

AMC-RC

Autonomous Mobile Cobot - Roller Conveyor



manual ☒ autonomous

Technical data	
Self-weight	210 kg (463.0 lbs)
Max. Speed (v-Max)	2,2 m/s (4.9 mph)
Roller Conveyor	Number of parking spaces: 2 / limited with 3 blade locks Dimensions per parking space: 400x300 mm (15.7x11.8 in) Payload per parking space: Max.15 kg (33.1 lbs) Drives: Intertec EC5000
Automation	
Automation system	SIEMENS TIA + ROS
Type of navigation	SLAM
Positioning precision	+/- 10 mm (+/- 0,39 in)
Complies with safety standard	DIN EN ISO 3691-4
Safety technology (Personal protection)	2x 2D-Safety-Laser-Scanner, Safety bumper, Crash sensors
Machine protection	2x 3D-Camera
Sensors	Photoelectric Sensors - Laser safety class I
Energy source	
Type of battery	Lithium-ion
Charging process	Nominal / Charging end voltage: 53,5 V DC / 60A Energy / Capacity: 2.800 Wh / 60 Ah Battery charging time (with charging station): ca. 1 h
Battery runtime	Ca. 8 h
Communication	
VDA5050	Compatible
Technology	WiFi / 5G

