

L1000

Technical Specifications

The standard model AMR is an advanced mobile robot conceived to transport palletized loads that allow the movement of the load in floor-to-floor operations. The LiDAR sensor enables the AMR to navigate around without any physical guide.



GENERAL INFORMATION

Payload Capacity	1000kg	Stopping Accuracy	Lidar: $\pm 100\text{mm}$, $\pm 2^\circ$
Max Speed	1 m/s (3.6km/h)	Driving System	Steering Drive
Traversable Gap/Step	10 mm / 5 mm	Navigation System	Laser Based

DIMENSIONS

Length	1898 mm	Turning Radius	1708 mm
Width	740 mm	Minimum Width for Pivoting	2200 mm
Height	2012 mm - 2162 mm	Ground Clearance Rated	Body: 10 mm Fork: 19 mm

SAFETY

Safety Sensors	1 Pole Navigation LiDAR	Bumpers	1
Emergency Stop	2 Emergency Stop Button	Cameras	2 3D Cameras

POWER

Battery Type	51.2V/100AH LiFePO4	Operation Systems	Standalone: NavWiz FMS: Dfleet
Run time	12 Hours		

ADD ONS:

L1000 Standard Charging Station is a front docking auto charging station which allows the AMR to dock and recharge automatically when the battery is low.



For More Information & Pricing, Contact Us At:

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