

RB-EKEN IO

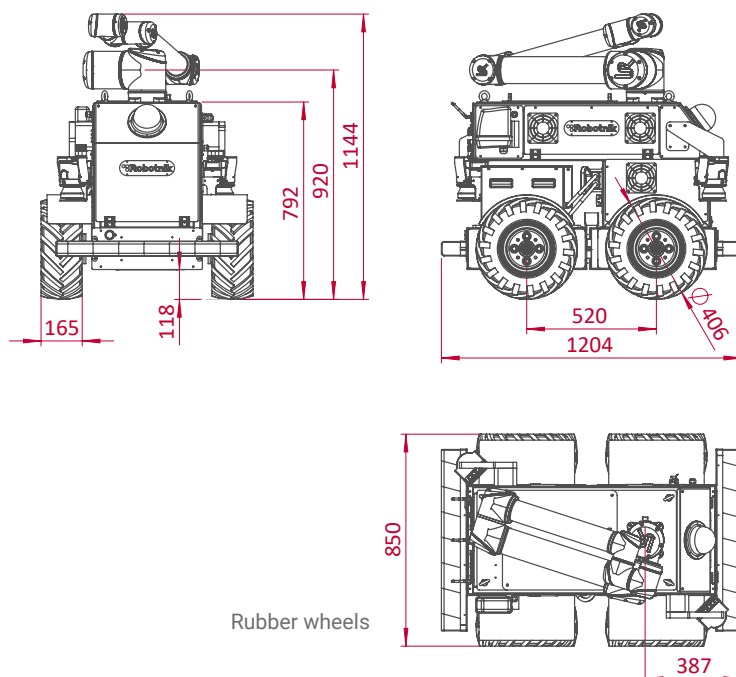
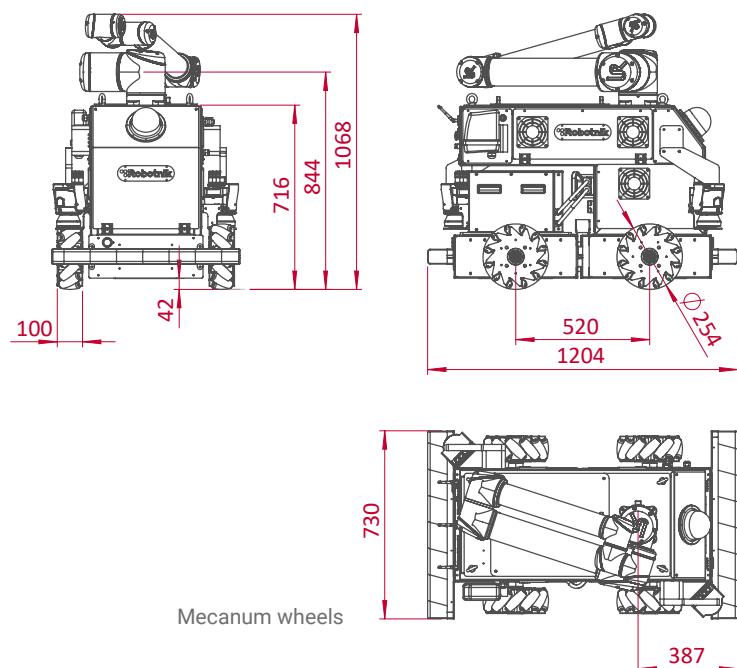


COMPLETELY INTEGRATED
**COLLABORATIVE MOBILE
MANIPULATOR (CMM)** FOR
INDUSTRIAL TASKS

INDUSTRIAL MOBILE MANIPULATION

PICK & PLACE
LOADING / UNLOADING
POSITIONING OF WORKPIECES
ASSEMBLY
SCREWING
DRILLING / MILLING
INSPECTION AND CHECK





TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions **1.204 x 730 x 1.068 mm (Folded)**
(mecanum wheels)

Weight **280 kg**

Payload **300 kg**

Speed **2 m/s**

Environment **Indoor/Outdoor**

Autonomy **4 h continuous motion**

Batteries **LiFePO₄ 60Ah@48V**

Motors **4 x 1,2 kW**

Temperature range **0° to +40°C**

Max. slope **60 % (with outdoor wheels)**

CONTROL

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

Communication **WiFi 802.11n**

Connectivity **RJ45, USB, HDMI**

ARM

Weight **28,9 kg**

Payload **10 kg**

Reach **1.300 mm**