

TASKI[®]The **ULTIMATE**
Cleaning Machines

GS Ecobot 50 Pro

powered by Gausium Robotics

Autonomous scrubbing & drying robot

Ideal for: Education | Retail | Healthcare | Public

Advanced Cleaning Efficiency

The GS Ecobot 50 Pro delivers high-performance cleaning with a capacity of up to 1,800 m² per hour. Its 30-liter tank enables long operating cycles, reducing downtime and maximizing productivity across large areas.

Multiple sensors

An advanced sensor system combining LiDAR, vision and collision sensors ensures precise navigation, reliable obstacle detection and safe operation in dynamic environments.

Recycling system

The integrated four-stage filtration system cleans water down to one micron, allowing reuse during operation. This significantly reduces water consumption, chemical usage and environmental impact while extending effective cleaning coverage.

Connectivity

Facilitating seamless communication with the operator, our system generates comprehensive reports, detailing crucial information such as the area cleaned and water consumption. This feature enhances transparency and accountability, providing valuable insights into the cleaning process for effective management and optimization.

Ease of use

A user-friendly touchscreen interface provides clear access to all functions and system information. Intelligent route planning ensures efficient coverage and consistent cleaning results with minimal operator intervention.

Safety and IEC 63327 compliance

Elevating safety to our foremost priority, Ecobot 50 integrates LiDAR, cameras, anti-drop sensors, and advanced obstacle detection to ensure secure operation and a safe environment. Fully compliant with IEC 63327, the international safety standard for commercial cleaning robots: TASKI robots protect customers, guests, and you. Safety is non-negotiable.

Work stations & docking stations

Two docking options are available. The workstation supports automatic charging, water refilling and waste discharge with auto-resume functionality, while the charging station focuses on fast and efficient battery recharging.

Dosing System

The automatic chemical dosing system precisely controls detergent concentration, ensuring optimal cleaning performance while preventing overuse and eliminating manual mixing.

HEPA-Filtration

An integrated HEPA filter captures fine airborne particles during operation, contributing to improved indoor air quality and a healthier environment for visitors and staff.



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Technical Data		GS ECOBOT 50 PRO	
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	46cm	18.1 inches	
Brush system	2x22.9cm	2 x 9 inches	
Brush pressure max.	25kg	55lb	
Cleaning			
Max. Theoretical Productivity	1,800 m2/hr	19,375 ft/hr	
Max. Area per tank fill	1200 m2	13000 ft2	
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		
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			
9305391	TASKI GS Ecobot 50 4.2		
9308945	TASKI GS Ecobot Workstation 50 V4.2		
7525335	TASKI GS Charging Station 40/50		