

IL 600 | 1200



Autonomous Mobile Robots



Designed to Fit. Built to Perform.

Autonomous Mobile Robots, Intralogistics 600 | 1200

Technical Data

Dimensions	
Lenght	1455 mm
Width	630 mm
Height	225 mm
Weight	240 kg
Ground clearance	28 mm

Performance Characteristics	
Maximum payload	600kg 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
Charing Strategy	Opportunity Charging
Charging time	1:20 h

Enviroment	
Ambient temperature	5°C -40°C
Humidity	10% bis 90% @ 39°C, not condensing

Safety	
Sensors	4× Laser Scanner, 2× 3D-Camera
Safety function	LIDAR, 3D-Camera, 4× Emergency stop, 2× 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
IPCode	IP20

Connections	
WiFi connection	2.4 GHz and 5 GHz
Integration	VDA 5050 compatible
Manual control	USB Controller, Control via Notebook / Mobile Phone

