

PUDU MT1

AI Powered Robotic Sweeper



No Debris Too Big or Small



AI Trash Recognition



AI Spot Cleaning



Rapid Adaptation to
Changing Environments



Auto Dumping &
Charging



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 Spot Cleaning

The PUDU MT1 features an AI camera and ultra-wide scanning field of view for efficient autonomous inspection. It accurately detects waste and immediately cleans it up, boosting cleaning efficiency by up to 5x.



Active Dust Control

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



Auto Dumping & Charging

Auto-Empty Station*

PUDU MT1 automatically heads to the station to empty waste into an on-site trash bin, then returns to resume cleaning—all without manual intervention.



Charging Station*

High-capacity batteries, rapid charging, and auto-docking technology enable continuous 24-hour operation.



*The Auto-Empty Station and Charging Station are optional.

Product Specs

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|--|---|
| • Robot Dimensions(L×W×H)
840mm × 600mm × 490mm
(33.1 in × 23.6 in × 19.3 in) | • Robot Weight
65 kg (143 lbs) |
| • Cleaning Performance
Max. 1800m ² /h (All-covered Cleaning Mode),
Max. 6000m ² /h (Spot Cleaning Mode) | • Trashbin Capacity
35 L |
| • 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) |

Station Specs

- | | |
|---|--|
| • Dimensions (L × W × H)
760mm × 2010mm × 680mm
(29.9 in × 79.1 in × 26.8 in) | • Weight
57.8 kg (127.4 lb) |
| • Compatible Models
MT1, MT1 Max (paired with waste box) | • Maximum supported height of trash bin
1350 mm (53.1 in) |

