

# RB-ROBOUT



INDUSTRIAL **DUAL ARM**  
COLLABORATIVE MOBILE  
MANIPULATOR (CMM)

INDUSTRIAL MOBILE MANIPULATION

PICK & PLACE

LOADING / UNLOADING

BI-MANUAL OPERATIONS

ASSEMBLY

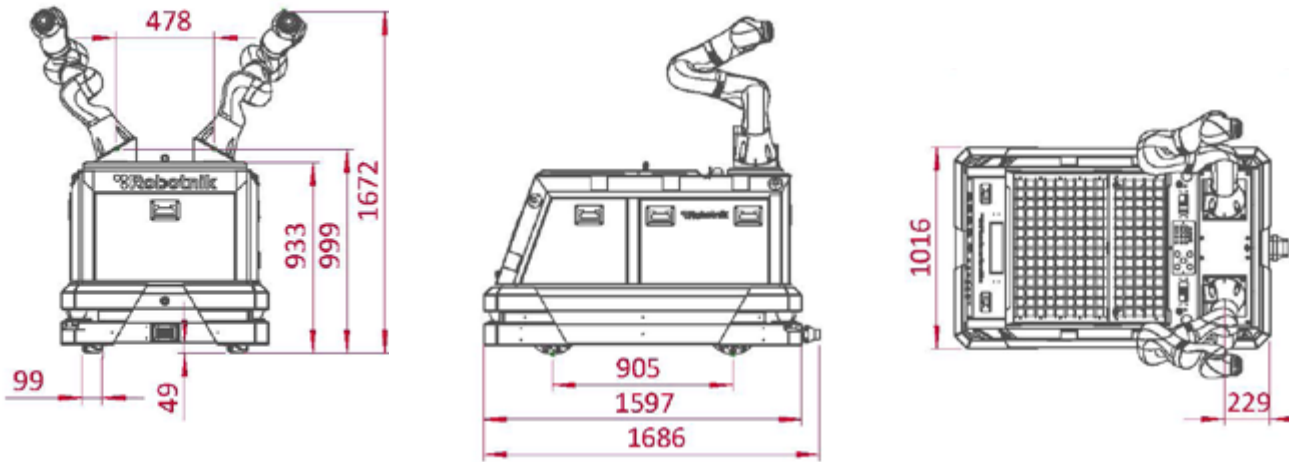
SCREWING

DRILLING / MILLING

INSPECTION AND CHECK

RESEARCH & DEVELOPMENT





## TECHNICAL SPECIFICATIONS

### MECHANICAL

Dimensions **1.597 x 1.016 x 933 mm**

Weight **554 kg**

Speed **1 m/s**

Autonomy **8 h continuous motion**

Traction motors **4 x 1000 W**

Traction system **Omnidirectional wheels**

Batteries **LiFePO<sub>4</sub> 130Ah@48V**

Temperature range **0° to +45°C**

Max. slope **10%**

### CONTROL

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

Communication **WiFi**

Connectivity **3-Port Ethernet  
6-Port USB  
Pneumatic quick connect  
Power supplies 5, 12, 24, 48 VDC  
and battery**

### ARMS

Weight **23-29,9 Kg**

Payload **7-14 Kg**

Reach **800– 820mm**

Sunrise cabinet **Integrated inside  
the robot**

### VGIO

(Optional gripper)

Weight **1,62 Kg**

Gripping force **100-150 N**

Gripping time **0,35 seg**