

MOBILE MANIPULATOR ROBOT (MMR)

RB-STEEL

AUTONOMOUS MOBILE ROBOT (AMR)

ABLE TO CARRY **HEAVY LOADS UP TO 250 KG**



INDUSTRIAL APPLICATIONS



LOGISTICS



WAREHOUSING TRANSPORT



RB-STEEL

INDUSTRIAL VERSION

250 KG OF PAYLOAD AND OMNIDIRECTIONAL WHEELS

RB-STEEL is a robotic platform for application development (logistics, indoor transport, etc.). It has a robust design and can carry up to 250 kg payload.

COMPONENTS INCLUDED

- Mecanum omnidirectional wheels (Payload 100kg)
- CPU
- Safety Pack
 - » 2x 2D safety scanner Outdoor Scan
 - » Safety PLC
- RGBD camera
- 4G Router
- IMU
- Battery 48VDC@30Ah
- Docking station

OPTIONAL COMPONENTS

- Mecanum strong wheels (Payload 250 kgs)
- 5G Router
- AI + Vision Package
- 3D Localization and Navigation Package

MECHANICAL

Dimensions	967 x 775 x 509 mm
Weight	105 kg
Payload	Up to 250 kg
Speed	3 m / s
Environment	Indoor
Enclosure class	IP52
Autonomy	Up to 6 h
Traction motors	4 x 500 W brushless servomotors with safety brake
Temperature range	0° to + 50°C
Max. slope	15 %

CONTROL

Controller	CPU ROS (Intel i7)
Communication	WiFi 802.11ac Bluetooth 5.1
Connectivity	3 x USB 2 x Ethernet 1 x HDMI DC power output

BLUEPRINTS

