

RB-ROBOUT

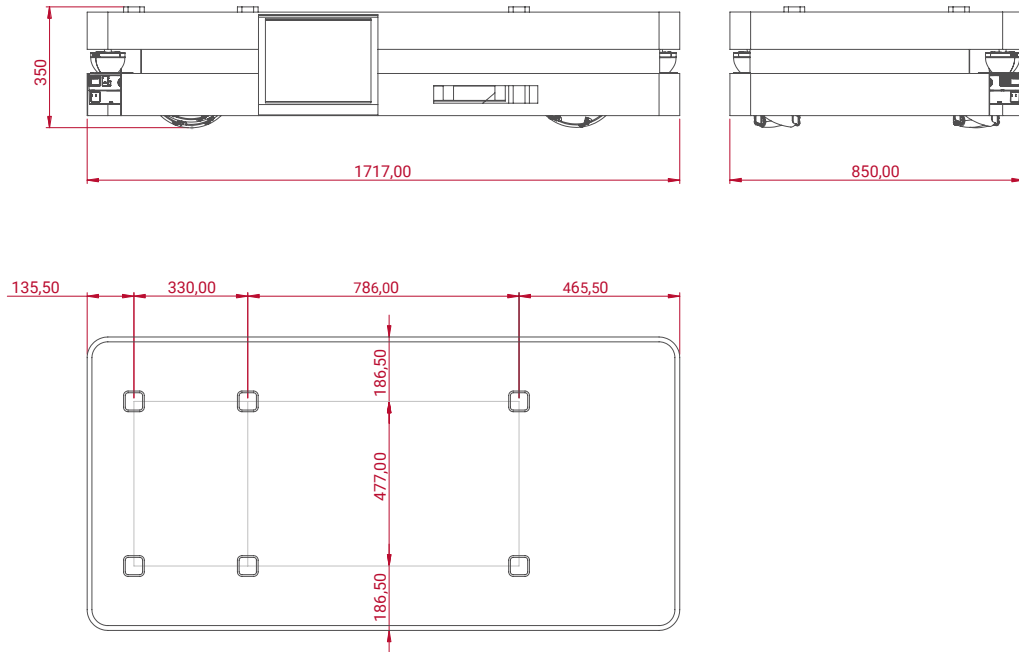
AUTONOMOUS MOBILE ROBOT (AMR)



AUTONOMOUS AND
COLLABORATIVE **MOBILE
ROBOT** (AMR) FOR HIGH
LOADS TRANSPORT

LOADING / UNLOADING
INDUSTRIAL AND
WAREHOUSING TRANSPORT





TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions	1.717 x 850 x 350 mm
Weight	350 kg
Payload	1.000 kg
Speed	1,1 m/s
Autonomy	Up to 10 h
Traction motors	3 kw with break
Environment	Indoor
Enclosure class	IP42 / Weatherproof
Temperature range	0° to + 50°C
Traction system	Omnidirectional
Localization system	SLAM Magnetic guide
Battery	LiFePO₄ 100Ah@48V
Anchor points	6 on the top
Max. slope	11%

CONTROL

Controller	Open architecture ROS Integrated CPU with Linux
Communication	WiFi 02.11a / b / g / n / ac Bluetooth 5.1 (5G/4G optional)
Connectivity	USB, RJ45, HDMI, Power supply 12, 24 VDC and batteries
Robot safety	Safety laser (2x) Safety PLC Safety button (4x)

OPTIONS

Lifting unit up to 800 Kg

Roller conveyor

**Plug and play integration of
Universal Robots™ OEM DC
e-series arms**

**Telescopic column from 500 to
1.400 mm**