GAUSIUM

CANDROID

SIMPLIFY, SERVE, SAVE

Scrubber 75

Heavy-duty Cleaning with Best-in-class Sensing

SMART AND VERSATILE

Maximize your cleaning productivity and coverage

With its strong brush pressure and a cleaning efficiency up to 3,000 m2/h, Scrubber 75 is an ideal choice for large-area, heavy-duty cleaning. Simultaneous scrubbing and sweeping is achievable with roller brushes, and makes Scrubber 75 a competent cleaner for industrial sites where trash and debris are common on the floor. Its 270-degree rotational scrub deck enables cleaning tight corners and ensures maximal cleaning coverage.

- Simultaneous scrubbing and sweeping
- 270 degree rotational scrub deck
- Up to 3,000 m2/h cleaning efficiency

CLEANING MADE EFFORTLESS

Simplify your work process

Scrubber 75 will make cleaning work 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 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

ADVANCED SESNSING AND LIGHTING

An ultimate solution for car park cleaning

Scrubber 75P is customized for car park cleaning. It adopts automotive level sensor and lighting configurations to work smartly and safely in the dynamic environment of parking lots where a large volume of vehicles going in and out. The robot also has an oil cleaning mode to deal with the stubborn oil stains that are common on the floors of the parking lots.

- Oil stains cleaning
- Millimetre-wave radars
- Advanced lighting configuration

Superb Productivity

- Integrating scrubbing, sweeping, dust mopping and degreasing
- Up to 3,000 m2/h cleaning efficiency

Oil Stain Cleaning

Able to mark oil stains in the map and perform thorough oil cleaning.

270° Rotational Scrub Deck

Accessing and cleaning 90-degree corners, putting a stop to Incomplete cleaning once for all.

4-Stage Filtration System

Reducing around 80% freshwater consumption.

Ergonomic Manual Mode

Equipped with stand on pedal and steering wheel for users to effortlessly carry the machine around.

Minimal Human Intervention

Optional workstations for self docking charging, water refill and discharge.

Advanced lighting system (75 P)

Adopting flashing light, blue projection light and supplement light, distinctively communicating the machine position through vehicle-identifiable signals.

Best-in-class Sensing

Market leading sensor system consisting of 3D LiDAR, 2D laser and 3D Cameras. 75P is equipped with millimetre wave radar for faster and more accurate perception of the vehicle movements.

Superb performance in a broad range of applications:

Shopping centres | Supermarkets | Parking lots | Transportation Hubs | Manufacturing plants | Logistics warehouse | Plazas | etc.

Natural stone

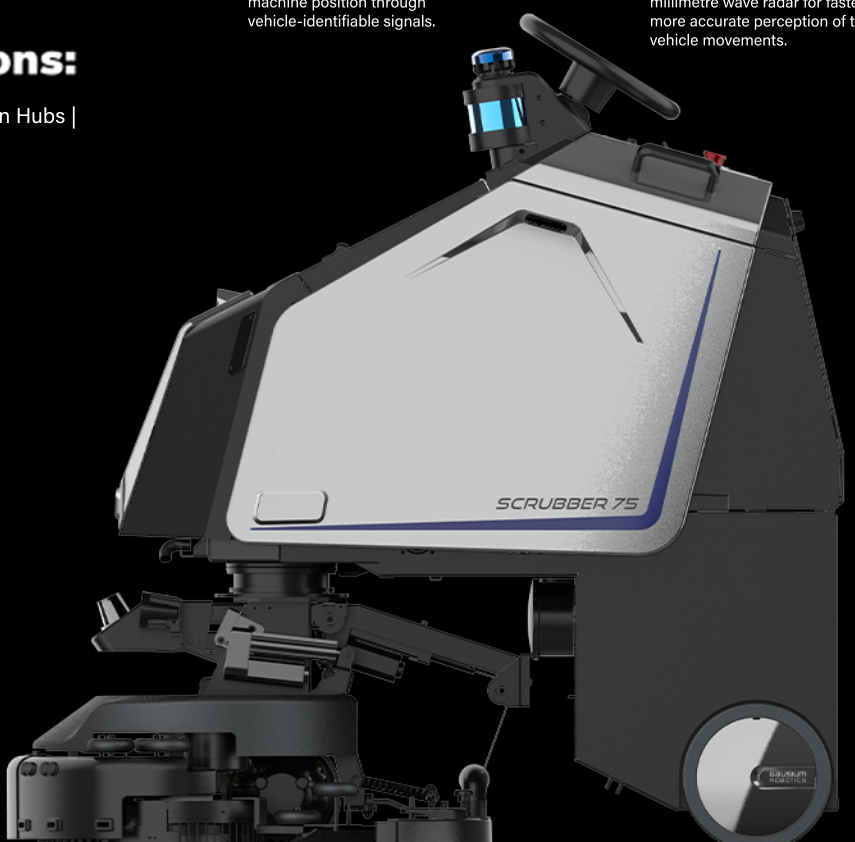
Artificial Marble/Granit

Ceramic

PVC & Vinyal

Epoxy

Concrete



SPECIFICATION

DIMENSION	
Length	1,370 mm | 54 in
Width	962 mm | 38 in
Height	1,417 mm | 56 in
Unladen Weight	400 kg | 900 lb
Cleaning Width	750 mm | 29 in
CLEANING	
Max. Scrubbing Productivity	3,000 m^2/h | 32,300 ft^2/h
Brush Pressure	45 kg | 99 lb
Clean Water Tank	75 L | 20 gal
Recovered Water Tank	50 L | 13 gal
MOVEMENT	
Gradeability (Autonomous Cleaning)	3°
Gradeability (Autonomous Driving)	8°
Max. Moving Speed	1.1 m/s | 2.5 mph
Min. Passable Obstacle Height	10 mm | 0.4 in
Min. Turn-around Width (Autonomous)	2,000 mm | 47 in
ELECTRICAL	
Battery Type	Lithium Iron Phosphate
Battery Capacity	240 Ah
Rated Voltage	24 VDC
Max. Output Power	2,000 W | 2.6 hp
Charging Time	5 hours
Uptime	≈ 4-6 hours
SENSING	
75 S	3D LiDAR, 2D LiDAR, 3D Depth Camera Air Pressure Collision Sensor
75 P	3D LiDAR, 2D LiDAR, 3D Depth Camera Air Pressure Collision Sensor, Millimeter-wave Radars

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

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