

MODEL SERIES AGV/AMR ROBOMECC

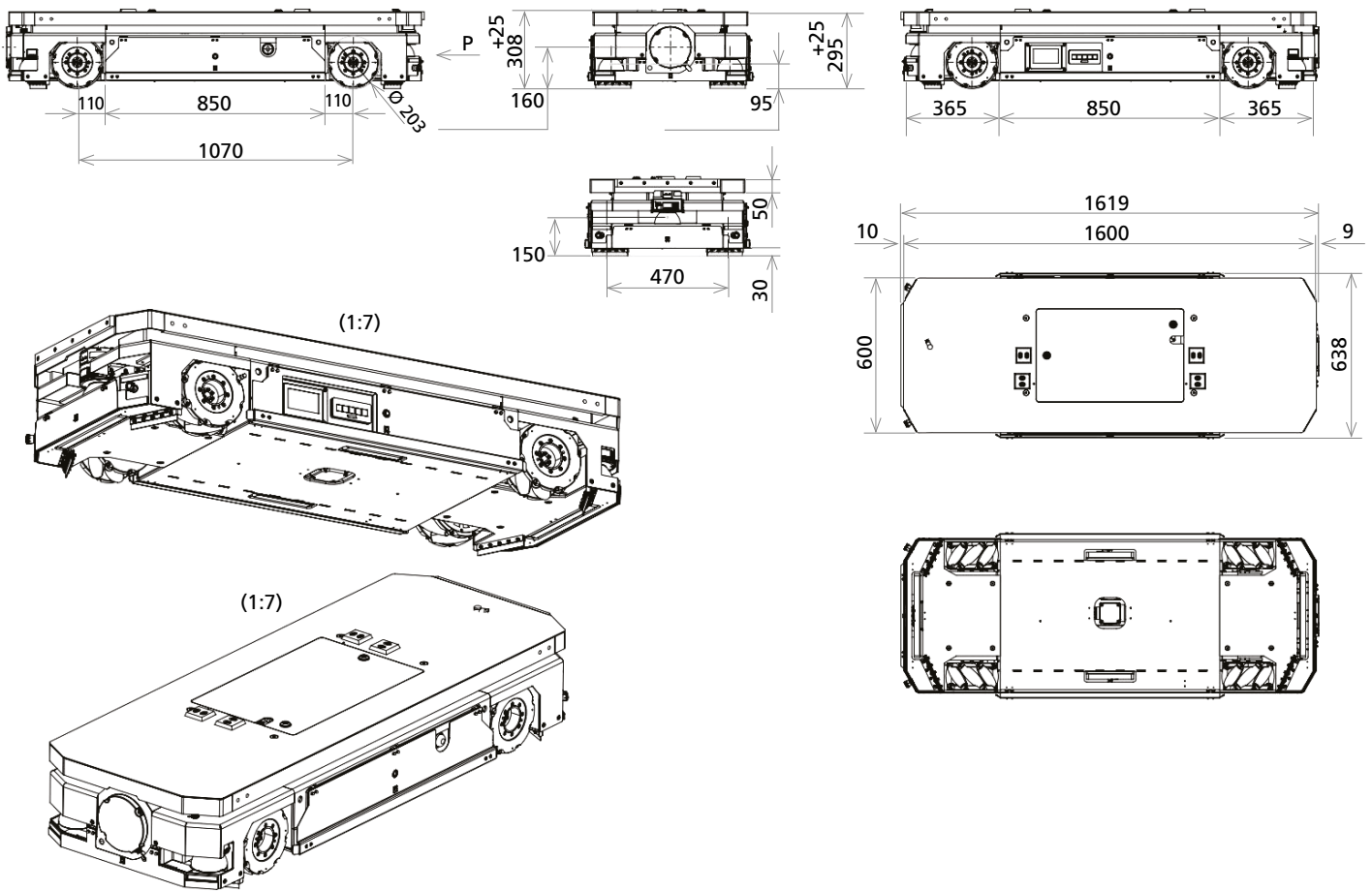
The AGV/AMR of the RoboMec model series is a variable platform autonomous vehicle produced in various modifications for a given customer application. Thanks to the chassis equipped with mecanum wheels, the AGV/AMR moves in omnidirections, including crabbing in real time and turning around its axis.



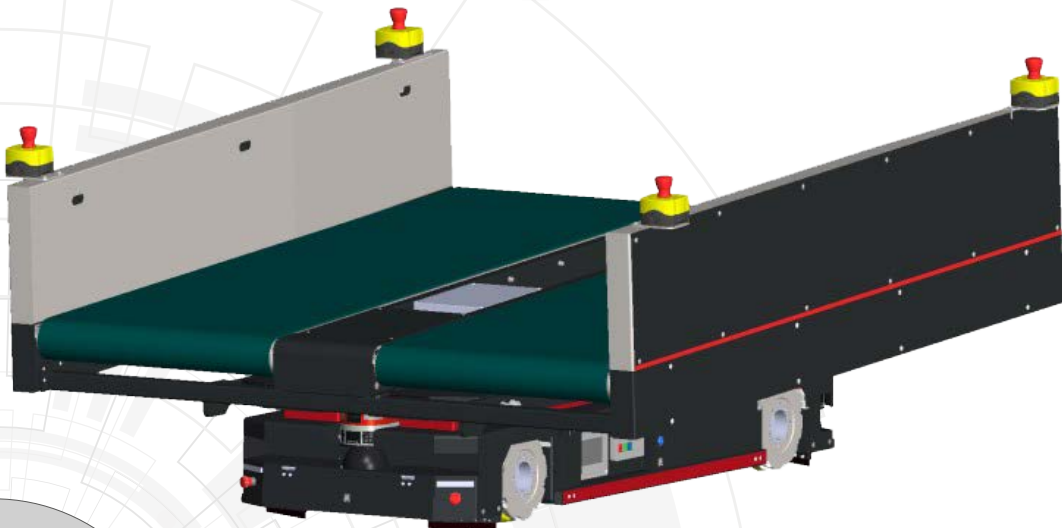
AGV/AMR ROBOMECC	
Dimensions	
Length	1600-2000 mm
Width	600-900 mm
Height	280-300 mm
Clearance height	40 mm
Lifting height	25-65 mm
Weight	300-400 kg
Payload	
AGV/AMR payload	400-750 kg
Towing capacity	N/A
Move	
Speed	1,2 m/s / 0,5 m/s*
Move / drive	Omnidirectional / 4 mecanum driven wheels
Customer extension	
Extension	Yes
Type extension	Belt conveyors, roller conveyors, robots
Safety	
Safety devices	2-3 scanners 270° / 4 bumpers
Power	
Battery	LiFePO4 / 48 V / 40 Ah
Charger	Wireless charging station 48 V / 20 A
Navigation	
Type of navigation	Magnetic tape / SLAM / QR Code
Environment	
IP class	IP 20
Ambient temperature range	10-45 °C

*Speed with full load.

Dimensions of the basic configuration width 600 mm



AGV/AMRs are designed exactly to the needs of a given customer's application. AGV/AMR RoboMec can be equipped with a robot, roller conveyor, belt conveyor or other superstructure.



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