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



PUDU

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.

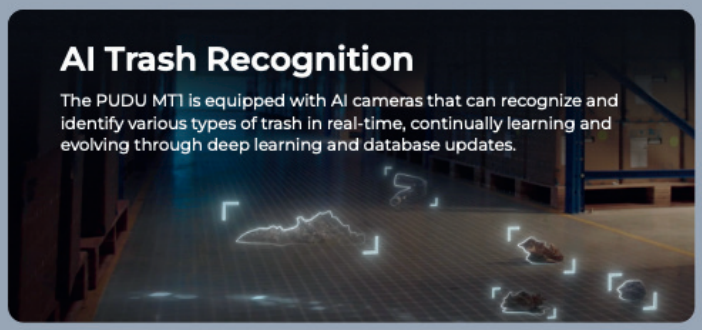


35L Exceptional Trash Handling Capability



AI Trash Recognition

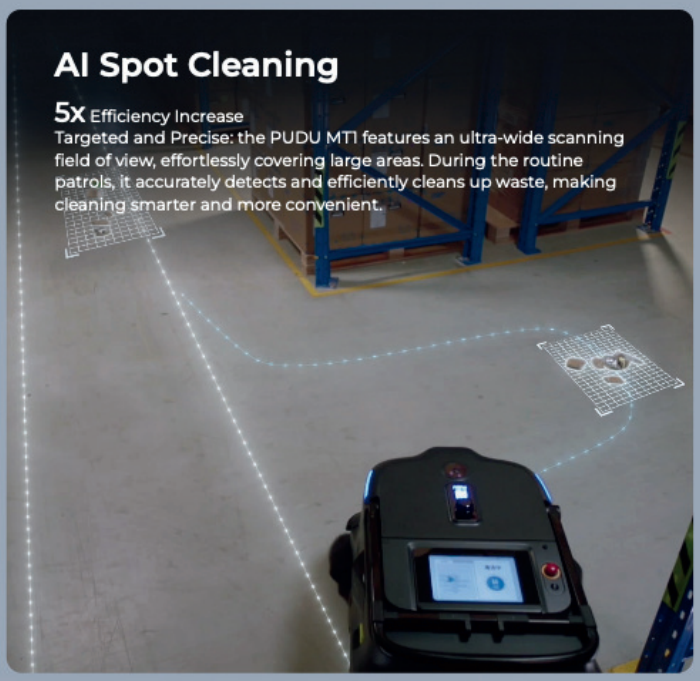
The PUDU MT1 is equipped with AI cameras that can recognize and identify various types of trash in real-time, continually learning and evolving through deep learning and database updates.



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. 1800㎡/h (Standard Cleaning Mode),
  Max. 6000㎡/h (Spot Cleaning Mode)
  Max. 19375.04 ft²/h (Standard Cleaning Mode),
  Max. 64583.46 ft²/h (Spot Cleaning Mode)
- Trashbin Capacity
  35 L (1.2 ft³)
- 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)

