



# SCRUBBER 50

AI-Powered Robotic Floor Scrubber  
for Medium to Large Spaces



# Key Features

## Versatile Cleaning

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### 3-in-1 Solution

Integrates scrubbing, sweeping, and dust mopping in a single solution.

### 2 Main Brush Options

Choose between a disc brush or a roller brush to suit your specific cleaning requirements.

## AI-Powered Perception

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### Spot Cleaning Mode

Proactively detects and cleans waste using RGB camera and AI algorithms, bringing up to 400% efficiency improvement

### Smart Obstacle Avoidance

Recognizes passengers and obstacles and makes advanced behavior decisions according to the types and characteristics of obstacles.

## Sustainability

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### Water Recycling

Features a built-in multi-stage filtration system that recycles and reuses water, reducing freshwater consumption by approximately 80%.

### Energy Efficient

Delivers up to 10 hours of runtime in the Spot Cleaning mode, reducing energy consumption by approximately 75%.

## Effortless Maintenance

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### Quick-Release Cleaning Components

The squeegee assembly and filter components feature a quick-release design for tool-free disassembly and reassembly within seconds.

### Docking Stations

Optional workstation for self-docking power charging and water management.

## Applicable Flooring Types

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Natural Stone



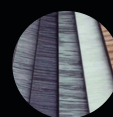
Artificial Stone



Ceramic



Concrete



PVC



Epoxy



## Specification

	Disc Brush	Roller Brush
Net Weight	149 kg   328.5 lb	128 kg   282.2 lb
Cleaning Width	460 mm   18.1 in	406 mm   16 in With side brushes: 780 mm   30.7 in
Edge Cleaning Capability	40 mm   1.6 in	406 mm   16 in With side brushes: 0 mm   0 in
Brush Pressure	25 kg   55 lb	18 kg   39.7 lb
Trash Tray Capacity		2×0.6 L   2×0.16 gal
Max. Runtime	Scrubbing 3 h Dust Mopping 8 h	Scrubbing 3 h Dust Mopping 6 h

Dimension (L×W×H) 810×700×1,070 mm | 31.9×27×42.1 in

Charging Time 2 h

Clean/Waste Water Tank 30L / 24 L | 7.9 gal / 6.3 gal

Practical Cleaning Efficiency 500-1,200 m<sup>2</sup>/h | 5,382-12,917 ft<sup>2</sup>/h

Gradeability 4.6°

Min. Pass Width 900 mm | 35.4 in

Min. U-turn Width 1,200 mm | 47 in

Max. Cleaning Speed 1 m/s | 2.2 mph

Sensor System 2D LiDAR, 3D Depth Camera, RGB Camera, Anti-Collision Sensor, etc.

Note : The specifications are derived from Gausium lab test results; actual performance data may vary in specific applications.

Award-Winning **Excellence**  
Best-Selling Choice

