cleanfix

# Autonomous Floor Cleaning for large Areas

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

cleanfix-robotics.com

Swiss Made Robotics

## 7" Touchscreen

## Remote Mission Control

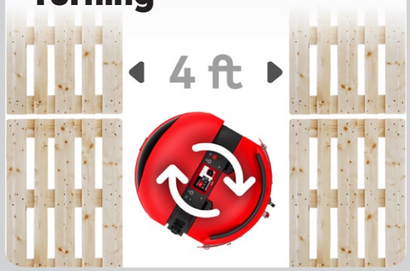
Cleaning at the touch of a button – wherever you are. Start missions, schedule cleaning tasks and track performance in real time.

**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**

**Detailed Cleaning Reports**

**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**

**BlueSpot**
Industrial Safety Light

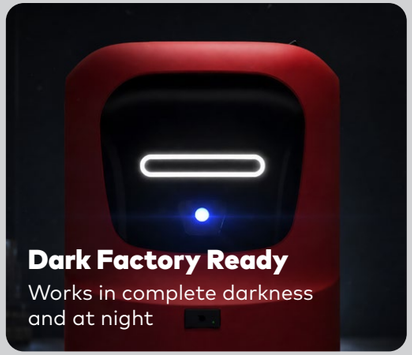
## Infrastructure Integration

**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



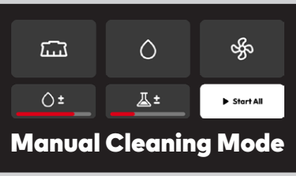
**Dark Factory Ready**
Works in complete darkness and at night

% Chemical Dosing 1.3 %

**Digital Chemical Management**

## 2-Stage Deep Cleaning

**for stubborn dirt**




**Manual Cleaning Mode**

**Your Machine Your Design**

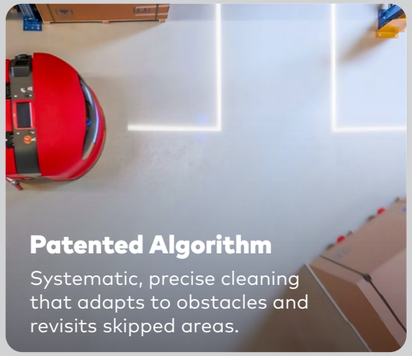
with RA660 Navi Individual

## 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

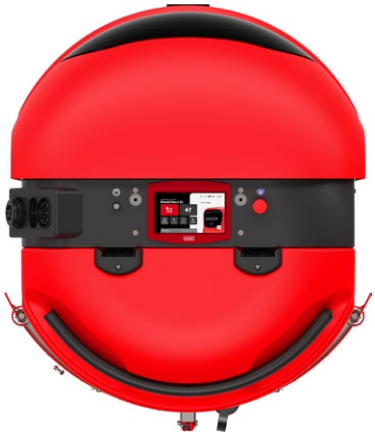
**Case Studies**

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)** | 26 in |
| **Working width (suction nozzle)** | 33.5 in |
| **Dimensions robot (L x W x H)** | 40 x 33.5 x 43.3 in |
| **Capacity water tank** | 29 gal |
| **Weight (with water)** | 694 lbs |
| **Cleaning speed** | up to 2.6 ft/s |
| **Average cleaning performance** | 13,500 sq ft/h |
| **Cleaning agent tank** | 1.3 gal |
| **Recommended use** | from 10,764 sq ft |
| **Cleaning pattern** | systematically |
| **Battery type** | Lithium-ion |

| | |
|---|---|
| **Battery capacity** | 120 Ah |
| **Battery life** | up to 3.5 h |
| **Battery charging time** | 40 min (80 %)<br>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, O =Optional

**Headquarters**

Cleanfix Robotics
Stettenstrasse 15
9247 Henau, Switzerland
+41 58 329 46 00
robotic@cleanfix.com
www.cleanfix-robotics.com

**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) / 04.2026 / EN-US
Specifications subject to change without notice.