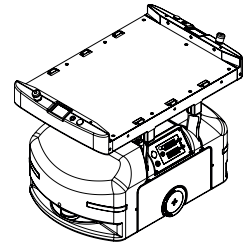
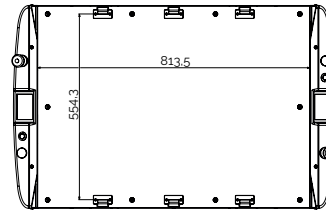
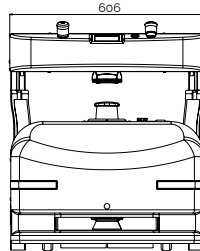
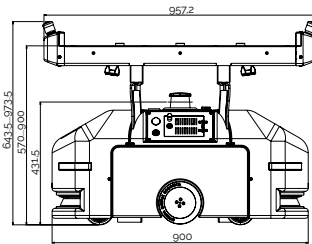




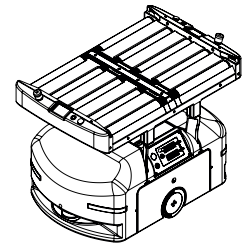
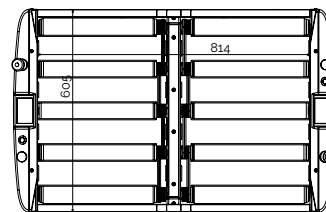
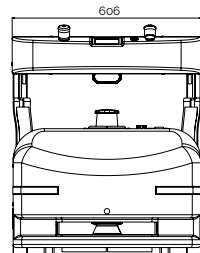
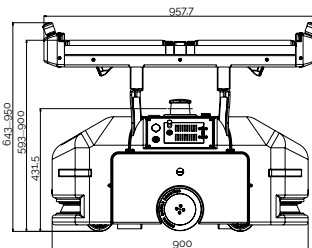
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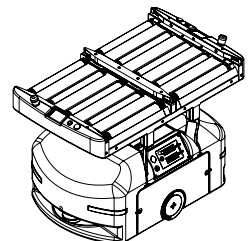
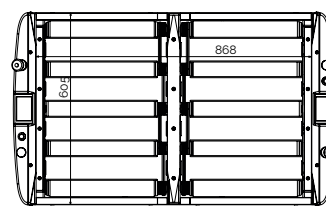
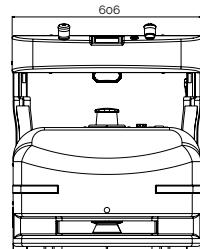
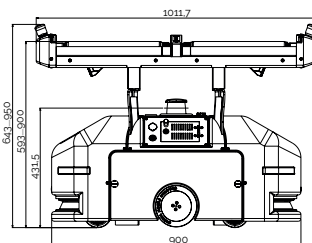
With a tray for
carrying bins
(Up to 200kg)



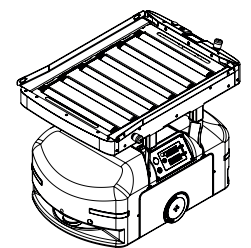
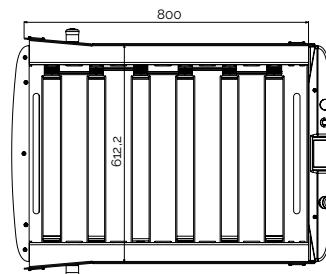
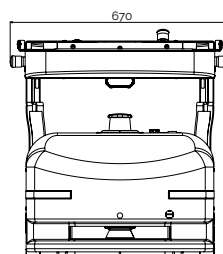
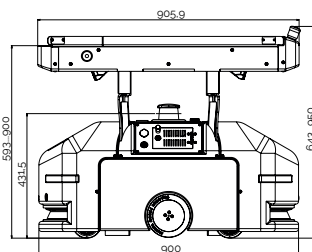
Single conveyor
(Up to 100 & 200kg)



