

GS Ecobot 50 Pro

powered by Gausium Robotics

Autonomous scrubbing & drying robot

Ideal for: Education | Retail | Healthcare | Public

Advanced Cleaning Efficiency Up to 1,800 m²/h scrub and drying for perfect cleaning of hard floors. **Multiple sensors**

Independent 360-degree view that allows the robot to operate completely hands-free. Latest 2D lidar, visual sensors, ultrasonic and passive collision sensors.

Recycling system

Advanced four-stage purification system that can filter water to one micron, providing clean, reusable water and eliminating waste water and chemicals significantly lessen the environmental impact and extend m² coverage.

Connectivity

Communicates with the operator and generates detailed reports including area cleaned or consumption of water.

Ease of use

With simple to understand touch screen control the user has the full insights into all information's. The teaching process is simple and quick. The robot is even able to calculate the perfect cleaning route.

Safety

LiDAR, 3D Camera, Anti-drop Sensor Air Pressure Collision Sensor ensure cutting-edge obstacle detection & avoidance. Safety is assured.

Work stations & docking stations

Two options available. Both with auto back to base & auto resume modes. The Workstation for charging, filling and discharging water. The Charging Station for recharging the battery only.



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GS ECOBOT 50 PRO TECHNICAL DATA

Dimensions

Length	860 mm	33 inches
Width	700 mm	27 inches
Height	1,030 mm	40 inches
Unladen Weight	155.5 kg	343 lb.
Squeegee Width	700 mm	27.6 inches

Brush System

Working width	50cm	20 inches
Brush system	2x22.9cm	2 x 9inches
Brush pressure max.	25kg	55lb

Cleaning

Max. Theoretical Productivity	1,800 m2/hr	19,375 ft/hr
Clean Water Tank	24 L	6.3 gal.
Recovered Water Tank	18 L	4.8 gal.

Movement

Gradeability (Auto Cleaning)	4.6°	4.6°
Gradeability (Auto Driving)	8°	8°
UptimeMax. Moving Speed	1 m/s	2 mph
Min. Distance from Wall	50-100 mm	2-4 inches
Min. Passable Width (Auto)	930 mm	36.6 inches
Min. Turn-around Width (Auto)	1,200 mm	47 inches

Electrical

Battery Type	Lithium Ion Phosphate	
Battery Capacity	60 Ah	
Rated Voltage	24 VDC	
Max. Output Power	1,200 W	1.6 hp
Charging Time	2.0 hours	
Uptime	3-8 hours	

Sensing

Standard	2D LiDAR, 3D Depth Camera, 3D ToF Camera, etc.	
Standard	RFID Cliff Sensor, RGB Camera	

PRODUCT CODES

7525333	TASKI GS Robot Ecobot 50 Pro
7525334	TASKI GS Workstation 50
7525335	TASKI GS Charging Station 40/50