

SCRUBBER 50

Al-Powered Robotic Floor Scrubber

for Medium to Large Spaces

(Certified to IEC 63327:2021 Standards)











Key Features

Versatile Cleaning

(So) 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.

Al-Powered Perception

Spot Cleaning Mode

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

(§) Smart Obstacle Avoidance

Recognizes people and obstacles, making advanced behavior decisions based on their types and characteristics.

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.

(a) Docking Stations

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

Applicable Flooring Types





Natural Stone

Artificial Stone

Ceramic

Concrete

PVC

Ероху



Specification*

	Disc Brush	Roller Brush	
Net Weight	157 kg 346.1 lb	148 kg 326.3 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	40 mm 1.6 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	
Max. Scrubbing Efficiency (Theoretical)	1,987 m²/h 21,388 ft²/h	1,754 m²/h 18,880 ft²/h	
Practical Cleaning Efficiency		500-1,300 m²/h 5,382-13,993 ft²/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	
Gradeability		4.6°	
Min. Pass Width		800 mm 31.5 in	
Min. U-turn Width		1,100 mm 43.3 in	
Max. Cleaning Speed		1.2 m/s 2.7 mph	
Sensor System	2D LiDAR, 3D Depth Camera, RO	2D LiDAR, 3D Depth Camera, RGB Camera, Anti-Collision Sensor, etc.	

Award-Winning Excellence Best-Selling Choice







