

FLOORBOTICS



FloorBot Quad 800 Product Brochure

About FLOORBOTICS

FLOORBOTICS employs cutting-edge technology to create set-and-forget robotic cleaners that run autonomously 24/7. With just a simple touch of a button, our robots spring into action, work on your tasks, and then notify you once they have completed their assigned tasks. With the use of sophisticated “set and forget” technology, daily cleaning problems can be minimised, leading to significant reductions in your ongoing expenses.



Leader in Robotic Cleaning Solutions



Scrubbing



Vacuumping



Sweeping



Mopping

4 Cleaning Functions

Maximise the effectiveness, efficiency, and consistency of your cleaning tasks

FloorBot Quad 800



FloorBot Quad 800

Product Specifications

Dimensions	800x700x1200 mm (WxHxD)
Weight without water	200 kg
Maximum efficiency	1,800 m ² /hr
Brush pressure	20 kg
Battery	24V / 60Ah, LiFePO ₄
Battery life	2.5-6 hours cleaning mode dependent
Sweeping width	800 mm
Scrubbing brush width	500 mm
Squeegee width	706 mm
Clean water tank volume	42 L Advanced and recycling filtration up to 3-5 times
Dirty water tank volume	30 L
Hopper volume	1.5 L
Maximum noise level	<70 dB(A)
Maximum slope	<8°
Sensors	LiDAR, ultrasonic sensor, cameras, wheel encoder, IMU, collision sensor, fall prevention sensor

FloorBot Quad 800



Autonomous Driving

Fully automatic safe autonomous driving



Versatile Adaptability

Adaptable to complex scenarios



All-in-One Floor Cleaning

Sweeping, vacuuming, washing and scrubbing all in one



Large Capacity

Large battery capacity and water tank



Cloud Integration

Able to autonomously call and take elevators without human assistance



Intelligent Detection

Autonomous obstacle avoidance



Intelligent Mapping

Able to map the area and corridors for future cleaning program



Automatic System

Automatic charging, filling and emptying of water

A Comprehensive Cleaning Solution for Small-medium Facilities

Applicable environments and flooring types

Hotels | Supermarkets | Workspaces | Retail Stores | Hospitals | etc.



Marble



Epoxy



Nylon



Ceramic



Artificial
Marble



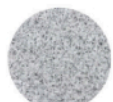
Concrete



Vinyl



Polyester



Granite



Tile &
Grout



Hardwood



PVC

FloorBot Quad 800 Workstation



FloorBot Quad 800 Workstation



Auto Refilling

The workstation can be used for water refilling. The docking station automatically refills clean solution into the robot, allowing it to operate continuously on 24/7.



Recharging

Recharges the Quad 800 robot machine



Drainage

Drains out the contaminated waste water into a drain or waste tank



Auto Emptying

The docking station automatically discharges contaminated water from the robot, allowing it to operate continuously on 24/7



Tank Cleaning

Manual hose to periodically rinse out the robot's contaminated waste water tank is attached to the docking station

The workstation is designed to support the FloorBot Quad 800 robot as an optional device



FloorBot Quad 800 Workstation

Product Specifications

Dimensions	500x430x1200 mm (WxHxD)
Weight without water	65 kg
Nominal input voltage	150~265VAC
Input current	≤16A
Output voltage range	8~30±0.4V
Max. charging current	50±0.5A
Water filling rate	7~10L/min
Water drainage rate	3~6L/min
Dirty water tank capacity:	8 L

Supplied as standard with a charger.

Water Filling | Drainage | Charging | Recharging | Refilling

Accommodation



Retail Spaces



Workspaces



Healthcare



Supermarkets



Factory/Warehouse



Commercial







Public Venues



FloorBot Quad 800

Available in:

-  Manual mode, walk-behind
-  Autonomous mode
-  Schedule /fleet management
-  Desktop and mobile app



FloorBotics

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