



ALPHAROBOTICS SOLUTIONS
SMART TECH. HUMAN TOUCH

AlphaRobotics Scrubber 75

Robotic Floor Scrubber for Large-Scale Commercial and Industrial Environments

Heavy-Duty Cleaning with Best-in-Class Sensing

SCRUB



Natural
Stone

Artificial
Stone

Ceramic

Concrete

PVC & Vinyl

Industrial-strength scrubbing with a 270° rotational scrub deck and market-leading sensor system.



Operational Overview & Applications

The AlphaRobotics Scrubber 75 is a robotic floor scrubber for large-scale commercial and industrial environments, delivering up to 3,000 m²/h scrubbing efficiency with a 750 mm cleaning width and 45 kg of brush pressure. Its 270° rotational scrub deck effortlessly accesses and cleans 90° corners, while an oil cleaning mode with a detergent kit tackles heavily contaminated industrial floors and underground garages.



99 lb | 45 kg
Brush pressure

≈ 4–6 h
Runtime

20 / 13 gal
Clean / waste water
tank (75 L / 50 L)

Ideal Environments

Natural
Stone

Artificial
Stone

Ceramic

Concrete

PVC & Vinyl

Core Operating Value

- 270° rotational scrub deck** Effortlessly accesses and cleans 90° corners, putting a stop to incomplete cleaning once and for all.
- Oil Cleaning Mode** Removes stubborn oil stains with a detergent kit — ideal for industrial environments and underground garages.
- Best-in-class sensing** 3D LiDAR and an optional millimeter-wave radar (75 P) ensure unparalleled precision and reliability.



Key Technology Features

Industrial-strength cleaning power with advanced sensing and lighting.

750 mm Cleaning Width

Delivers up to 3,000 m²/h scrubbing efficiency, expertly designed for heavy-duty cleaning tasks in large spaces.

270° Rotational Scrub Deck

Effortlessly accesses and cleans 90° corners, putting a stop to incomplete cleaning once and for all.

45 kg Brush Pressure

Delivers exceptional scrubbing force for deep and effective cleaning.

Oil Cleaning Mode

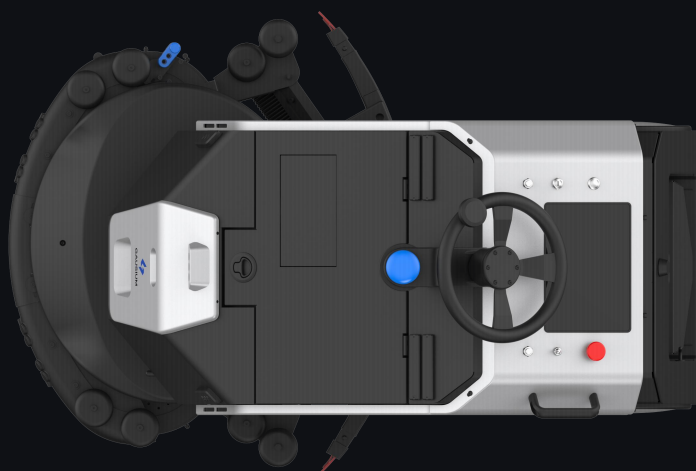
Capable of removing stubborn oil stains with a detergent kit — ideal for heavily contaminated industrial environments and underground garages.

Best-in-Class Sensing

A market-leading sensor system including 3D LiDAR and an optional millimeter-wave radar (75 P) for unparalleled precision and reliability.

Enhanced Lighting

Flashing lights, headlights and other lighting elements clearly communicate the machine's position.





Safety Systems & Maintenance

Market-leading sensing with ergonomic manual operation when you need it.

Best-in-Class Sensing

3D LiDAR with optional millimeter-wave radar (75 P) ensures unparalleled precision and reliability in complex industrial sites.

