

# 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.



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



Pudu Robotics

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