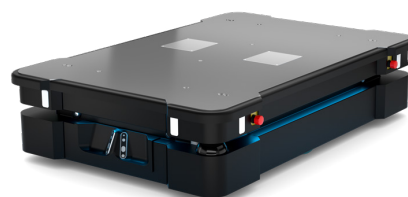
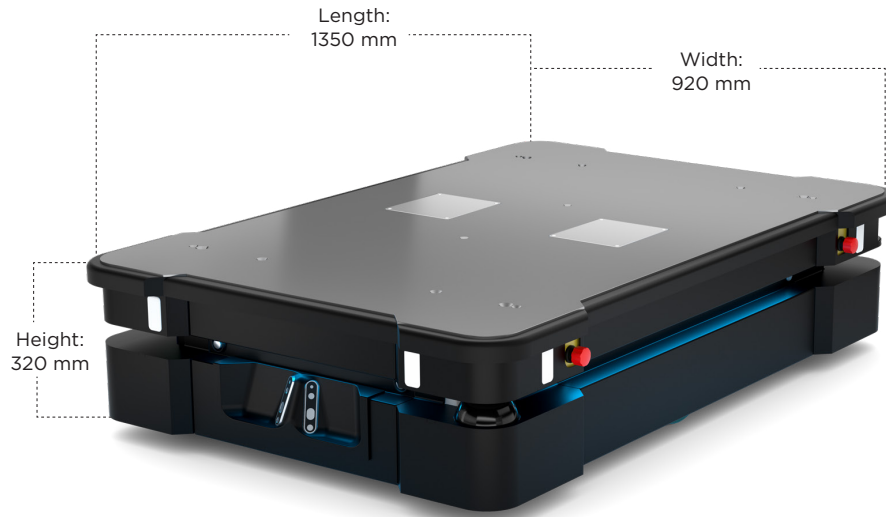


Designated use	
Collaborative mobile robot	for internal transportation of heavy loads and pallets within the industry and logistics
Dimensions	
Length	1350 mm
Width	920 mm
Height	320 mm
Weight (without load)	230 kg
Load surface	1300 x 900 mm
Color	
Ral 9005	Signal Black
Payload	
Robot Payload	1000 kg
Speed and performance	
Maximum speed	1.2 m/sec
Power	
Battery	Li-NMC, 48 V, 40 Ah
Charging time (10% to 90%)	1 hour with MiRCharge 48V, 2 hours with cable charger
Battery charging cycle	Minimum 1000 cycles
External Charger - Cable or Dock	Input: 100-230 V ac, 50-60 Hz / Output: 48 V, max 40 A
Charging current, MiRCharge 48V	35 A
Charging current, cable charger	20 A
Environment	
Ambient temperature range	+5°C to 40°C (humidity 10-95% non-condensing)
Certifications	Complies with ISO/CD 3691-4, EN1525, ANSI B56.5 EMC EN61000-6-2, EN61000-6-3
Communication	
WiFi	Router: 2.4 GHz and 5 GHz. Internal computer: WiFi adapter: 2.4 GHz and 5 GHz, 2 internal antennas
I/Os	4 digital inputs, 4 digital outputs, 1 Ethernet port with Modbus protocol Safety I/O (8 inputs, 5 outputs)
Sensors	
SICK microScan3 safety system (2 pcs.)	360° visual protection around robot
3D camera (2 pcs.)	Detects objects 1700 mm high at a distance of 950 mm in front of the robot



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