



ALPHAROBOTICS SOLUTIONS
SMART TECH. HUMAN TOUCH

AlphaRobotics Mira

Commercial Robot Floor Cleaner for Mid-Sized Spaces

Bring the Mira-cle to Your Floors.

SWEEP

SCRUB

DUST
MOP



Retails/
Supermarkets

Hospitals

Shopping Malls

Warehousing

Compact design for narrow aisles — powerful dual-disc scrubbing for mid-sized commercial spaces.



Operational Overview & Applications

The AlphaRobotics Mira is a commercial robot floor cleaner designed for mid-sized spaces with a recommended coverage of 800–2,000 m² (8,611–21,528 ft²). Its compact body passes effortlessly through aisles as narrow as 660 mm, while dual-disc scrubbing at 25 kg of pressure delivers deep, efficient floor cleaning — sweeping and scrubbing in a single pass.



8,611–21,528 ft²

Recommended coverage
(800–2,000 m²)

4 h / 8 h

Runtime — scrubbing
/ sweeping

26.0 in | 660 mm

Min. pass width

Ideal Environments

Retails/
Supermarkets

Hospitals

Shopping Malls

Warehousing

Core Operating Value

Compact for narrow aisles

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

25 kg dual-disc power

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

Self-cleaning waste tank

Automatic water tank refresh minimizes manual maintenance, reducing downtime and operating costs.



Key Technology Features

Compact outside, powerful inside — sweeping and scrubbing in one pass.

Simultaneous Sweep & Scrub

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

25 kg Dual-Disc Scrubbing

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

Compact Design

Purpose-built for narrow spaces — passes through 660 mm aisles without disruption.

Effortless Remote Deployment

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

Automatic Water Tank Refresh

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

3-in-1 Cleaning Modes

Dust mop, scrub and sweep modes adapt to daily maintenance and periodic deep cleaning alike.





Safety Systems & Maintenance

3D-LiDAR perception and self-maintaining water systems in a compact frame.

3D-LiDAR Navigation

High-precision 3D-LiDAR mapping, navigation and setup enable reliable autonomous operation in dynamic spaces.

Automatic Tank Refresh

The self-cleaning waste water tank minimizes manual maintenance and reduces operating costs.

Dual-Disc Deep Cleaning

25 kg of scrubbing pressure with dual brushes restores floors deeply and efficiently.

Remote Fleet Management

Remote deployment and fleet management simplify multi-machine, multi-site operation.





Complete Specification Matrix

Manufacturer specifications preserved in dual units — imperial and metric.

PARAMETER	TECHNICAL VALUE
GENERAL SPECIFICATIONS	
Dimension (L×W×H)	26.8 × 21.7 × 35.4 in 680 × 550 × 900 mm
Cleaning Width	Scrubbing: 15.7 in 400 mm; Sweeping: 29.5 in 750 mm
Clean / Waste Water Tank	5.8 gal / 5.3 gal 22 L / 20 L
Max. Speed	4.27 ft/s 1.4 m/s
Max. Efficiency (Theoretical)	21,700 ft ² /h 2,016 m ² /h
Max. Cleaning Pressure	55.1 lb (25 kg)
Min. Pass Width	26.0 in 660 mm
Min. U-turn Width	37.4 in 950 mm
Gradeability	6°
Max. Runtime	Scrubbing: 4 h; Sweeping: 8 h
Battery Capacity	60 Ah



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



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AlphaRobotics Mira

The Reliable, Hassle-free Robots You Can Trust



Leading the New Era of Cleaning Robotics

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