



Intralogistics 1200

Autonomous Mobile Robot

Carries the heavy stuff arround on its own. Smart. Safe. Autonomous.

Autonomous Mobile Robot Intralogistics 1200

Data Sheet

Dimensions	
Length	1455 mm
Width	630 mm
Height	225 mm
Weight	240 kg
Ground Clearance	28 mm
Performance Characteristics	
Maximum Payload	1200 kg
Integrated Lifting Function	50 mm
Top Speed	up to 2.0 m/s
Rotation Diameter	2125 mm
Navigation	SLAM
Positioning Accuracy	Global positioning: ± 10 cm Fine positioning: ± 5 mm
Power Supply	
Battery Type	Li-Ion / 48V / 50Ah
Charging Current	25A / max. 35A
Loading Strategy	Opportunity Charging
Loading Time Min-% to Max-%	1:20 h
Environment	
Ambient Temperature	0°C - 40°C
Humidity	10% - 90% @ 39°C, non condensing
Safety	
Sensors	4x Laser Scanners, 2x 3D-Cameras
Safety Functions	LIDAR, 3D-Camera, 4x Emergency Stop Buttons, 2x Redlights
Detection Field	360°
Safety Standards	Safety Standards for Industrial vehicles: MRL 2006/42/EG, EMV RL 2014/30/EU, RED RL 2014/53/EU, EN ISO 12100:2010; EN ISO 13849-1:2015, EN ISO 13849-2:2012, EN 1175:2020, EN 60204-1:2019
Connections	
WiFi connection	2.4 GHz and 5 GHz supported, 2 Antennas
Ultra Wide Band Ready	Yes
Integration	VDA 5050 compatible
Manual Control	USB Controller, Control via Notebook / Mobile Phone (Control Center)

