



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.¹

- Groundbreaking Auto Spot Cleaning²
- Up to 2,527 m²/h cleaning efficiency³

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
- Built-in water-saving filtration system

Key Features:

➔ 3 in 1

Integrating scrubbing, sweeping, dust mopping.

👤 Ergonomic Manual Mode

Easy manual operation - effortlessly walking and steering the machine with the ergonomic handle

💧 5-stage Filtration System

Recycling water and reducing ~80% of freshwater consumption

📏 Superb Productivity

Up to 1,490 m²/h cleaning efficiency with disc brush and 2,527 m²/h with roller brush³

🔌 Minimal Human Intervention

Optional workstation for selfdocking power charging, water refill and discharge

🎯 Auto Spot Cleaning²

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.



¹ Compared with standard cleaning mode
² Available via OTA upgrade in 2023
³ Roller brush version with side brushes

SPECIFICATION

DIMENSION	DISC BRUSH	ROLLER BRUSH
Length	810 mm 31.9 in	810 mm 31.9 in
Width	700 mm 27 in	700 mm 27 in
Height	1,070 mm 42.1 in	1,070 mm 42.1 in
Unladen Weight	148 kg 326.3 lb	129 kg 284.4 lb
Cleaning Width	460 mm 18.1 in	406 mm 16 in 780 mm (with side brushes) 30.7 in
CLEANING	DISC BRUSH	ROLLER BRUSH
Max. Theoretical Productivity	1,490 m ² /h 16,038 ft ² /h	1,315 m ² /h 14,154 ft ² /h 2,527 m ² /h (with side brushes) 27,200 ft ² /h
Brush Pressure	25 kg 55 lb	18 kg 39.7 lb
Clean Water Tank	30 L 7.9 gal	30 L 7.9 gal
Recovered Water Tank	24 L 6.3 gal	24 L 6.3 gal
Trash Tray	/	2*0.6 L 2* 0.16 gal
MOVEMENT	DISC BRUSH	ROLLER BRUSH
Gradeability	4.6°	4.6°
Max. Moving Speed	0.9 m/s 2 mph	0.9 m/s 2 mph
Min. Distance from Wall	40 mm 1.6 in	0 mm (with side brushes) 0 in
Min. Passable Width	900 mm 35.4 in	900 mm 35.4 in
Min. Turn-around Width	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
Charging Time	≈ 2.0 hours	≈ 2.0 hours
Uptime	≈ 3-8 hours	≈ 3-6 hours
SENSING	2D LiDAR, 3D Depth Camera, RGB Camera, Anti-Collision Sensor, etc.	
Standard		

Note: Derived from Gausium's test results; actual performance data may vary in specific applications.

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