

OMNIE

Omnie is a high-end autonomous floor cleaning robot designed to excel in complex, dynamic environments like airports, subway stations, and warehouses.

Powered by multimodal SLAM, along with a 3D LiDAR and a 360° panoramic view camera, Omnie ensures unparalleled accuracy, adaptability, and safety in tackling challenging cleaning scenarios.

Omnie transforms cleaning efficiency with AI spot cleaning, identifying both dry and wet waste for spotless cleaning in diverse scenarios. This machine features a generous 78cm cleaning width, supported by dual roller brushes and dual side brushes for deep, consistent cleaning with edge-to-edge coverage.

Specification	Detail
Dimensions	81 x 70 x 107 cm
Scrubbing Cleaning Width	52 cm (Disc), 40.6 cm (Roller) 78 cm (with 2 side brushes)
Theoretical Max Efficiency (Disc Brush)	Scrubbing: 2,621 m ² /h Dust Mopping: 3,604 m ² /h
Theoretical Max Efficiency (Roller Brush)	Scrubbing: 2,046 m ² /h Sweeping: 3,931 m ² /h Dust Mopping: 3,604 m ² /h
Run Time	Scrubbing: 3 h, Dust Mopping: 8 h, Sweeping: 8 h
Charge Time	2 h
Water Tank Capacity	Clean/Waste Water Tank: 33 L/24 L
Min Pass Width	80 cm
Min U-Turn Width	1,100 cm
Gradeability	4.6°
Battery Capacity	60 Ah
Net Weight	157 kg

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