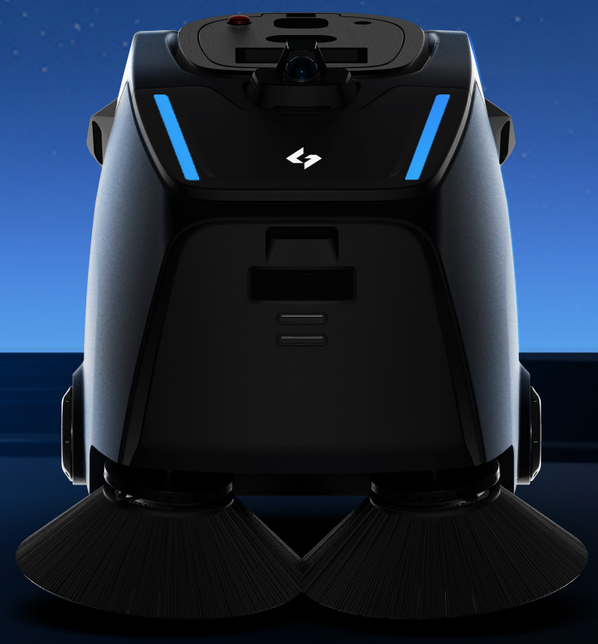
GAUSIUM

GEROBO INTERNATIONAL

BEETLE

Heavy-Duty Autonomous Sweeper
for Industrial Environments



Let's **'Beetle'**
your cleaning challenges

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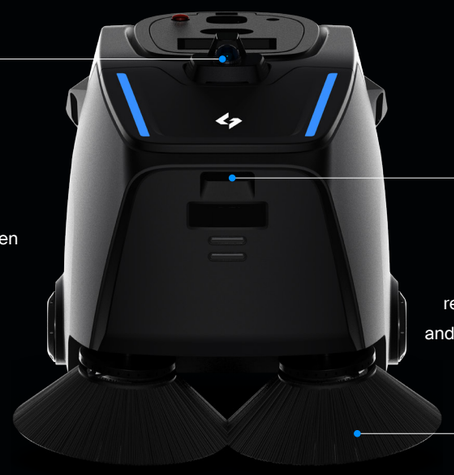
Advanced Navigation

40-Beam 3D Laser

Mapping and localization using a 40-beam 3D laser, ensuring robust, reliable operation in challenging environments, whether in low-light conditions, high-dynamic areas, or open spaces.



Unrivaled Productivity

Spot Cleaning Mode

Proactively detects and cleans waste using RGB camera and AI algorithms, reaching a max. efficiency of 7,000m²/h and covering over 40,000 m² in one night.

750mm Cleaning Width

Achieves up to 2,000m²/h in regular sweeping mode.

Ultimate Cleaning Power

High-Power Suction Motor

Efficiently handles a wide range of debris, from fine dust and sand to larger materials like paper scraps, bottles, and even wood chips.

Effective Dust Control

Prevents airborne particles by capturing fine dust securely in the trash bin through advanced negative pressure and filtration.

Ultra-Long Endurance

High-Capacity Trash Bin & Battery

Equipped with a 40L large trash bin and a durable battery with a 6-10 hour runtime.

Autonomous Charging

Supports 24/7 continuous operation with an optional charging dock.

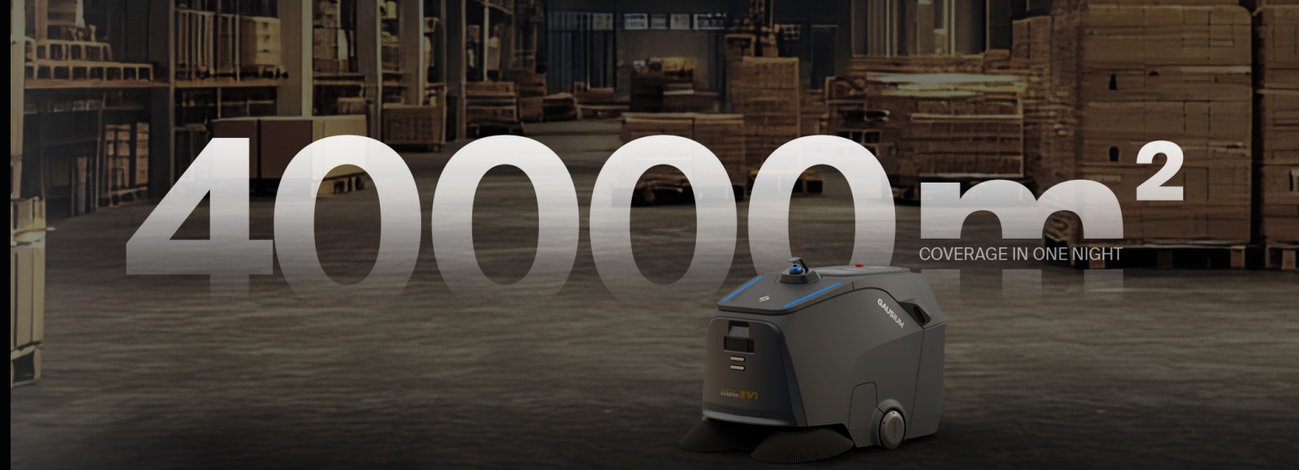
Agile Maneuverability

750mm Path Clearance

Navigates narrow aisles adeptly with a 750mm path clearance, providing smooth operation in tight spaces.

Zero-Distance Edge Cleaning

Delivers zero-distance cleaning along edges, ensuring no gaps are left behind.



Specification

Dimension (L×W×H)	860×600×550 mm | 33.9×23.6×21.7 in
Cleaning Width	750 mm | 29.5 in
Max. Theoretical Cleaning Efficiency	Regular mode: 2,000 m²/h | 21,528 ft²/h Spot cleaning mode: 7,000 m²/h | 75,347 ft²/h
Runtime	6-8 h
Charging Time	3-4 h
Max. Air Flow Volume	1,032 m³/h
Trash Bin Capacity	40 L | 10.6 gal
Edge Cleaning Capability	0 mm | 0 in
Max. Moving Speed	1.2 m/s | 2.7 mph

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