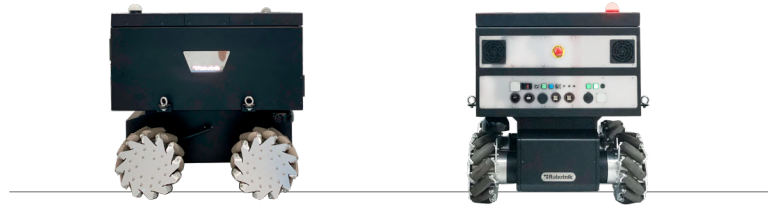


# RB-KAIROS

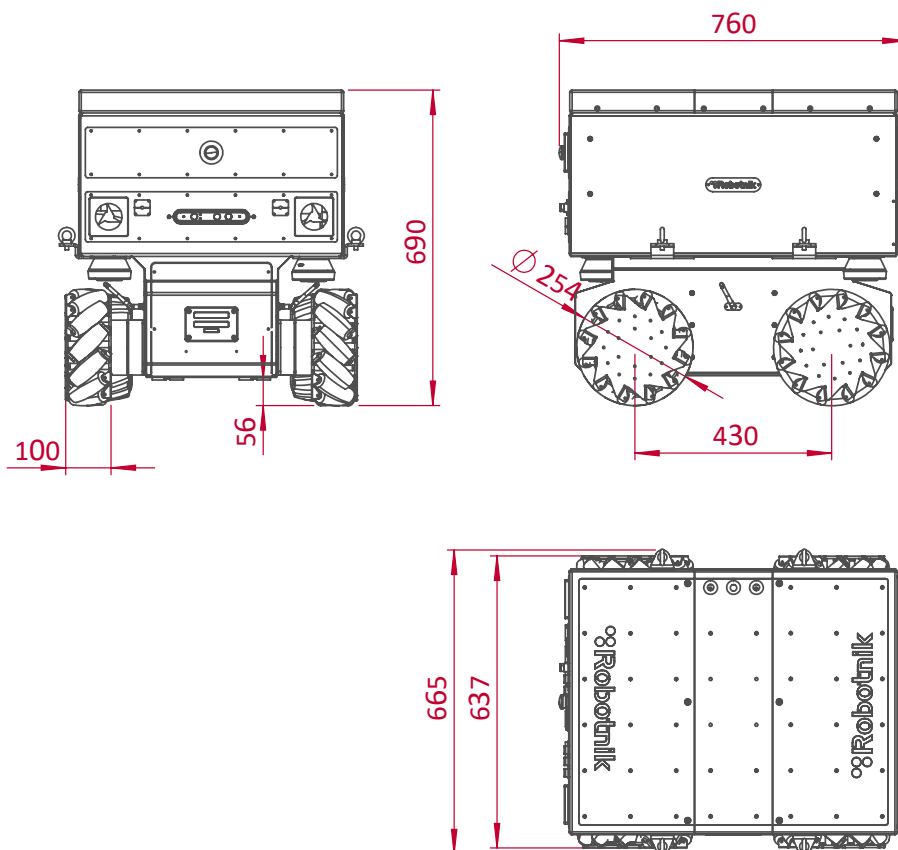
AUTONOMOUS MOBILE ROBOT (AMR)



**MOBILE PLATFORM** READY TO  
INTEGRATE A UR e-SERIES ARM  
(UR3e/UR5e/UR10e/UR16e)

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





## TECHNICAL SPECIFICATIONS

### MECHANICAL

Dimensions **760 x 665 x 690 mm**

Weight **115 kg**

Payload **250 kg**

Speed **2 m / s**

Environment **Indoor**

Enclosure class **IIP54 / 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 PC 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 battery**

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