



SCRUBBER 50

AI-Powered Robotic Floor Scrubber
for Medium to Large Spaces



Key Features

Versatile Cleaning

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

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

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

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



NaturalStone



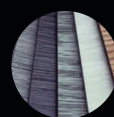
Artificial Stone



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 m²/h | 5,382-12,917 ft²/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.

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