light (BlueSpot)	●
Remote control	○
Remote maintenance	●
Digital cleaning reports	○
BlueBotics ANT server	○
Custom design (RA660 Navi Individual)	○

● = Standard, ○ =Optional

Headquarters

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Find your local dealership or service center

All authorized dealerships and service centers can be found online or upon request.

→ cleanfix-robotics.com/dealers

RA660 Navi XL (Gen. 2) / 05.2026 / EN
Specifications subject to change without notice.