

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

Optimize your cleaning efficiency with a capacity of up to 1,800 m²/h. The substantial 30L tank empowers the machine to cover 1,200 m² on a single tank, enhancing productivity and minimizing downtime.

Multiple sensors

Experience unparalleled autonomy with an array of sensors. Employing cutting-edge 2D lidar, visual sensors, and passive collision sensors, our technology ensures precision and safety in every operation.

Recycling system

An advanced four-stage filtration system capable of filtering water to one micron, our solution ensures the provision of reusable water. This not only eliminates the generation of waste water and reduces chemical usage but also substantially mitigates environmental impact. By doing so, it extends coverage efficiency in terms of square meters.

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

Empower users with an intuitive touch screen control interface, offering comprehensive insights into all relevant information. The user-friendly design ensures ease of understanding, while the simplified and swift teaching process. Leveraging advanced capabilities, the robot adeptly calculates the optimal cleaning route, ensuring efficiency and precision in every operation.

Safety

Elevating safety to our foremost priority, our system incorporates cutting-edge technology such as LiDAR, cameras, anti-drop sensors, and state-of-the-art obstacle detection & avoidance mechanisms. This ensures the robot operates in a consistently secure manner, guaranteeing a safe and protected working environment at all times.

Work stations & docking stations

Choose from two available options, each equipped with auto back to base and auto resume modes. The Workstation serves as a multifunctional hub for charging, water filling, and discharging, providing a comprehensive solution. Alternatively, the Charging Station focuses solely on efficiently recharging the battery.

Dosing System

The chemical dosing system seamlessly automates the dosage of chemicals to a user-defined level, eliminating the need for manual dosing into the water tank. This guarantees a consistently precise and accurate application of chemicals, ensuring optimal cleaning efficacy while minimizing the risk of overuse or underuse.

HEPA-Filtration

Enhance indoor air quality with the included HEPA filter, designed to eliminate microscopic particulates from the air. This High Efficiency Particulate Air filter ensures a superior environment for guests or visitors at the facility, contributing to a clean and healthy atmosphere.



GS Ecobot 50 Pro

powered by Gausium Robotics

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 m ² /hr	19,375 ft ² /hr
Max. Area per tank fill	1200 m ²	13000 ft ²
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

7525455	TASKI GS Robot Ecobot 50 Pro
7525334	TASKI GS Workstation 50
7525335	TASKI GS Charging Station 40/50