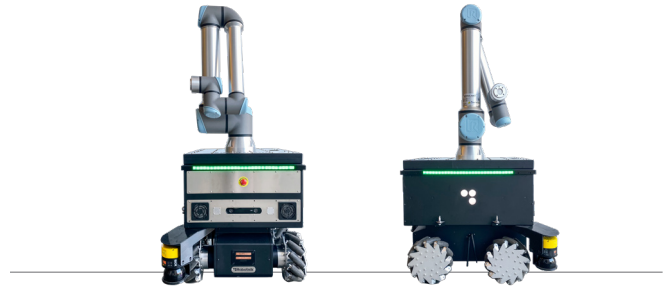


# RB-KAIROS 5e



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 1.010 mm**

Weight **115 kg + 20,6 kg**

Payload **Up to 250 kg**

Speed **1,5 m / s**

Environment **Indoor**

Enclosure class **IP52**

Autonomy **Up to 12 h**

Batteries **LiFePO<sub>4</sub> 15Ah@48VDC or  
30Ah@48VDC**

Traction motors **4 x 500 W  
brushless servomotors  
with safety brake**

Temperatura range **0° to + 50°C**

Max. slope **15 %**

## 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)**

## UR5E

Payload **5 kg**

Reach **850 mm**

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

