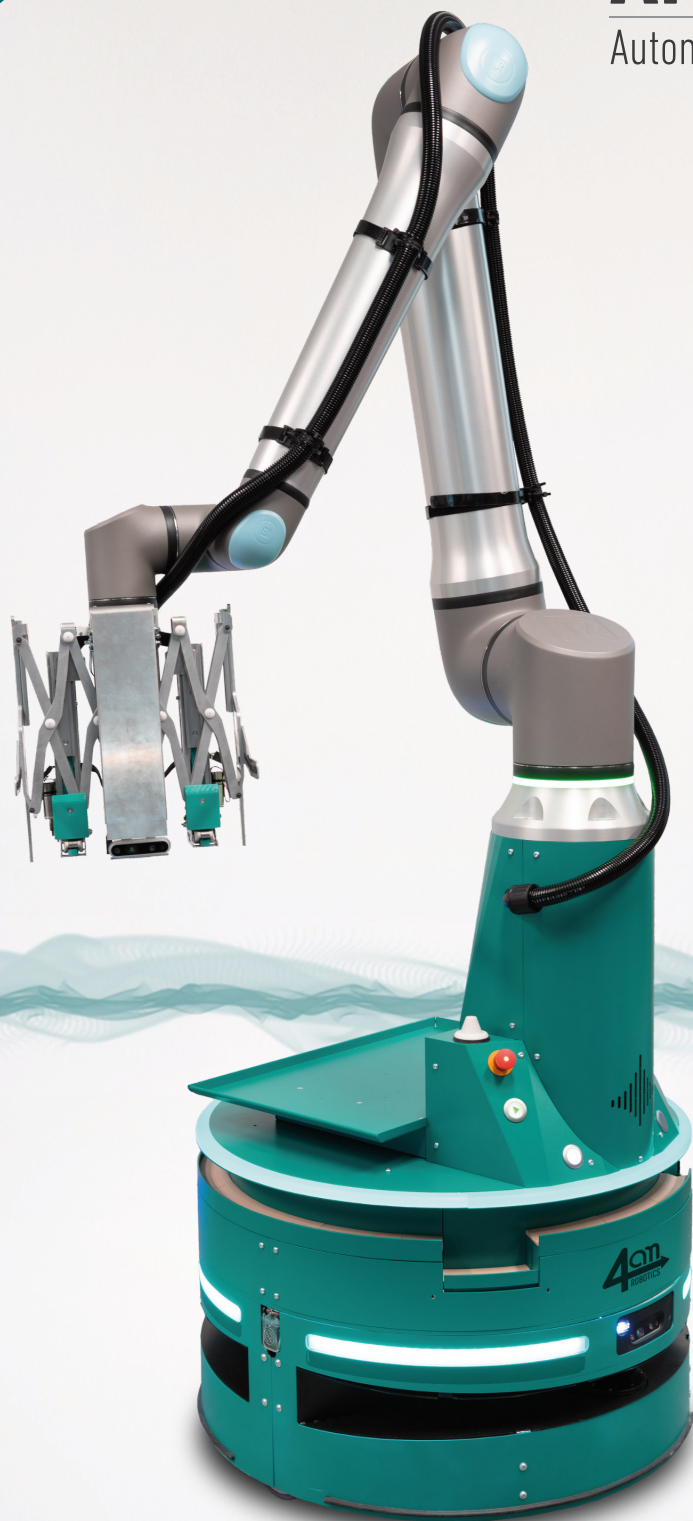


AMC-H

Autonomous Mobile Cobot - Heavy



manual  autonomous

Technical data	
Self-weight	290 kg (639.3 lbs)
Max. Speed (v-Max)	2,2 m/s (4.9 mph)
Max. Manipulation weight	15 kg (33.1 lbs)
Boxes	KLT/Eurobox max. 600x400 mm (WxL) / Hmax. 320 mm (KLT/Eurobox max. 23.6x15.7 in (WxL) / Hmax. 12.6 in)
Pitches	1x max. 600x400 mm (23.6x15.7 in) or according to customer requirements
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
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	Compatible
Technology	WiFi / 5G

AMC-H

Autonomous Mobile Cobot - Heavy

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

Crash sensors

Bluespot

Safety Bumper

