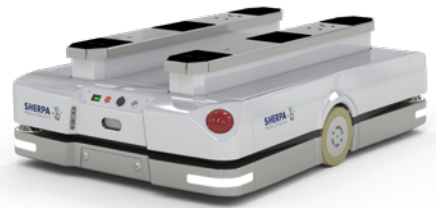


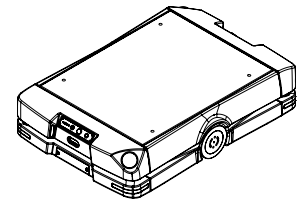
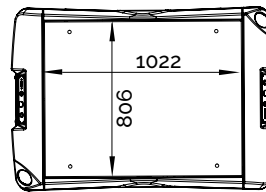
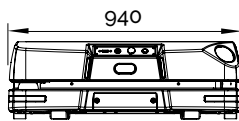
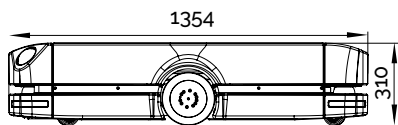
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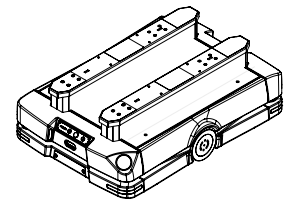
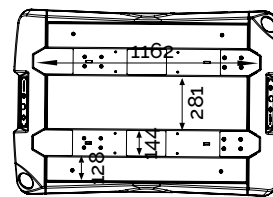
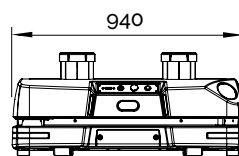
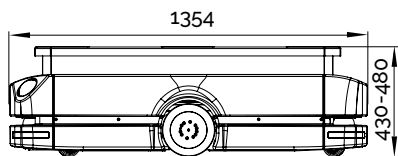
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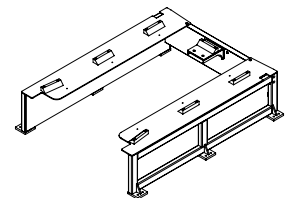
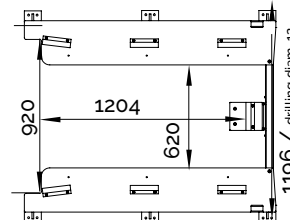
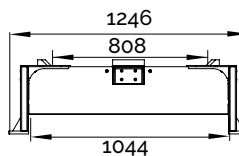
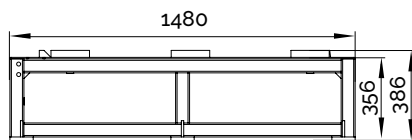
Single tray



Pallet lift



Pallet Support



Requires floor fixing

Technical specifications

	Payload capacity	Single tray	Pallet lift
Weight of the robot and its equipment (including batteries)		200Kg	250Kg
Payload		1050Kg	1000Kg
Total rolling weight		1250Kg	1250Kg
Operating modes	Autonomous + fleet management		
Driving directions	Both ways		
Control panel (HMI)	Buttons + 7» touchscreen interface (optional)		
Color	White «traffic» / RAL 9016 - Grey / RAL 7044		
Dimensions	1354 x 940 x 310 mm		
Floor clearance	20 mm		
Maximum slope	5 %		
Maximum step	+6 mm -6 mm depending on speed		

Performances

Maximum speed	1.6m/s - 5.8 km/h (depending on load)
Autonomy	Induction charging : 24/7
Power of traction motors	2 x 876 W
Turning radius (around the robot's center)	00 mm (turns on itself)
Positioning accuracy (in docking phase)	+/- 10 mm in the axis of motion +/- 20 mm perpendicular to the axis of motion

Environment

Protection class	IP 20
Operating environment	Indoor (smooth and clean floor)
Operating temperature	From 5 à 50°C (humidity from 10 to 90 % non-condensing)

Communication et signalling

Wifi	Dual-band wireless (see datasheet)
Interface	USB (for updates) / Ethernet Modbus protocol
Visuel signalling	4 multicoloured identification LED strips and 2 Bluespot
Sound signalling	Loudspeaker

360° safety around the robot

Standard	CE compliance according to NF EN ISO 3691-4 standard (see CE certificate for more information)
Performance level	PL d (EN ISO 13849)
Avoidance and positionning sensors	Nanoscan Sick
Detection height	135 mm
Scope of the protective field	3 m
Laser type	Class 1
Scanning angle	2 x 270 °
Camera 3D (option)	Consult us

Braking system

Emergency braking	Dynamic braking PLd (EN ISO 13849)
Parking braking	By loss of power

Pallet lift's specifications

Lifting time	5 s
Stroke	50 mm
Type of pallet	Europallet 1200x800 mm (EN13698-1)
Safety	Housing against fingers' entrapment – fall prevention system – pallet presence sensor (on forks and on the pick-up/drop-off station - PLd)