GAUSIUM

MIRA

Commercial Robot Floor Cleaner for
Mid-Sized Spaces

SWEEP

SCRUB

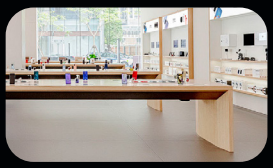
DUST MOP

Recommended Coverage

800–2,000 m^2 (8,611–21,528 ft^2)

Ideal for

Retail/Supermarkets, Manufacturing Plants, Warehousing/Logistics Airports/Subway Stations, Hospitals, Shopping Malls



Key Features

Simultaneous Sweeping and Scrubbing

Performs sweeping and scrubbing simultaneously, completing two tasks in a single operation for maximum efficiency.

25kg Dual-Disc Scrubbing Power

Delivers powerful, high-pressure scrubbing with dual brushes for deep and efficient floor cleaning.

Compact Design for Narrow Aisles

Designed for narrow spaces — effortlessly passes through 660 mm aisles without disruption.

Effortless Remote Deployment

Enables high-precision 3D-LiDAR-based mapping, navigation and setup—supporting full remote deployment and fleet management.

Automatic Water Tank Refresh

Minimizes manual maintenance with a self-cleaning waste water tank, reducing downtime and operating costs.

Key Specifications*

Dimension (L×W×H)	680×550×990 mm | 26.8×21.7×39.0 in
Net Weight	Light: 130 kg | 287 lb Pro: 134 kg | 295.4 lb
Cleaning Width	Scrubbing:400 mm | 15.7 in Sweeping: 750 mm | 29.5 in Dust Mopping: 720 mm | 28.3 in
Clean / Waste Water Tank	22 L/20 L | 5.8 gal/5.3 gal
Max Speed	1.4 m/s | 4.27 ft/s
Max Efficiency (Theoretical)	Scrubbing: 2,016 m^2/h | 21,700 ft^2/h Sweeping: 3,780 m^2 | 40,688 ft^2/h Dust Mopping: 3,628 m^2 | 39,051 ft^2/h
Max Cleaning Pressure	25 kg | 55.1 lbs
Min Pass Width	660 mm | 26.0 in
Min U-Turn Width	950 mm | 37.4 in
Gradeability	Working Mode: 3° (≈5.2%) Non-working Mode: 6° (≈10.5%)
Runtime	Scrubbing: ≥4 h; Sweeping: ≥8 h; Dust Mopping: ≥10 h
Charging Time	2.5 h
Battery Capacity	60 Ah
Sensor Configuration	3D LiDAR, 2D LiDAR, Depth Camera, RGB Camera, Cliff Detection Sensors, Collision Detection Sensors

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

Bring the Mira-cle
to Your Floors.

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