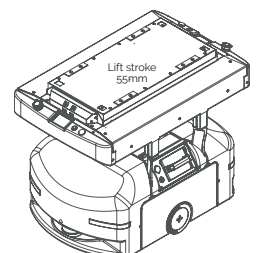
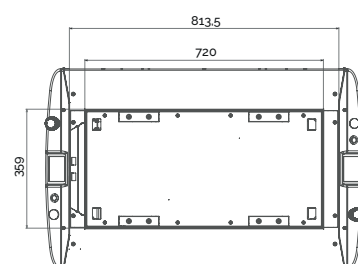
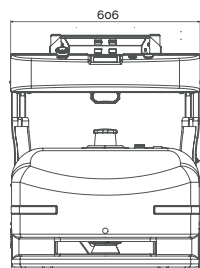
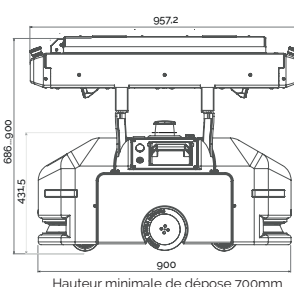
Double conveyor
(Up to 200kg)



Frontal conveyor
(Up to 100 & 200kg)



With bin lift
(Up to 100kg)



Technical specifications					
Payload capacity	Up to 200kg (depending on tray)				
Operating modes	Follow-Me and autonomous, with or without fleet management				
Driving directions	One or both ways (depending on options)				
Control panel (MMI)	Touchscreen				
Total weight (battery included) depending on top module	Tray for bins	Single conveyor	Double conveyor	Frontal conveyor	With bin lift
<i>+10kg for induction versions compared to the rackabel versions</i>	75Kg	85Kg	90Kg	85Kg	110Kg
Color	White «traffic» / RAL 9016				
Maximum height of the load's center of gravity	100 and 200 kg = 750 mm / 50 kg = 900 mm / 20 kg = 1500 mm Refer to the graphics 7.3.1 of the instructions manual				
Floor clearance	20 mm				
Maximum slope	5% (with tray for bins) ou 4% (with conveyors)				
Maximum step	+6 mm -6 mm depending speed				
Performances					
Maximum speed	Up to 1.94 m/s - 7km/h (depending on load)				
Operating autonomy	Extractable battery : up to 10 hours / Induction charging : 24/7				
Power of traction motors	2x 315 W (nominal) Brushless DC				
Turning radius (around the robot's centre)	00 mm (turns on itself)				
Positioning accuracy (in docking phase)	+/- 10 mm in the axis of motion +/- 30 mm perpendicular to the axis of motion				
Conveyor speed	Max. 0.16m/s, standard setting : 0.09m/s				
Lift stroke	55mm				
Environment					
Protection class	IP 20				
Operating environment	Indoor (smooth and clean floor)				
Operating temperature	From 5 to 50°C (Humidity 10 to 90% non-condensing)				
Communication and signalling					
Wifi	Dual-Band Wireless (2.4GHz & 5GHz)				
Interface	USB (for updates)				
Visual signal	4 multicoloured identification LED strips and Bluespot				
Sound signal	Buzzer				
360° safety around the robot					
Standard	CE compliance according to NF EN ISO 3691-4 standard (see CE certificate for more information)				
2D Lidar - 360° laser navigation sensor	Pepperl&Fuchs R2000				
Maximum measuring distance	30 m				
Leaser type	Class 1				
Scanning speed	10 - 50trs/s				
Resolution	1 mm				
Detection height	420 mm				
Braking system					
Emergency braking	Dynamic braking Pld (EN ISO 13849)				
Parking braking	By loss of power				
Avoidance sensor	Laser Sick S30B-3011DA				
Type / safety integrity level	Limit of requirement				
Category	Category 3 (EN ISO 13849)				
Scope of the protective field	3 m				
Performance level	PL d (EN ISO 13849)				
Laser type	Class 1				
Scanning angle	270 °				
Safety classification	ISO 13849-1 : B10d 2×10E6				
Detection height	80 mm				
3D Camera (as an option)	Consult us				