



RB-VULCANO 16

MOBILE MANIPULATOR
FOR **INDUSTRIAL APPLICATIONS**

LOGISTICS, WAREHOUSES & OTHERS

INDUSTRIAL APPLICATIONS

APPLICATIONS IN HARSH
ENVIRONMENTS

OPTIONS

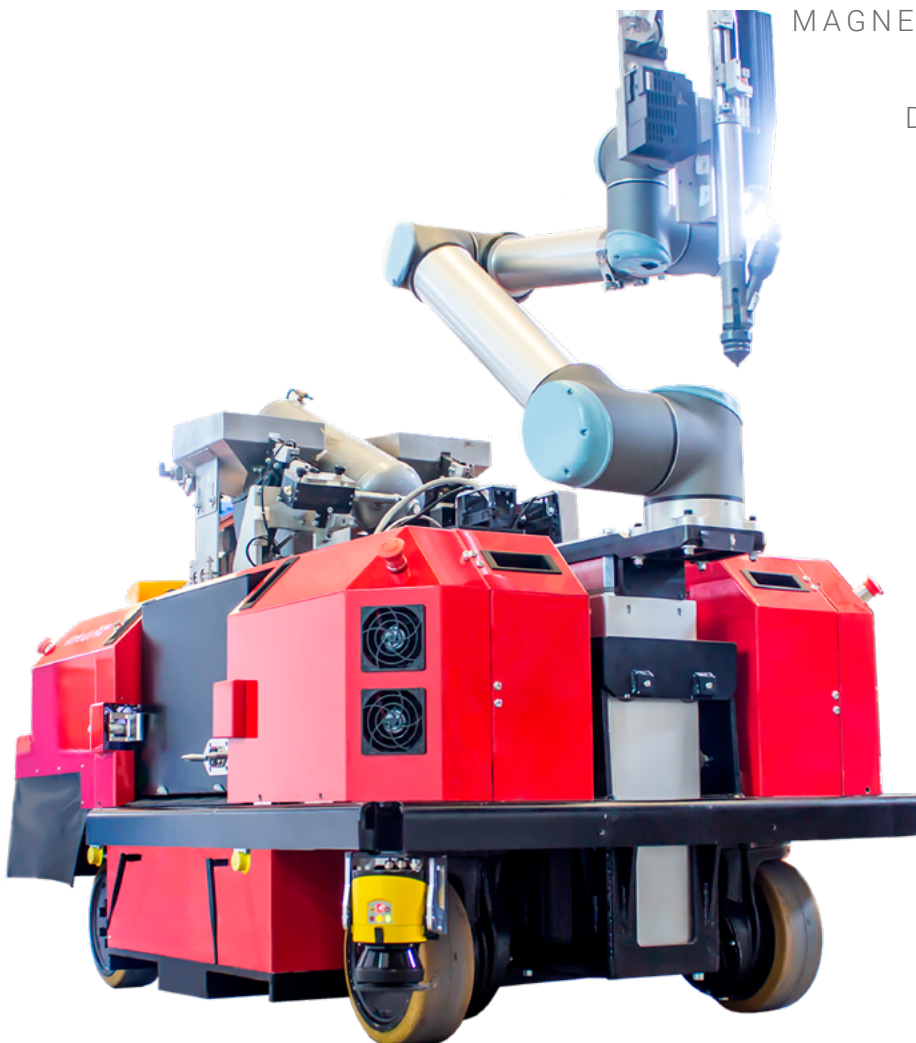
DOCKING STATION

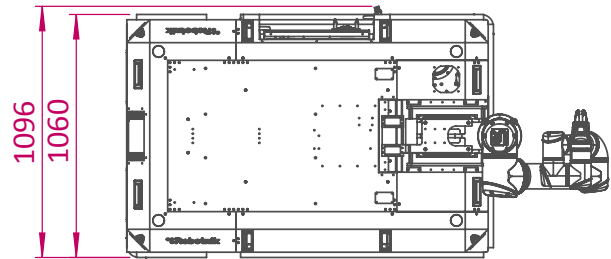
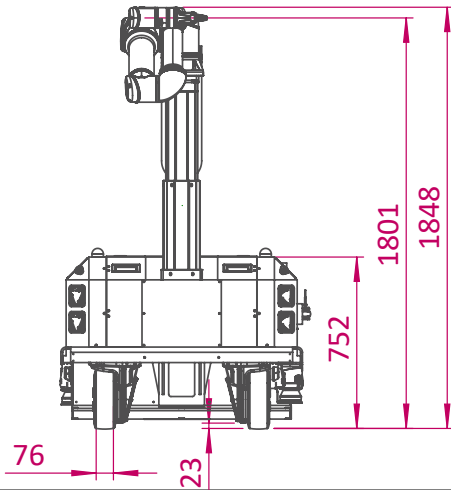
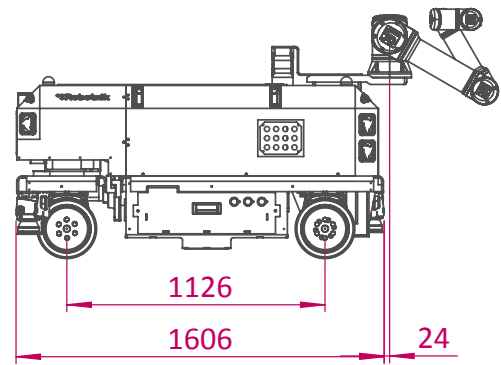
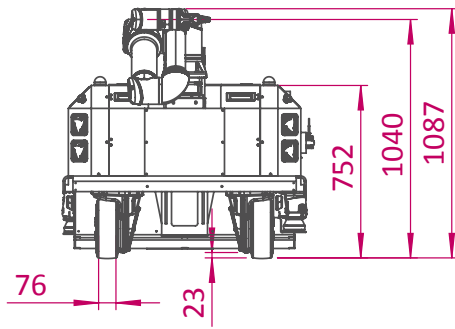
MAGNETIC GUIDANCE SENSORS

LIFTING UNIT

DIGITAL & ANALOG

I / O MODULE





TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions	1.606 x 1.096 x 1.087 mm (Folded)
Weight	850 kg
Payload	1.750 kg
Speed	1 m/s
Environment	Indoor
Enclosure class	IP21
Traction system	Single Ackermann Dual Ackermann Omni-drive (swerve drive)
Traction motors	4 x 1200 W
Direction motors	4 x 500 W
Batteries	LiFePO₄ 200Ah@48V
Temperature range	0° to +45°C

CONTROL

Controller	Open architecture ROS Embedded PC with Linux
Communication	WiFi 802.11n
Connectivity	On demand

ARM

Weight	28,9 kg
Payload	16 kg
Reach	1.300 mm

EGP 40 CO ACT

(Optional gripper)	
Weight	0,7 kg
Gripping force	35-140 N
Stroke	6 mm

ELEVATION SYSTEM

Stroke	750 mm
--------	---------------