

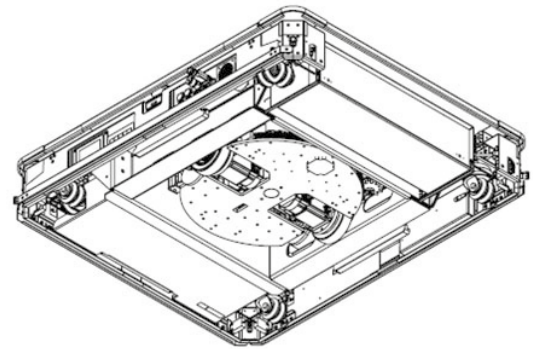
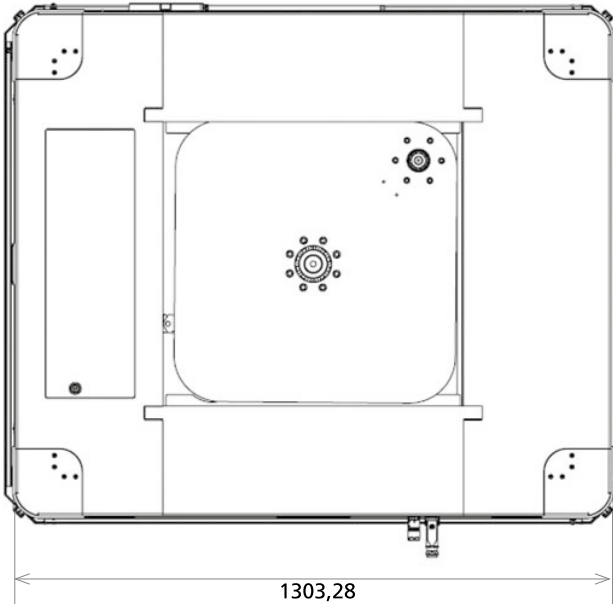
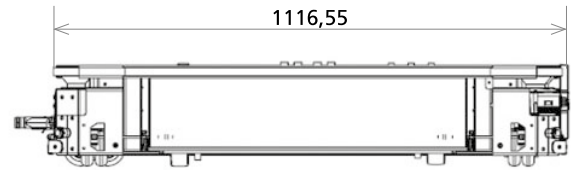
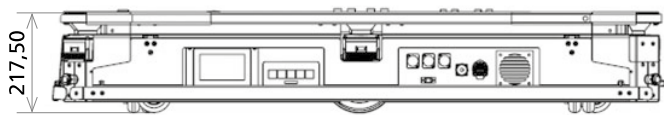
MODEL SERIES AGV/AMR ROBOSHERPA II

The AGV/AMR of the RoboSherpa II model series is a variable platform autonomous vehicle produced in various modifications for a given customer application. AGV/AMR RoboSherpa II is equipped with a pivoting drive axle that allows it to move sideways by 90°.



AGV/AMR ROBOSHERPA II	
Dimensions	
Length	1305-2000 mm
Width	1120 mm
Height	218 mm
Clearance height	40 mm
Lift height	60 mm
Weight	300-400 kg
Payload	
AGV/AMR payload	450-750 kg
Towing capacity	N/A
Move	
Speed	1,2 m/s
Move / Drive	Omnidirectional / Differential with 90° rotation Bidirectional / Differential
Customer extension	
Extension	Yes
Type extension	Belt conveyors, roller conveyors, robots
Safety	
Safety devices	2-4 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

Dimensions of the basic configuration length 1305 mm



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

Example of roller conveyor installation



ServisControl s.r.o.
Ověčary 299, 280 02 Ověčary
+420 311 240 072 | agv@serviscontrol.cz
www.serviscontrol.cz