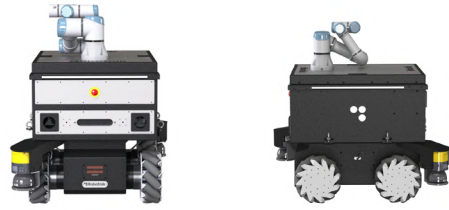


# RB-KAIROS 3e



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 944 mm**

Weight **115 kg + 11,2 kg**

Payload **100 kg / 250 kg**

Speed **1,5 m / s**

Environment **Indoor**

Enclosure class **IP52 / IP64**

Autonomy **6 / 12 h**

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

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

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)**

## UR3E

Payload **3 kg**

Reach **500 mm**

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

