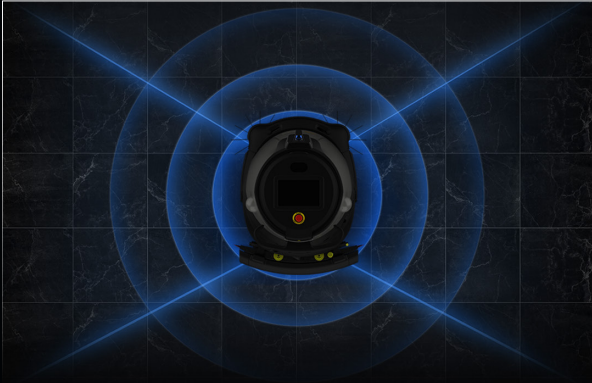# GAUSIUM

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
Pre-sweeping FREE*, scrubbing with a wider 520 mm cleaning path while simultaneously swallowing up to 10L trash per hour.

*Available soon.

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.
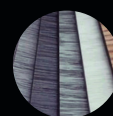

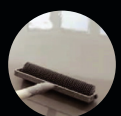## Applicable Flooring Types

Natural Stone

Artificial Stone

Ceramic

Concrete

PVC

Epoxy

Specification

Dimension (L×W×H)	810×700×1,070 mm | 31.9×27×42.1 in
Net Weight	157 kg | 346 lb
Main Brush	Disc Brush
Cleaning Width	Scrubbing: 520 mm | 20.5 in; Dust Mopping: 715 mm | 28 in
Max. Cleaning Efficiency (Theoretical)	Scrubbing: 2,621 m²/h | 28,212 ft²/h; Dust Mopping: 3,604 m²/h | 38,793 ft²/h
Max. Runtime	Scrubbing 3 h; Dust Mopping 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 : The specifications are derived from Gausium lab test results; actual performance data may vary in specific applications.

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