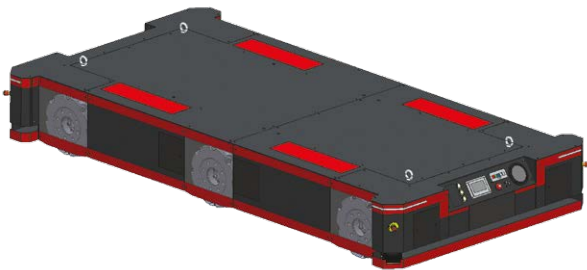


MODEL SERIES

AGV/AMR ROBOMECH

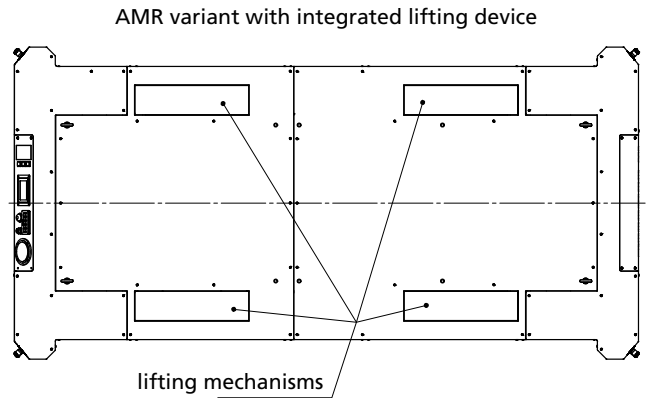
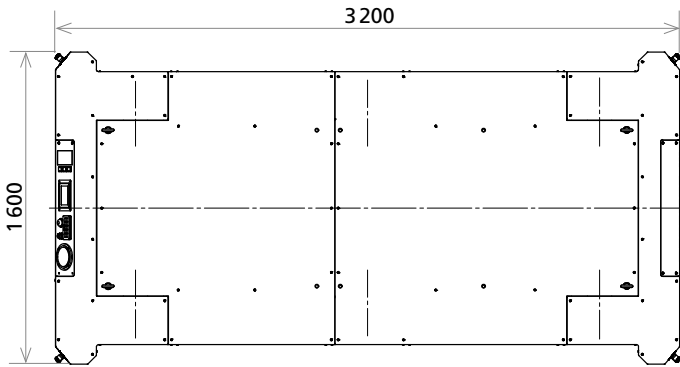
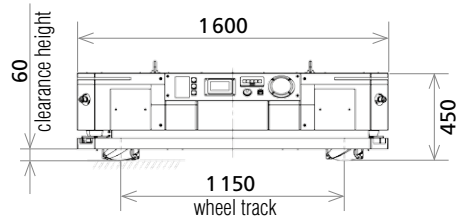
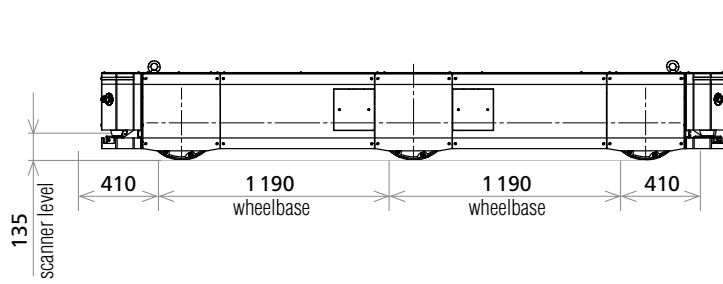
The AGV/AMR of the RoboMec III model series is a variable autonomous vehicle platform produced in various modifications in a 4x4 modification with high lift and a 6x6 version with a larger surface area and lower height. Thanks to the chassis equipped with Mecanum Wheels, the AGV/AMR can move omnidirectionally, including real-time crab movement and rotation around its axis.



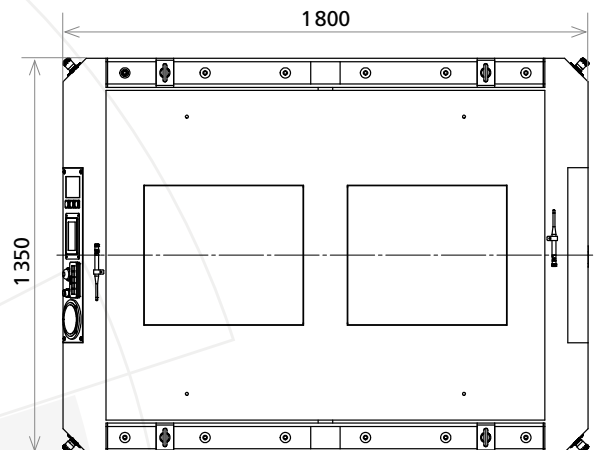
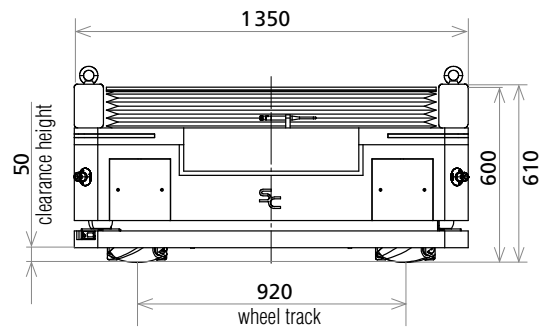
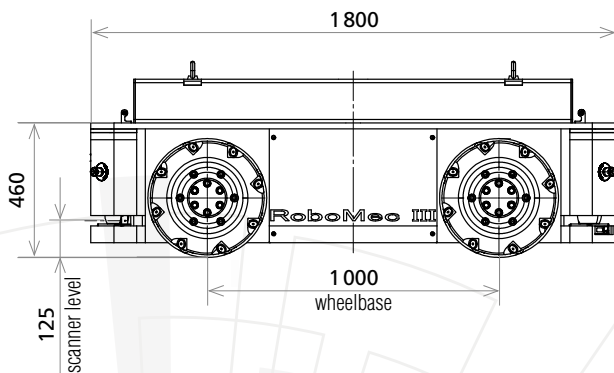
	AGV ROBOMECH III – 6x6	AGV ROBOMECH III – 4x4
Dimensions		
Length	3 200 mm	1 800 mm
Width	1 600 mm	1 350 mm
Height of cargo area	450 mm	600 mm
Clearance height	60 mm	50 mm
Lifting height	120 mm	485 mm
Weight	1 750 kg	1 300 kg
Payload		
AGV/AMR payload	3 500 kg	3 000 kg
Towing capacity	N/A	N/A
Move		
Speed	0,8 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	2x scanners 270°	
Power		
Battery	LiFePO4 / 48V / 104Ah	
Charger	Wireless charging station 3 kW	
Navigation		
Type of navigation	Magnetic tape / SLAM / QR Code	
Environment		
IP class	IP 20	
Ambient temperature range	10-45 °C	

*Speed with full load.

RoboMec III – 6x6



RoboMec III – 4x4



ServisControl s.r.o. confirms that **4IGV s.r.o., Czech Republic**, demonstrates the capability to provide consulting, installation, and support services for ServisControl, as well as a commitment to further education, and is therefore certified as a **ServisControl PARTNER**.



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