GAUSIUM

OMNIE

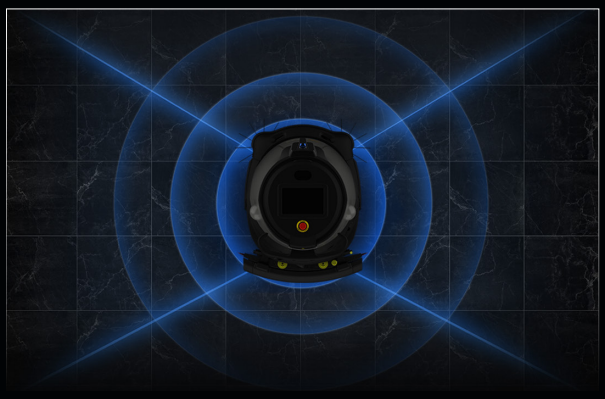
AI-Powered Robot Floor Cleaner
for High-Dynamic Environments



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.



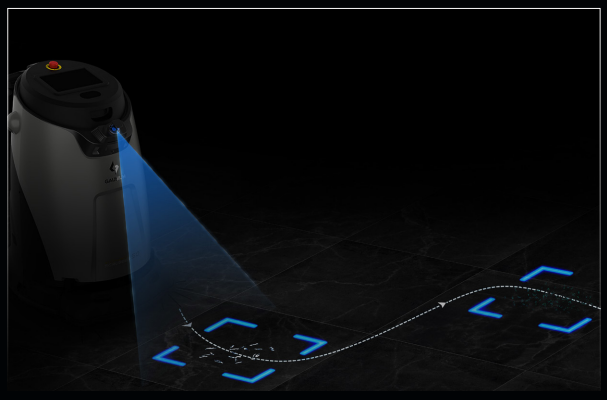
OmniLiDAR

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 m^2/h | 28,212 ft^2/h Dust Mopping: 3,604 m^2/h | 38,793 ft^2/h	Scrubbing: 2,046 m^2/h | 22,023 ft^2/h Sweeping: 3,931 m^2/h | 42,313 ft^2/h Dust Mopping: 3,604 m^2/h | 38,793 ft^2/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	2.5 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	1.2 m/s | 2.7 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

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