

# 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<br>(31.5 in*23.6 in*19.3 in)                                                                                                                                                                             |
| Robot Weight            | 65 kg (143 lbs)                                                                                                                                                                                                                |
| Cleaning Performance    | Max. 1800m <sup>3</sup> /h (Standard Cleaning Mode),<br>Max. 6000m <sup>3</sup> /h (Spot Cleaning Mode)<br>Max. 19375.04 ft <sup>2</sup> /h (Standard Cleaning Mode),<br>Max. 64583.46 ft <sup>2</sup> /h (Spot Cleaning Mode) |
| Trash Bin Capacity      | 35 L (1.2 ft <sup>3</sup> )                                                                                                                                                                                                    |
| Battery Capacity        | 45Ah                                                                                                                                                                                                                           |
| Run-time                | 4-8h (differentiated by cleaning levels )                                                                                                                                                                                      |
| Cruise Speed            | 0.2 m/s ~ 1.2 m/s<br>(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)                                                                                                                                                                                                            |

