

MAG1000 AMR

The reliable and stable autonomous mobile robot to automate your daily intralogistics operations of heavy goods across warehouse or factory floors.



Size and Weight

Max. Payload	1000 kg (Lifting), 1500 kg (Towing)
Dimension	1495 x 985 x 525 mm
Ground Clearance	40 mm
Robot Weight	550 kg

Battery

Battery Type	LiFePO4 battery
Charging Options	MAG Auto Dock, Manual Direct Plug-in
Battery Running time	6 - 8 hours
Battery Capacity	2.8 kWh
Battery Voltage	48V
Full Charge Time	2 - 3 hours

Navigation

Maximum speed	1.0 m/s
Drive Type	Differential
Wheels	2-wheel differential-drive Non-marking wheels
Turning Radius	0 Degree



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Contact Us For More Information.

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Docking Method	Laser-based Docking	
Docking Accuracy	< 1 cm	
Environment		
Environment	Indoor Use Only	
Climb Grade	2 degree max. slope (gradual)	
Max. Traversable Gap	20 mm	
Safety		
Safety Scanning Laser	360-degree Lidar view 2 x 2D Safety-rated Lidar (Front and Back)	
Emergency Stop	4 (Corners)	
	1 x Virtual Bumper	

2 x 3D Camera

2 x Mechanical Bumper (Front and Back)



Additional Sensors

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