

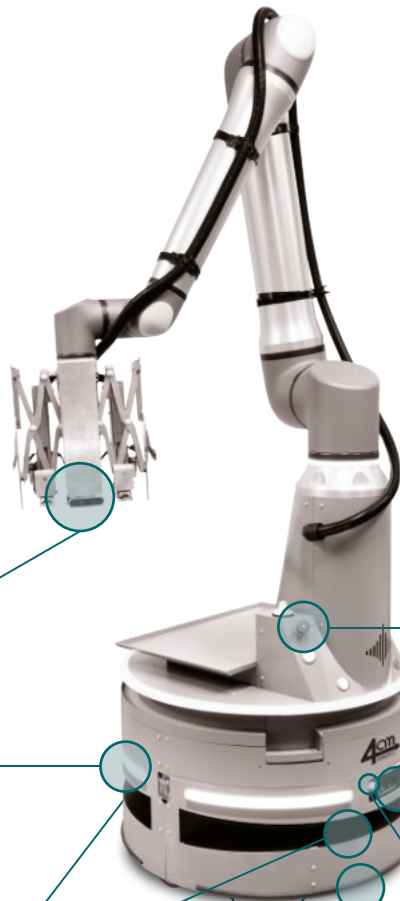
AMC-H

Autonomous Mobile Cobot - Heavy



manual  autonomous

Technical data	
Self-weight	290 kg
Max. Speed (v-Max)	2,2 m/s
Max. Manipulation weight	15 kg
Boxes	KLT/Eurobox max. 600x400 mm (WxL) / Hmax. 320 mm
Pitches	1x max. 600x400 mm or according to customer requirements
Automation	
Automation system	SIEMENS TIA + ROS
Type of navigation	SLAM
Positioning precision (localization)	+/- 20 mm
Complies with safety standard	CE-certified according to DIN EN ISO 3691-4
Safety technology (Personal protection)	2x 2D-Safety-Laser-Scanner, Safety bumper, Crash sensors
Machine protection	2x 3D-Camera
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
Communication	
VDA5050	Ready
Technology	WiFi / 5G



3D-Camera - Box detection & QR/Bar-Code scan

Emergency Stop

LED

3D-Camera

2D-Safety-Laser-Scanner
Safe monitoring of the area
360° around the vehicle

Bluespot

Crash sensors

Safety Bumper

