



**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.<sup>[1]</sup>

- Groundbreaking Auto Spot Cleaning<sup>[2]</sup>
- Up to 1,490 m<sup>2</sup>/h cleaning efficiency<sup>[3]</sup>

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

Say goodbye to wasted time and laborious cleaning routine with a cleaning efficiency up to 1,490 m<sup>2</sup>/h<sup>[3]</sup>

### 🔌 Minimal Human Intervention

Optional workstation for selfdocking power charging, water refill and discharge

### 🎯 Auto Spot Cleaning<sup>2</sup>

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.



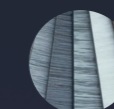
Natural Stone



Artificial Marble / Granite



Ceramic



PVC & Vinyl



Epoxy



Concrete



[1] Compared with standard cleaning mode

[2] The feature will be available via OTA update in 2024 Q4.

[3] Derived from Gausium's test results. The actual performance may vary in specific applications.

# 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	149 kg   328.5 lb	128 kg   282.2 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
Practical Productivity	500-1,200 m <sup>2</sup> /h   5,382-12,917 ft <sup>2</sup> /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	1 m /s   2.2 mph	1 m /s   2.2 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
Max. Runtime	Scrubbing: 3h Dust Mopping: 8h	Scrubbing: 3h Dust Mopping: 6h
SENSING		
Standard	2D LiDAR, 3D Depth Camera, RGB Camera, Anti-Collision Sensor, etc.	

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

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