

MT-1 VAC

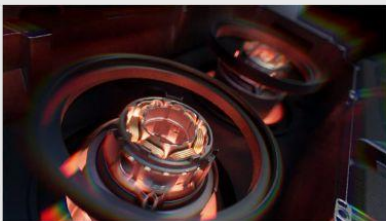
AI Powered Robotic Sweeper & Vacuum



Developed to address a strong demand among customers for automated cleaning robots with large capacity and high-efficiency vacuuming, the MT-1 Vac builds upon the standout MT-1 platform to deliver upgraded suction performance for more advanced dry cleaning needs.

Ideal for large-scale commercial and industrial environments, MT-1 Vac detects, recognizes and sweeps all types of debris through AI deep learning and database updates.

Key Features



Powerful Suction



High Efficiency



Extended Runtime



AI-Driven Adaptive
Cleaning



Quick-Release Dust
Mop Module



Hand-Vacuum
Extension

Incredibly Versatile



Powerful Vacuum Performance

Dual-fan deep vacuuming: Equipped with a new dual independent air duct system, boosting suction efficiency by 200%. Strong suction fights dust and easily removes embedded dirt and stubborn debris.



Long-Lasting Cleaning

The large-capacity system handles large-area cleaning in a single run, significantly reducing the need for frequent emptying. In a typical 10,000 sq ft hotel carpet scenario, it can run for up to 10 days without needing to be emptied.



AI Visual Trash Recognition and Smart Planning

With a wide field of view, the MT-1 Vac can scan large areas, detect trash during inspection, and clean it on the spot—making cleaning smarter and more convenient.

Product Specifications

Robot Dimensions(LxWxH)	33.1" x 23.6" x 19.3"
Robot Weight	165.35 lb
Cleaning Performance	Max.15,069.47 ft ² /h
Cleaning Capabilities	Sweep, Vacuum, Dust Mop
Charging Time	<3.5 h
Run-time	3 - 6.5 hr (standard sweeping 4 hr)
Cruise Speed	0.5 - 2.6 mph (adjustable)
Air Filtration Level	H11 (optional H13)
Max.Vacuuming Width	21.7"
Max.Cleaning Width	27.6" (with side brush)
Navigation	VSLAM + Marker + LiDAR SLAM
Path Clearance	Min width: 29.53"; Min height 20.47"
Dust Bag Capacity	1.8 gal per bag (3.6 gal total)
Trashbin Capacity	1.6 gal



Contact us



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