

F1600

Technical Specifications

This autonomous stacker and warehouse robot transfers open and closed pallets autonomously. It can lift up to 1.6 tonnes 2.4m high. Perfect for warehousing, logistics and manufacturing



Payload Handler:
Lifting



GENERAL INFORMATION

Payload Capacity	1600kg	Stopping Accuracy	Lidar: $\pm 50\text{mm}$, $\pm 2^\circ$
Max Speed	1.6 m/s (6km/h)	Driving System	Steering Drive
Traversable Gap/Step	20 mm / 10 mm	Navigation System	Laser Based

DIMENSIONS

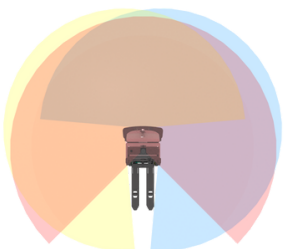
Length	2192 mm	Turning Radius	1710 mm
Width	1000 mm	Minimum Width for Pivoting	3000 mm
Height	2200 mm	Ground Clearance Rated	30 mm

SAFETY

Safety Sensors	2 Safety LiDAR 1 Obstacle Sensor	Bumpers	0
Emergency Stop	2 Emergency Stop Button		

POWER

Battery Type	25.6V/208AH Li-ON Battery	Operation Systems	Standalone: NavWiz FMS: Dfleet
Run time	5 Hours		



For More Information & Pricing, Contact Us At:

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