

PUDU MT1 Vac

AI-powered Robotic Sweeper & Vacuum



Powerful Suction



High Efficiency



Extended Run-time



AI-driven
Adaptive Cleaning



Quick-Release
Dust Mop Module



Hand-vacuum Extension



Double Efficiency

Dual-fan deep vacuuming: Equipped with a new dual independent air duct system, boosting suction efficiency by 200%.



For Both Carpet and Hard Floors

AI-powered floors recognition identifies carpet and hard floors in real time, automatically adjusting suction and brush speed to protect delicate surfaces.



Wide Cleaning Coverage

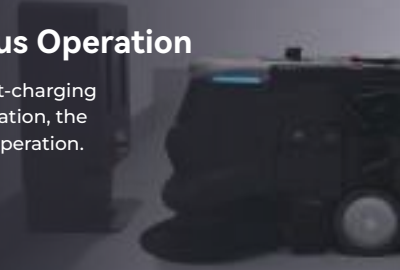
55 cm extra-wide suction path:

Compared with most traditional commercial vacuum cleaners, each pass covers twice the area, greatly reducing cleaning time and improving efficiency.



24/7 Continuous Operation

With a large battery, fast-charging system, and charging station, the MTI Vac supports 24/7 operation.



Easy Maintenance, Tool-Free Swaps

Quick-release modular design allows tool-free replacement of most cleaning components in seconds. The dust mop can be removed and deployed flexibly to suit different cleaning needs.



Dust and Waste Separation

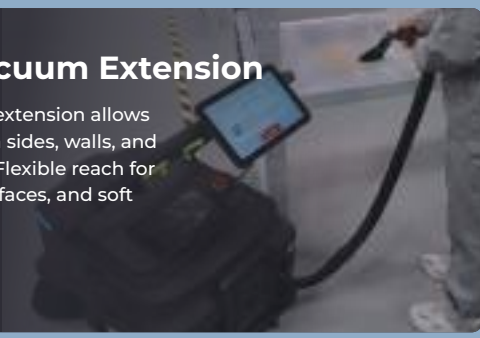
6L trash bin + 14L dust bags:

The large-capacity system handles large-area cleaning in a single run, significantly reducing the need for frequent emptying.



Hand-vacuum Extension

Hand-vacuum extension allows cleaning of sofa sides, walls, and glass surfaces. Flexible reach for edges, high surfaces, and soft furnishings.



Dimensions

840 x 600 x 490 mm (33*23.6*19.3 in)

Weight

75 kg (165.35 lbs)

Cleaning Performance

Max.1400 m²/h (15,069.47 ft²/h)

Charging Time

< 3.5 h

Run-time

3-6.5 h
(Standard sweep and vacuum mode on hard floors: 4h)

Cruise Speed

0.2 m/s ~ 1.2 m/s
(0.66 ft/s-3.94 ft/s) (adjustable)

Air Filtration Level

H11 (optional H13)

Vacuuming Width

55 cm (21.7 in)

Cleaning Capacity

Dust Bag Capacity: 14 L (7 L*2)
[0.494 ft³ (0.247 ft³*2)]
Trashbin Capacity: 6 L (0.21 ft³)

Navigation

VSLAM + Marker + LiDAR SLAM



🔍 Pudu Robotics

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