

MT-1

AI POWERED ROBOTIC SWEEPER



The MT-1 is the world's first AI-powered sweeping robot designed for large-scale commercial and industrial environments. MT-1 detects, recognizes and sweeps all types of debris through AI deep learning and database updates.

Equipped with an industry-leading multi-sensor fusion AI visual recognition system, MT 1 effortlessly enables 24/7 autonomous operation, setting a new standard in automated cleaning.

Key Features



No Debris Too Big or Small



AI Trash Recognition



AI Spot Cleaning



Rapid Adaptation to
Changing Environments



24/7 Continuous
Operation



User-Friendly Design

Incredibly Versatile



AI VISUAL TRASH RECOGNITION

MT-1 is equipped with AI cameras that can recognize and identify various types of trash in real time.



NO DEBRIS TOO BIG OR SMALL

Dual-disc brushes easily handle larger debris while efficiently sweeping up fine dust and dirt to ensure no mess is left behind.



MANUAL & AUTOMATIC INTEGRATION

Extendable steering handle allows for easy manual intervention when called for, increasing the versatility of the unit.

Product Specifications

Robot Dimensions(L×W×H)	840mm × 600mm × 490mm (31.5 in*23.6 in*19.3 in)
Robot Weight	65 kg (143 lbs)
Cleaning Performance	Max. 1800m ² /h (Standard Cleaning Mode), Max. 6000m ² /h (Spot Cleaning Mode) Max. 19375.04 ft ² /h (Standard Cleaning Mode), Max. 64583.46 ft ² /h (Spot Cleaning Mode)
Trash Bin Capacity	35 L (1.2 ft ³)
Battery Capacity	45Ah
Run-time	4-8h (differentiated by cleaning levels)
Cruise Speed	0.2 m/s ~ 1.2 m/s (0.66 ft/s~3.94 ft/s) (adjustable)
Charging Time	< 3h
Navigation Method	VSLAM+Marker+Lidar SLAM
Path Clearance	Minimum 75cm (29.53 inches)
Cleaning Width	70cm (27.56 inches)



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