

Scrubber 50 Pro

Innovative Robotic Floor Scrubber

Scrubber 50 Pro (S50 Pro) provides a consistent, high-quality clean that's backed by real-time actionable data. The solution was designed with the user and safety in mind, so teams can clean more with less work. S50 Pro offers smart path planning modes to simplify deployment, future environment updates and map customization.

- Autonomously cleans 8,000-12,000 sq. ft. per hour
- Medium-sized scrubber with unique recycling system, allowing continuous operation for up to 3 hours



Streamline your cleaning operations

S50 Pro simplifies the floor cleaning process with little need for human intervention. 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.

- Smart obstacle avoidance and rerouting
- One-stop service workstation



Meet your sustainability goals

S50 Pro is made of enduring, easy-to-recycle materials. It uses LFP batteries with a long lifespan of 2,000 cycles. Equipped with a water recycling filtration system, S50 Pro reduces around 75% of freshwater usage

- Durable LFP batteries of 2,000 cycles
- Built-in water-saving filtration system

Ideal for a wide range of environments

Shopping malls | Supermarkets | Hospitals | Office Buildings | Hotels | Schools | And More

Key Features

Flexible and Efficient

Flexible cleaning configurations ensure compatibility with a range of floor types

Superb Productivity

Up to 12,000 sq. ft. cleaning efficiency per hour with disc brush

Ergonomic Manual Mode

Easy manual operation - effortlessly steer the machine with ergonomic handle

Minimal Human Intervention

Optional workstation for self-docking power charging, water refill and discharge

5-Stage Filtration System

Recycling water and reducing ~75% of freshwater consumption

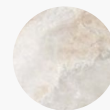
S50 Pro Specifications

With scrubbing and dry mopping capabilities, a smart cleaning mode that allows the machine to chart the most efficient path on its own, an innovative water recycling system, and a battery charge time of only 1.5 hours -- all in a compact size and design -- the S50 Pro is your solution for optimal cleaning efficiency.

DIMENSIONS	
Length	33 in 860mm
Width	27 in 700 mm
Height	40 in 1,030 mm
Unladen Weight	330 lb 150kg
Scrubbing Width	20 in 500 mm
Squeegee Width	27.6 in 700 mm
CLEANING	
Cleaning Efficiency	12,000 ft ² /h 1,115 m ² /h
Brush Pressure	55 lb 25 kg
Clean Water Tank	6.3 gal 24 L
Recovered Water Tank	4.8 gal 18 L
MOVEMENT	
Gradeability	4.6°
Max. Moving Speed	2 mph 1 m/s
Min. Distance from Wall	2-4 in 50-100 mm
Min. Passable Width (Auto)	36.6 in 930 mm
Min. Turnaround Width (Auto)	47 in 1,200 mm
ELECTRICAL	
Battery Type	Lithium Iron Phosphate
Battery Capacity	60 Ah
Rated Voltage	24 VDC
Max. Output Power	1.6 hp 1,200 W
Charging Time (60 Ah)	~1.5 hours
Uptime (60 Ah)	~3-8 hours
SENSING	
Standard	2D LiDAR, 3D Depth Camera, 3D ToF Camera, Ultrasonic



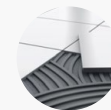
Compatible with a range of hard floor types



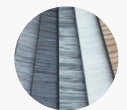
Stone



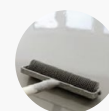
Terrazzo



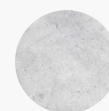
Ceramic
Tile



PVC & Vinyl



Epoxy



Concrete