Enhanced Lighting

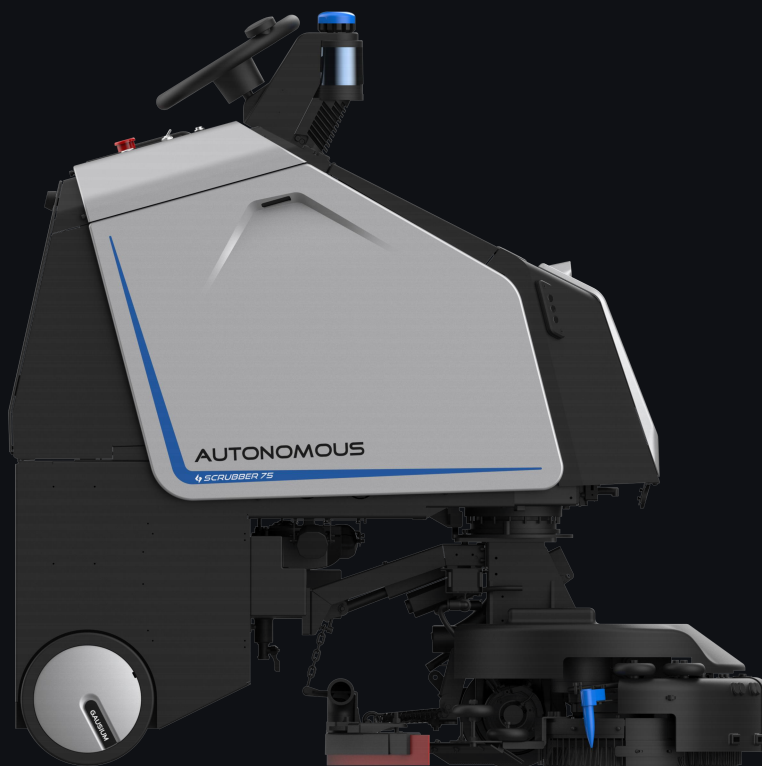
Flashing lights, headlights and other lighting elements clearly communicate the machine's position to people nearby.

Ergonomic Manual Operation

A stand-on pedal and steering wheel let users effortlessly carry the machine around whenever manual control is preferred.

Water Recycling & Docking

Built-in multi-stage filtration cuts freshwater use by ~80%; a standard workstation handles self-docking charging and water management.





Complete Specification Matrix

Manufacturer specifications preserved in dual units — imperial and metric.

PARAMETER	TECHNICAL VALUE
GENERAL SPECIFICATIONS	
Dimension (L×W×H)	54 × 38 × 56 in 1,370 × 962 × 1,417 mm
Net Weight	900 lb 400 kg
Cleaning Width	29.5 in 750 mm
Brush Pressure	99 lb 45 kg
Clean / Waste Water Tank	20 gal / 13 gal 75 L / 50 L
Practical Cleaning Efficiency	7,535–15,069 ft ² /h 700–1,400 m ² /h
Max. Cleaning Efficiency (Theoretical)	32,292 ft ² /h 3,000 m ² /h
Gradeability	8°
Min. Pass Width	General: 55.1 in 1,400 mm; Underground garage: 70.9 in 1,800 mm
Min. U-turn Width	78.7 in 2,000 mm
Max. Cleaning Speed	2.5 mph 1.1 m/s
Runtime	≈ 4–6 h
Charging Time	≈ 6 h
Sensor System	75 S: 3D LiDAR, 2D LiDAR, 3D Camera, Air Pressure Collision Sensor, Anti-Drop Sensor 75 P: 3D LiDAR, 2D LiDAR, 3D Camera, Air Pressure Collision Sensor, Anti-Drop Sensor, Millimeter-wave Radar
Optional Configuration (EU-Specific)	Roller Brush, Trash Tray, Headlights, Millimeter-wave Radar

Note: The specifications are derived from manufacturer lab test results; actual performance data may vary in specific applications.



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AlphaRobotics Scubber 75

The Reliable, Hassle-free Robots You Can Trust



Leading the New Era of Cleaning Robotics

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Smart Tech. Human Touch.