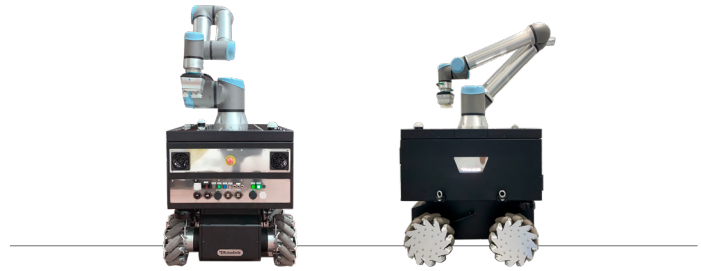


# RB-KAIROS 10e



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

- PICK & PLACE
- METROLOGY
- PART FEEDING
- INDUSTRIAL APPLICATIONS
- R & D



## TECHNICAL SPECIFICATIONS

### MECHANICAL

Dimensions	<b>978 x 776 x 1.542 mm</b>
Weight	<b>115 kg + 33,5 kg</b>
Payload	<b>100 kg / 250 kg</b>
Speed	<b>1,5 m / s</b>
Environment	<b>Indoor</b>
Enclosure class	<b>IP52 / IP64</b>
Autonomy	<b>6 / 12 h</b>
Batteries	<b>LiFePO<sub>4</sub> 15 / 30Ah@48VDC</b>
Traction motors	<b>4 x 500 W brushless servomotors with safety brake</b>
Temperatura range	<b>0° to + 50°C</b>
Max. slope	<b>10 %</b>

**CONTROL**

Controller **Open architecture ROS  
Integrated CPU with Linux**

Communication **WiFi 02.11a / b / g / n / ac  
Bluetooth 5.1**

Connectivity **Internal: USB, RS232 y GPIO  
External: USB, RJ45, power  
supplies 5, 12 VDC and batteries**

**Ready for plug and play  
integration of Universal Robots™  
arms (OEM DC Version)**

**URIOE**

Payload **10 kg**

Reach **1.300 mm**

**Ready for integration of  
compatible accessories arm  
available in ROS Components  
store**

