

# PUDU MT1

AI Powered Robotic Sweeper



No Debris Too Big or Small



AI Trash Recognition



AI Spot Cleaning



Rapid Adaptation to  
Changing Environments



24/7 Continuous Operation



User-Friendly Design





## Designed for Big Venues

It's designed to tackle areas exceeding 100,000 square meters with professional-grade dry cleaning.



## No Debris Too Big or Small

The dual-disc brushes easily handle larger debris like leaves and bottles, while efficiently sweeping up fine dust and dirt to ensure no small particles are left behind.

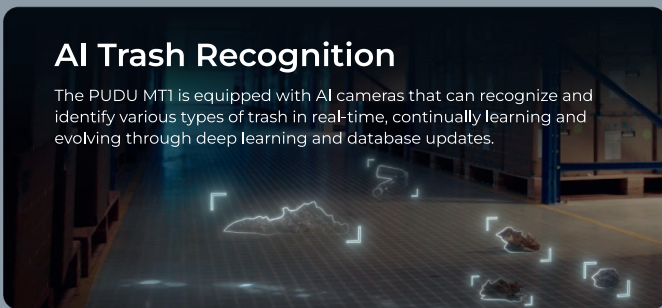


**35L** Exceptional Trash Handling Capability



## AI Trash Recognition

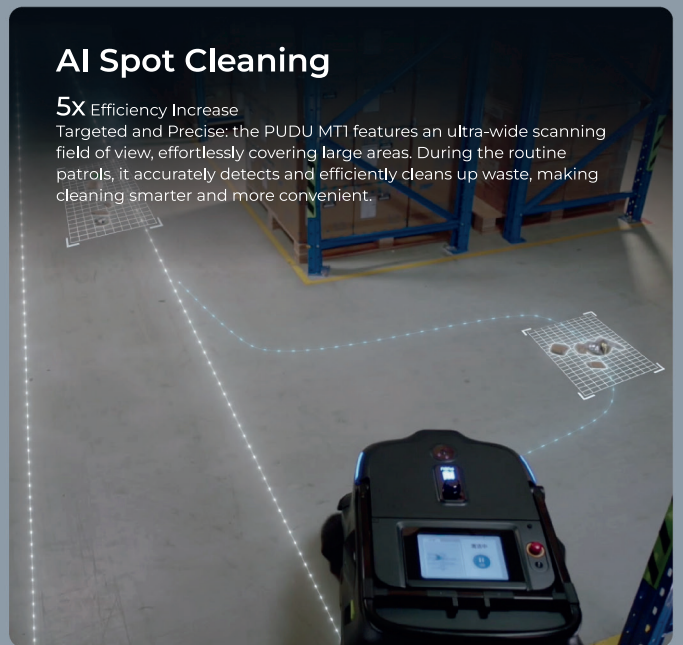
The PUDU MT1 is equipped with AI cameras that can recognize and identify various types of trash in real-time, continually learning and evolving through deep learning and database updates.



## AI Spot Cleaning

### 5X Efficiency Increase

Targeted and Precise: the PUDU MT1 features an ultra-wide scanning field of view, effortlessly covering large areas. During the routine patrols, it accurately detects and efficiently cleans up waste, making cleaning smarter and more convenient.



## Active Dust Control

Utilizes high-flow negative pressure ventilation and an efficient filter to trap particles in the debris box, effectively preventing secondary pollution.



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| • Robot Dimensions(L×W×H)<br>840mm × 600mm × 490mm<br>(31.5 in x 23.6 in x 19.3 in)  | • Robot Weight<br>65 kg (143 lbs)   |
| • Cleaning Performance<br>Max. 1800m <sup>2</sup> /h (All-covered Cleaning Mode),<br>Max. 6000m <sup>2</sup> /h (Spot Cleaning Mode)<br>Max. 19375.04 ft <sup>2</sup> /h (All-covered Cleaning Mode),<br>Max. 64583.46 ft <sup>2</sup> /h (Spot Cleaning Mode) | • Trashbin Capacity<br>35 L (1.2 ft <sup>3</sup> )                        |
| • Run-time<br>4-8h (differentiated by cleaning levels)   | • Charging Time<br>< 3h   |
| • Navigation Method<br>VSLAM+Marker+Lidar SLAM   | • Cruise Speed<br>0.2 m/s ~ 1.2 m/s<br>(0.66 ft/s~3.94 ft/s) (adjustable) |

