



IL 600 | 1200

Autonomous Mobile Robot

Stay grounded. Be efficient.

Autonomous Mobile Robot Intralogistics 600 | 1200

Data Sheet

Dimensions	
Length	1455 mm
Width	630mm
Height	225 mm
Weight	240 kg
Ground clearance	28 mm
Performance Characteristics	
Maximum payload	600 kg 1200 kg
Integrated lifting function	50 mm
Top speed	Up to 2.0 m/s
Rotation diameter	260 cm
Navigation	Natural Navigation (Reflector enhanced optional)
Positioning accuracy	Fine positioning ± 5 mm
Power Supply	
Battery size	Li-Ion / 48V / 47Ah
Charge current	25A / max. 30A
Charging strategy	Opportunity Charging
Charging 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	ISO 3691-4:2020, UL 3100:2021, MRL 2006/42/EG, EMV RL 2014/30/EU, RED RL 2014/53/EU, ISO 13849-1:2015, ISO 13849-2:2012, EN 1175:2020, CE
IP Code	IP20
Connections	
WiFi connection	2.4 GHz and 5 GHz
Integration	VDA 5050 compatible
Manual control	USB Controller, Control via Notebook / Mobile Phone

