

GS Ecobot 50 Pro

Autonomous scrubbing & drying robot Unlock the potential of automated cleaning!

Advanced Cleaning Efficiency

Up to 19,375 ft/hr | 1,800 m/h scrub and drying productivity 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 reducing the environmental impact and extend ft²/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 controls, the user has full insight into all information. 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 and Air Pressure Collision Sensor ensure cutting-edge obstacle detection & avoidance. Safety is assured.

Workstation & Charging Station

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



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	46 cm	18 inches
Brush system	2 x 22.9 cm	2 x 9 inches
Brush pressure max.	25 kg	55 lb.

Cleaning

Max. Theoretical Productivity	1,800 m ² /hr	19,375 ft ² /hr
Clean Water Tank	30 L	7.9 gal.
Recovered Water Tank	24 L	6.3 gal.

Movement

Gradeability (Auto Cleaning)	4.6°	4.6°
Gradeability (Auto Driving)	8°	8°
Max. 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 DESCRIPTION

TASKI GS Robot Ecobot 50 Pro - Includes machine with li-ion battery installed plus off-board shelf charger (not a charging station); consumables including: two floor pads, two pad drivers, two brushes, two filters, squeegee blade set (front/rear); standard install, mapping, and training plus one-year service/support program - COBOTIQ "Co-Pilot"	993936
TASKI GS Workstation 50	D7525334
TASKI GS Charging Station 40/50	D7525335

PRODUCT CODES