

Vacuum 40

Robotic Vacuuming Expert for Large Commercial Spaces

Compactly designed and suitable for soft *and* hard floor types, Vacuum 40 (Vac 40) delivers a deep and thorough clean. It cleans along the edges at zero distance with side brushes and high-precision sensors, and effortlessly picks up everything from fine dust and debris to larger debris with a powerful suction motor. Its anti-static, highly elastic roller brush reaches deep into carpet fibers without damaging carpet. With three vacuuming modes to cater to varying carpet cleaning needs, Vac 40 has you covered.

- Zero-distance edge cleaning
- Powerful suction of 24 kilopascals (kPa)
- 3 vacuuming modes (light, medium and deep)



Streamline your cleaning operations

Vac 40 will make cleaning much easier with little need for human intervention. It perceives environmental changes, updates the map and reroutes itself in real time — you don't need to stand by to save it from getting stuck. With the optional charging dock, the robot can perform power charging by itself.

- Smart obstacle avoidance and rerouting
- One-stop service workstation



Spice up your cleaning routine

Vac 40 is the ultimate multitasker. In addition to keeping floors spotless, Vac 40 helps deliver purified air with its medical-grade H13 HEPA filter that effectively captures harmful particles and allergens.

- H13 HEPA filter

Ideal for a wide range of environments

Hotels | Hospitals | Office Buildings | Schools | Casinos | Convention Centers | And More

Key Features

3-in-1 Cleaning

Integrates vacuuming, sweeping and dust mopping in one solution

Adaptability

Works perfectly on varying floor types, from hard surfaces to low pile carpet to high pile carpet

Zero Distance from Edge

Able to clean along the edges with precision, with side brushes and high-precision sensors

24 kPa Powerful Suction

Strong suction performance -- easily picks up fine dust and debris, as well as larger debris

H13 HEPA Filter

Medical-grade air purifying capabilities

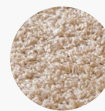
Vac 40 Specifications

With side brushes and an add-on mop, Vac 40 can achieve simultaneous vacuuming and sweeping on carpets, as well as sweeping and dry mopping on hard floors. Supported by 3D cameras, it can identify floor types and switch to the suitable cleaning mode autonomously, enabling optimal cleaning efficiency.

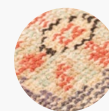
DIMENSIONS	
Length	31 in 790mm
Width	29 in 730 mm
Height	35 in 900 mm
Unladen Weight	205 lb 93 kg
Cleaning Width	16 in 400 mm*
CLEANING	
Max. Productivity (Practical)	9,000 ft ² /h 836 m ² /h
Max. Air Flow Volume	70.6 ft ³ /min 2 m ³ /min
Dust Bag	3 gal 12 L
Trash Tray	0.6 gal 2.5 L
Max. Vacuum Pressure	24 kPa
MOVEMENT	
Gradeability (Autonomous Cleaning)	4°
Gradeability (Autonomous Driving)	8°
Max. Moving Speed	2 mph 1 m/s
Min. Distance from Wall	0-0.7 in. 0-20 mm
Min. Passable Width	34 in 870 mm
Min. Turn-around Width	43 in 1,100 mm
ELECTRICAL	
Battery Type	Lithium Iron Phosphate
Battery Capacity	60 Ah
Rated Voltage	24V DC
Max. Output Power	1.34 hp 1,000 W
Charging Time	~1.5 hours
Uptime	~3-4 hours
SENSING	
Standard	LiDAR, 3D Depth Camera, RGB Camera, Anti-drop Sensor, Air Pressure Collision Sensor



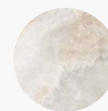
Compatible with a range of soft and hard floor types



High Pile Carpet



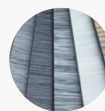
Low Pile Carpet



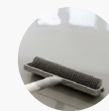
Natural Stone



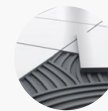
Artificial Marble/ Granite



PVC & Vinyl



Epoxy



Ceramic Tile



Hardwood

* With side brushes, 28 in | 720 mm