

RB-ROBOUT



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

INDUSTRIAL MOBILE MANIPULATION
PICK & PLACE

LOADING / UNLOADING

BI-MANUAL OPERATIONS

ASSEMBLY

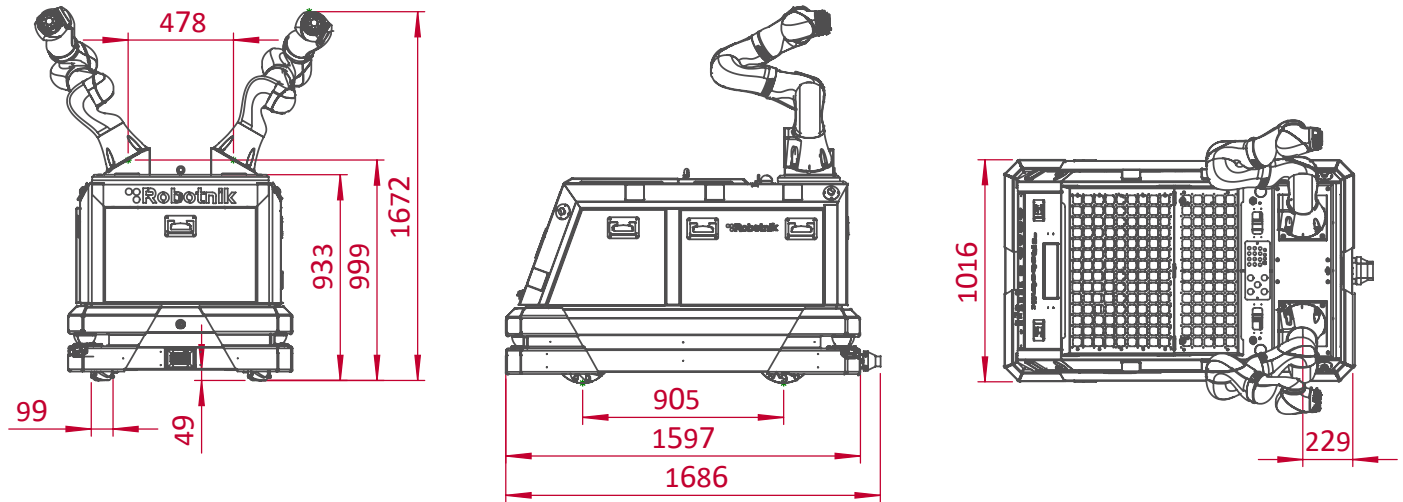
SCREWING

DRILLING / MILLING

INSPECTION AND CHECK

RESEARCH & DEVELOPMENT





TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions **1.686 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 **LiFePO₄ 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– 820 mm**

Sunrise cabinet **Integrated inside
the robot**

VGIO

(Optional gripper)

Weight **1,62 Kg**

Gripping force **100-150 N**

Gripping time **0,35 seg**