Robotnik

RB-KAIROS 16e



COMPLETELY INTEGRATED **COLLABORATIVE MOBILE MANIPULATOR** (CMM), FOR **INDUSTRIAL TASKS**

PICK & PLACE

METROLOGY

PART FEEDING

INDUSTRIAL APPLICATIONS

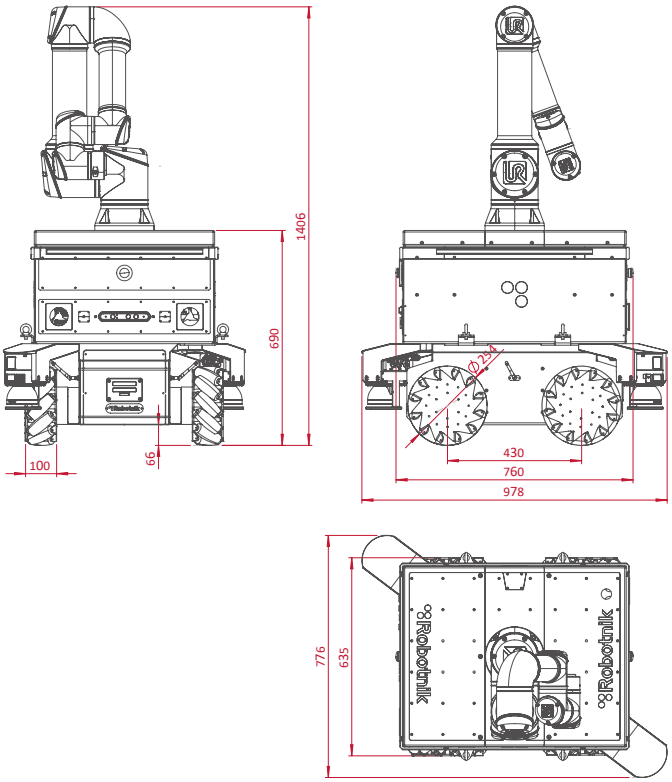
R & D



TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions	**978 x 776 x 1.406 mm**
Weight	**115 kg + 33,1 kg**
Payload	**100 kg / 250 kg**
Speed	**1,5 m / s**
Environment	**Indoor**
Enclosure class	**IP52 / IP64**
Autonomy	**6 / 12 h**
Batteries	**LiFePO$_4$ 15 / 30Ah@48VDC**
Traction motors	**4 x 500 W brushless servomotors wtih safety brake**
Temperatura range	**0° to + 50°C**
Max. slope	**10 %**

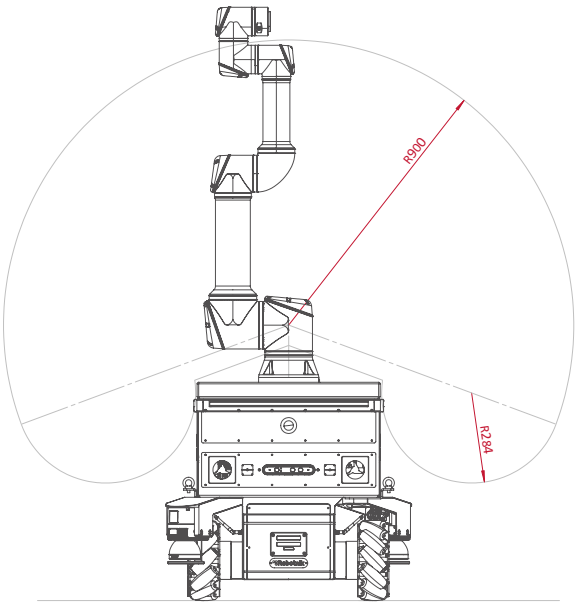


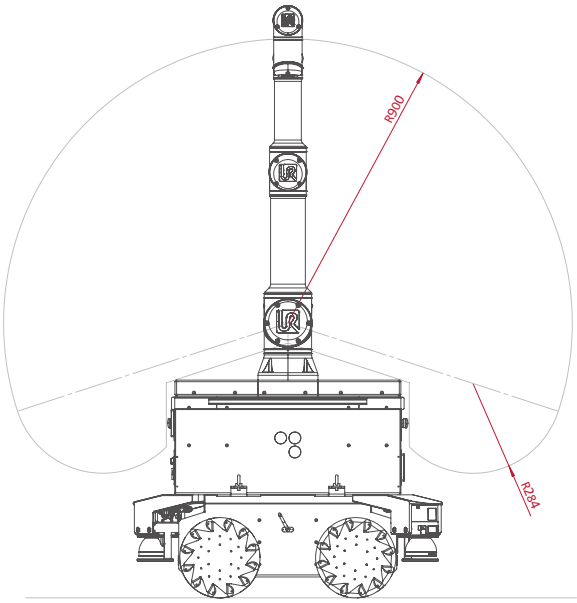
CONTROL

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, power supplies 12, 24 VDC and batteries**
	Ready for plug and play integration of Universal Robots™ arms (OEM DC Version)

UR16E

Payload	**16 kg**
Reach	**900 mm**
	Ready for integration of compatible accessories arm available in ROS Components store





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