



Scrubber 50 Pro
AI-Powered Robotic Floor Scrubber



SMART AND FLEXIBLE

Unprecedented efficiency and flexibility

Scrubber 50 Pro offers the most diversified path planning modes to deliver the highest degree of flexibility in cleaning plan customization. Its groundbreaking Auto Spot Cleaning mode allows it to detect and remove the stains right off before they're spread all over the floor, and brings up to 4-time efficiency improvement by cleaning only when necessary.

- Groundbreaking Auto Spot Cleaning
- Simultaneous floor cleaning and atomizing disinfection
- Up to 1,800 m²/h cleaning efficiency

CLEANING MADE EFFORTLESS

Simplify your work process

Scrubber 50 Pro will make cleaning much easier with little need for human interference. It perceives environmental changes, updates the map and reroutes itself in real time – you don't need to stand by to save it from getting lost or stuck. With the optional workstation, the robot can perform automatic power charging and water refill by itself. It also offers remote access via Gausium mobile app that enables you to monitor and control your cleaning task from anywhere.

- Smart obstacle avoidance and rerouting
- Remote-control mobile app
- One-stop service workstation

BUILT TO LAST

Meet your sustainable development goals

Scrubber 50 Pro is made of enduring, easy-to-recycle materials. It adopts LFP batteries with a long lifespan of 2,000 cycles. Equipped with a water recycling filtration system, Scrubber 50 Pro reduces around 80% freshwater usage. The Auto Spot Cleaning mode also ensures the most efficient operation path to curtail water and energy consumption.

- Durable LFP batteries of 2,000 cycles
- Ultra-long atomizer lifespan of 5,000 hours
- Built-in water-saving filtration system

Key Features:

➔ 4 in 1

Integrating scrubbing, sweeping, dust mopping and sanitizing (optional sprayer kit)

👤 Ergonomic Manual Mode

Ergonomic handle with a powerassist system to help steer the machine

💧 5-stage Filtration System

Recycling water and reducing ~80% of freshwater consumption

📏 Superb Productivity

Up to 1,800 m²/h cleaning efficiency with disc brush and 1,656 m²/h with roller brush

🔌 Minimal Human Intervention

Optional workstation for selfdocking power charging, water refill and discharge

🎯 Auto Spot Cleaning

Scanning the cleanliness of the nearby floor and autonomously performing spot cleaning where waste or stains are detected, bringing up to 4X efficiency improvement and significantly reducing energy consumption



Superb performance in a broad range of applications:

Shopping centers | Supermarkets | Transportation hubs
Office buildings | Hotels | Hospitals | Schools | Sports hall | etc.



SPECIFICATION

DIMENSION	DISC BRUSH	ROLLER BRUSH
Length	860mm 33 in	860mm 33 in
Width	700 mm 27 in	700 mm 27 in
Height	1,030 mm 40 in	1,030 mm 40 in
Unladen Weight	150kg 330 lb	140 kg 308 lb
Scrubbing Width	500 mm 20 in	460 mm 18 in
Squeegee Width	700 mm 27.6 in	700 mm 27.6 in
CLEANING	DISC BRUSH	ROLLER BRUSH
Max. Theoretical Productivity	1,800 m ² /h 19,375 ft ² /h	1,656 m ² /h 17,825 ft ² /h
Brush Pressure	25 kg 55 lb	18.3 kg 40.3 lb
Clean Water Tank	24 L 6.3 gal	24 L 6.3 gal
Recovered Water Tank	18 L 4.8 gal	18 L 4.8 gal
Trash Tray	/	2*0.6 L 2* 0.16 gal
MOVEMENT	DISC BRUSH	ROLLER BRUSH
Gradeability (Autonomous Cleaning)	4.6°	4.6°
Gradeability (Autonomous Driving)	8°	8°
Max. Moving Speed	1 m/s 2 mph	1 m/s 2 mph
Min. Distance from Wall	50-100 mm 2-4 in	50-100 mm 2-4 in
Min. Passable Width (Auto)	930 mm 36.6 in	930 mm 36.6 in
Min. Turn-around Width (Auto)	1,200 mm 47 in	1,200 mm 47 in
ELECTRICAL	DISC BRUSH	ROLLER BRUSH
Battery Type	Lithium Iron Phosphate	Lithium Iron Phosphate
Battery Capacity	60 Ah	60 Ah
Rated Voltage	24 VDC	24 VDC
Max. Output Power	1,200 W 1.6 hp	1,200 W 1.6 hp
Charging Time (40 Ah / 60 Ah)	≈ 2.0 hours	≈2.0 hours
Uptime (40 Ah / 60 Ah)	≈3-8 hours	≈3-6 hours
SENSING		
Standard	2D LiDAR, 3D Depth Camera, 3D ToF Camera, etc.	
Optional	RGB Camera, RFID Cliff Sensor	
SANITIZING		
Atomized Particle	1-5 micron	
Nozzle Number	2	
Atomizing Duration	3 hours	
Atomizer Lifespan	5,000 hours	
Recommended Disinfectant	Hypochlorous Acid, QAC Disinfectant, etc.	

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