

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 **LiFePO₄ 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 (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)**

UR3E

Payload **3 kg**

Reach **500 mm**

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

