

Continental 
The Future in Motion



IL 1200

Autonomous Mobile Robot



**CONTINENTAL
MOBILE ROBOTS**
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Autonomous Mobile Robot Intralogistics 1200

Data Sheet

Dimensions	
Length	1455 mm
Width	630 mm
Height	225 mm
Weight	240 kg
Clearance underneath the case	28 mm
Performance Characteristics	
Maximum payload	1200 kg
Integrated lifting function	50 mm
Top speed	up to 2,0 m/s
Rotation diameter	260 cm
Navigation	Autonomous
Positioning accuracy	Fine positioning: ± 5 mm
Power supply	
Battery type	Li-Ion / 48V / 47Ah
Charge current	25A / max. 30A
Loading strategy	Opportunity Charging
Loading time	1:20 h
Environment	
Ambient temperature	5°C - 40°C
Humidity	10% - 90% @ 39°C, not condensing
Safety	
Sensors	4x Laser Scanner, 2x 3D-Camera
Safety functions	LIDAR, 3D-Camera, 4x Emergency stop, 2x Redlight; optional: Signal Tower
Detection range	360°
Safety Standards	Safety Standards for Industrial vehicles: MRL 2006/42/ EG, EMV RL 2014/30/EU, RED RL 2014/53/ EU, EN ISO 13849-1:2015, EN ISO 13849-2:2012, EN 1175:2020, CE, ISO 3691-4:2020
IP Code	IP20
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

