

# RB-ROBOUT

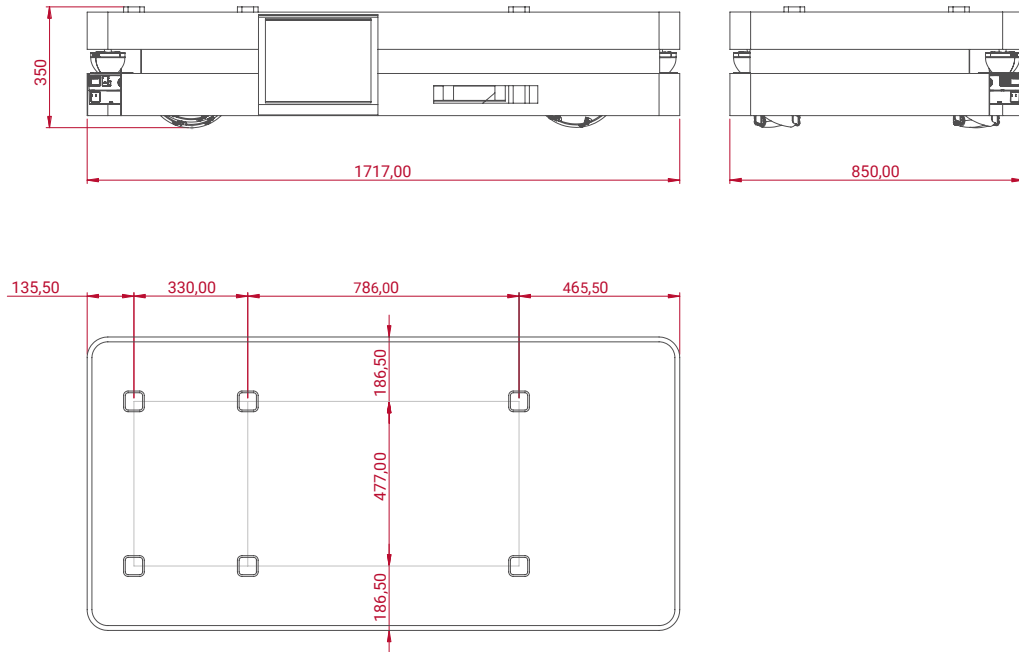
AUTONOMOUS MOBILE ROBOT (AMR)



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

LOADING / UNLOADING  
INDUSTRIAL AND  
WAREHOUSING TRANSPORT





## TECHNICAL SPECIFICATIONS

### MECHANICAL

Dimensions	<b>1.717 x 850 x 350 mm</b>
Weight	<b>350 kg</b>
Payload	<b>1.000 kg</b>
Speed	<b>1,1 m/s</b>
Autonomy	<b>Up to 10 h</b>
Traction motors	<b>3 kw with break</b>
Environment	<b>Indoor</b>
Enclosure class	<b>IP42 / Weatherproof</b>
Temperature range	<b>0° to + 50°C</b>
Traction system	<b>Omnidirectional</b>
Localization system	<b>SLAM   Magnetic guide</b>
Battery	<b>LiFePO<sub>4</sub> 100Ah@48V</b>
Anchor points	<b>6 on the top</b>
Max. slope	<b>13%</b>

### CONTROL

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

### 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**