GAUSIUM

Scrubber 75 / Parking

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° rotational scrub deck enables cleaning tight corners and ensures maximal cleaning coverage.

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

ADVANCED SENSING AND LIGHTING

An ultimate solution for car park cleaning

Scrubber 75 P 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.

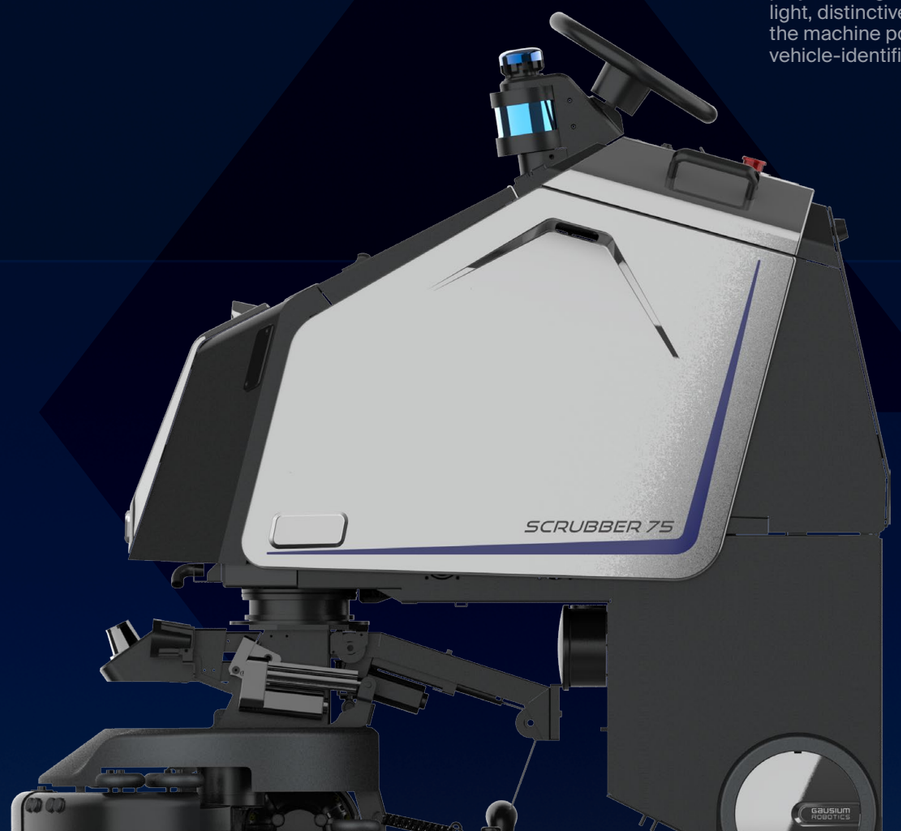
- Oil stain cleaning
- Millimeter-wave radars
- Advanced lighting configuration

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



Key Features:

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° corners, putting a stop to incomplete cleaning once and for all

5-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 workstation 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. 75 P is equipped with Millimeterwave radars for faster and more accurate perception of the vehicle movements

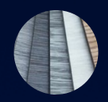
Superb performance in a broad range of applications:

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

Natural Stone

Artificial Marble / Granite

Ceramic


PVC & Vinyl

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)	5°
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	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

Gaussian Robotics
Valeton 4 N, 5301LW Zaltbommel, The Netherlands

Our Offices:
Singapore 3 Fusionopolis Place, Galaxis Work Loft #04-52/53 Singapore
HongKong SAR RM 212, Core Building No.1E, Hong Kong Science Park Phase 1, 1 Science Park East Avenue, Shatin, NT
Mainland China No. 666 Shengxia Rd., Pudong District, Shanghai, China

+31 (0)611872148 E-mail: support@gausium.com www.gausium.com
@Gausium Official

*Gausium is a registered trademark of Gaussian Robotics.
*All content is subject to change.
©Gaussian Robotics 2022