GAUSIUM

OMNIE

AI-Powered Robot Floor Cleaner
for High-Dynamic Environments

Key Features

OmniVision

360° camera coverage with 360° object detection and a bird's-eye view for enhanced obstacle avoidance and precise navigation.

OmniClean

Offers a 780 mm cleaning width with dual roller brushes and dual side brushes, efficiently scrubbing and collecting debris into the built-in debris tray.

OmniLiDAR

360° LiDAR coverage, optimized for large highly dynamic industrial environments.

OmniSpotCleaning

Precisely identifying and cleaning both dry and wet waste powered by AI deep learning.

Applicable Flooring Types

Natural Stone

Artificial Stone

Ceramic

Concrete

PVC

Epoxy

Specification*

	Disc Brush	Roller Brush
Net Weight	157 kg | 346.1 lb	148 kg | 326.3 lb
Cleaning Width	520 mm | 20.5 in	406 mm | 16 in With side brushes: 780 mm | 30.7 in
Max. Cleaning Efficiency (Theoretical)	Scrubbing: 2,621 m²/h | 28,212 ft²/h Dust Mopping: 3,604 m²/h | 38,793 ft²/h	Scrubbing: 2,046 m²/h | 22,023 ft²/h Sweeping: 3,931 m²/h | 42,313 ft²/h Dust Mopping: 3,604 m²/h | 38,793 ft²/h
Dimension (L×W×H)		810×700×1,070 mm | 31.9×27×42.1 in
Max. Runtime		Scrubbing 3 h, Dust Mopping 8 h, Sweeping 8 h
Charging Time		2 h
Clean/Waste Water Tank		33L / 24 L | 8.7 gal / 6.3 gal
Gradeability		4.6°
Min. Pass Width		800 mm | 31.5 in
Min. U-turn Width		1,100 mm | 43.3 in
Max. Cleaning Speed		1.4 m/s | 3.1 mph
Sensor System		3D LiDAR, 2D LiDAR, 3D Depth Camera, RGB Camera, Anti-Collision, Anti-Drop

*Note : [1]The specifications are derived from Gausium lab test results; actual performance data may vary in specific applications.
[2]Alternative configurations compliant with IEC 63327 are available upon request. Please note that the corresponding specifications may vary depending on the chosen configuration.

OMNI **POWER**
FOR A NEXT-LEVEL CLEAN