www.cleanfix-robotics.com

cleanfix

Professional scrubber-dryer robot with optional app control and docking station

RA660 Navi XL

Autonomous floor cleaning for large areas – The RA660 Navi XL is the largest version of the worldwide over 500 times sold RA660 Navi scrubber-dryer robot. The XL was specially developed for use in large areas such as warehouses, shopping malls or airports and is available in four trim levels – «Pure», «Connect», «Unlimited» and «Server».

The RA660 Navi XL Pure features everything you need to enter the world of autonomous floor cleaning. In versions «Connect» and «Unlimited», the robot can be controlled remotely via the control application «RA660 Mission Control». The RA660 Navi XL Unlimited additionally includes a docking station for automated supply/drain of water and energy. The «Server» version is based on BlueBotics's fleet management ANT® server and is suitable for larger projects with different machines (AMR) on several floors.

Clean, cleaner, Cleanfix.

RA660 Navi XL

The RA660 Navi XL is equipped with the latest technology available for the proven RA660 Navi platform.

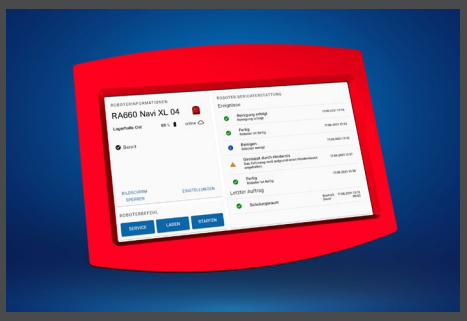
It is perfect for all applications where cleanliness and hygiene are of utmost importance. With Cleanfix's patented cleaning algorithm, three cleaning brushes, and a powerful suction nozzle, the RA660 Navi XL can clean almost any hard surface fully autonomous – even in complex and busy areas such as train stations, museums, or airports.

Works perfectly in...

- ✓ Warehouses
- ✓ Hospitals
- ✓ Train Stations
- ✓ Airports
- ✓ Malls
- ✓ Industrial Facilities
- ✓ Universities
- ✓ Event Centers
- ✓ Production Areas
- ✓ Stores

With the newly designed user interface and app-based remote control (starting with version «Connect»), you have full access to your cleaning assistant, no matter where you are. Thanks to the optional docking station (Charging Assistant), water and energy can be refilled automatically (starting with version «Unlimited»). This enables 24/7 cleaning and makes the robot independent of its tank capacity.

Docking station
Based on the Cleanfix Charging Assistant for automatic energy and water refill.



7-inch touchscreen (HMI)
Easily control your robot using the large and user-friendly touchscreen (HMI).

RA660 Navi Individual
Customize the robot to match it your brand's corporate design.

Specifications

Working width (brushes)	660 mm
Working width (suction nozzle)	850 mm
Dimensions robot (L x W x H)	1'110 x 850 x 1'185 mm
Capacity water tank	110 l
Weight (with water)	313 kg
Cleaning speed	0.6 m/s
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 %)
Communication	WiFi, LTE
Machine control	HMI, app**, server*
Remote access	Yes (via app)**
Sensors	Bumper, Ultra-sonic, LiDAR
Navigation system	BlueBotics ANT® lite+
Docking station	optional
Software update	OTA (Over-the-air)

* Optional equipment, ** Version «Connect»

RA660 Mission Control

The control application for all your RA660 Navi robots.

- Setup your robots
- Start, pause, stop and plan your cleaning tasks
- Control the charging process
- Change cleaning modes
- View statistics and reports

Only available in the **Apple App Store**.

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