

RB-ROBOUT

AUTONOMOUS MOBILE ROBOT (AMR)

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FOR **HIGH LOADS** TRANSPORT



LOADING / UNLOADING



INDUSTRIAL TASKS



WAREHOUSING TRANSPORT



RB-ROBOUT

THE SOLUTION FOR THE TRANSPORT OF HEAVY LOADS IN INTRALOGISTICS TASKS

The **RB-ROBOUT** mobile robot is the solution for transporting heavy loads up to 1 tonne in weight, in indoor industrial environments such as factories or warehouses. It has a robust steel design and can transport up to 1.000 kg of load. The dolly has omnidirectional kinematics based on 4 high power drive wheels.

COMPONENTS INCLUDED

- CPU Intel i7
- Safety Pack
 - » 2x 2D safety scanner
 - » Safety PLC
- Front & back RGBD Camera
- 4G Router
- IMU
- Battery 48VDC@100Ah
- Charging station

OPTIONAL COMPONENTS

- 3D Localization and Navigation Package
- AI+Vision Package
- 5G Router
- Magnetic guide navigation
- Roller conveyor

MECHANICAL

Dimensions	1.758 x 891 x 372 mm
Weight	350 Kg
Payload	1.000 Kg
Speed	1,1 m/s
Environment	Indoor
Enclosure class	IP42 / Weatherproof
Autonomy	Up to 10 h
Traction motors	4 x 750 W with brake
Traction system	Omnidirectional
Localization system	SLAM / Magnetic guide
Temperature range	0°C to + 50°C
Max. slope	11 %
Anchor points	6 on the top

CONTROL

Controller	ROS Architecture
Communication	WiFi 802.11 b/g/n/ac Bluetooth 4.0
Connectivity	USB x3 Ethernet x3 HDMI x1 DC Power Output

BLUEPRINTS

