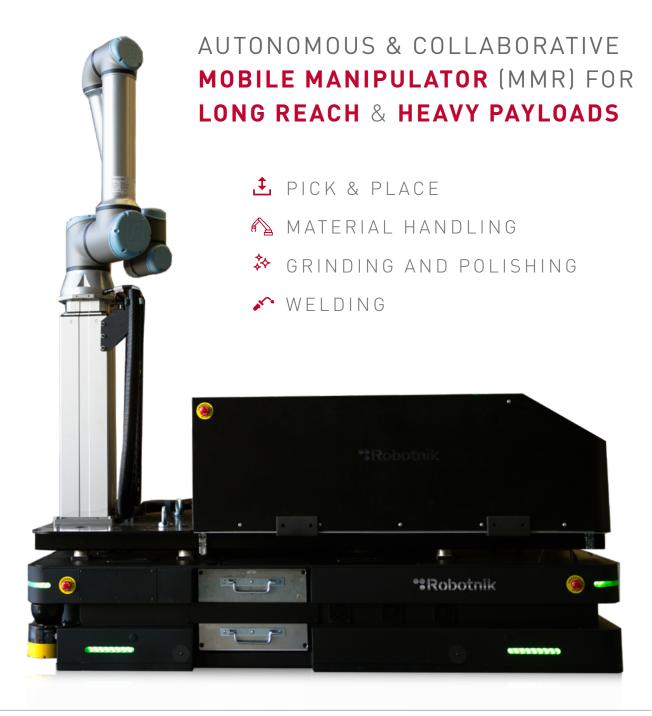


MOBILE MANIPULATOR ROBOT (MMR)

RB-ROBOUT



RB-ROBOUT

MOBILE MANIPULATOR WITH HIGH PAYLOAD

RB-ROBOUT+ UR10e is the solution for automating large manipulation operations with workpieces or components weighing up to 12,5 kg. It stands out as the only omnidirectional motion robot manipulator with such a high payload.

INCLUDED COMPONENTS

- CPU Intel i7
- Safety Pack
 - » 2x 2D safety scanner
 - » Safety PLC
- Front & Back RGBD camera
- 5G Router
- IMU
- Robotic arm: UR10e
 - » Payload: 12,5 kg
 - » Reach: 1.300 mm
- Battery 48VDC@100Ah
- Arm structure
- Charging station

OPTIONAL COMPONENTS

- Lifting unit
- Magnetic guide navigation
- Al+Vision Package
- 3D Localization and Navigation Package
- Remote Emergency Stop

MECHANICAL

Dimensions **1.789 x 927 x 1.560 mm**

Weight 600 Kg

Payload **800-1.000 kg**

Speed 1,1 m/s

Environment Indoor

Enclosure class IP41

Autonomy **Up to 8 h**

Traction motors 4 x 600 W

Localization system SLAM / GPS / Magnetic guidance

Temperature range 5°C to 40°C

Max. slope 11 %

CONTROL

Controller ROS 2 Architecture

Communication WiFi 802.11 b/g/n/ac

Bluetooth 5.1

Connectivity 3 x USB

3 x Ethernet 1 x HDMI

DC Power Output

DRAWINGS

