MT1

Powerful Robotic Sweeper for Large Debris and Spaces

Consistent, reliable cleaning — powered by autonomous innovation.

27” cleaning width

area performance up to **62,000** ft^2/hr

8h run time

9 gal dust bin for large debris

Product Highlights

- **Large Debris Pickup –** Handles dust, dirt, and bulkier debris with powerful sweeping performance
- **Big Performance, –** Wide cleaning path and large bin capacity deliver high productivity
- **Automated Efficiency –** Auto charging and long runtime minimize manual intervention and downtime
- **Advanced Navigation –** Maps layouts and edges with precision for reliable wall-to-corner sweeping coverage
- **Smart Management –** Real-time alerts, remote fleet management, and insightful operational data

Specifications

Size	32"x24"x20"
Weight	143 lbs
Charge Time	3 Hours
Run Time	6-8 Hours
Cleaning Productivity	19,000-62,000 ft/hr
Suction Power	20 kPa
Dust Bin Size	9 gal
Cleaning Width	27"

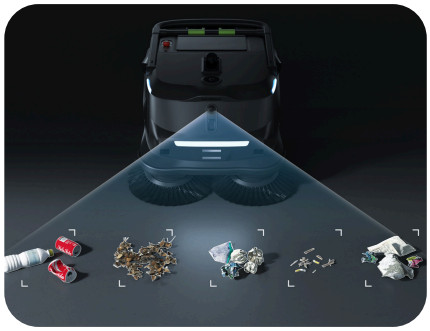
Technology

- AI-powered PUDU SLAM wide-area navigation
- LiDAR + Visual SLAM fusion with outdoor adaptability
- 3D ToF sensor for depth and distance detection
- Ultrasonic sensors for obstacle recognition
- Dual cameras with AI environment recognition
- IP54 dustproof design with negative pressure filtration

Cleaning Capabilities

- HEPA 11 filtration
- Large debris sweeper
- Sweeping, Vacuuming, Dust Large 9 gal debris bin
- Zero-gap edge sweeping
- Stain detection with auto adjustment
- Modes: scheduled, spot, zone
- Self-monitoring alerts
- Auto-docking for charge

Warehousing



Manufacturing

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