



RB-VULCANO 10

MOBILE MANIPULATOR
FOR **INDUSTRIAL APPLICATIONS**

LOGISTICS, WAREHOUSES & OTHERS

INDUSTRIAL APPLICATIONS

APPLICATIONS IN HARSH
ENVIRONMENTS

OPTIONS

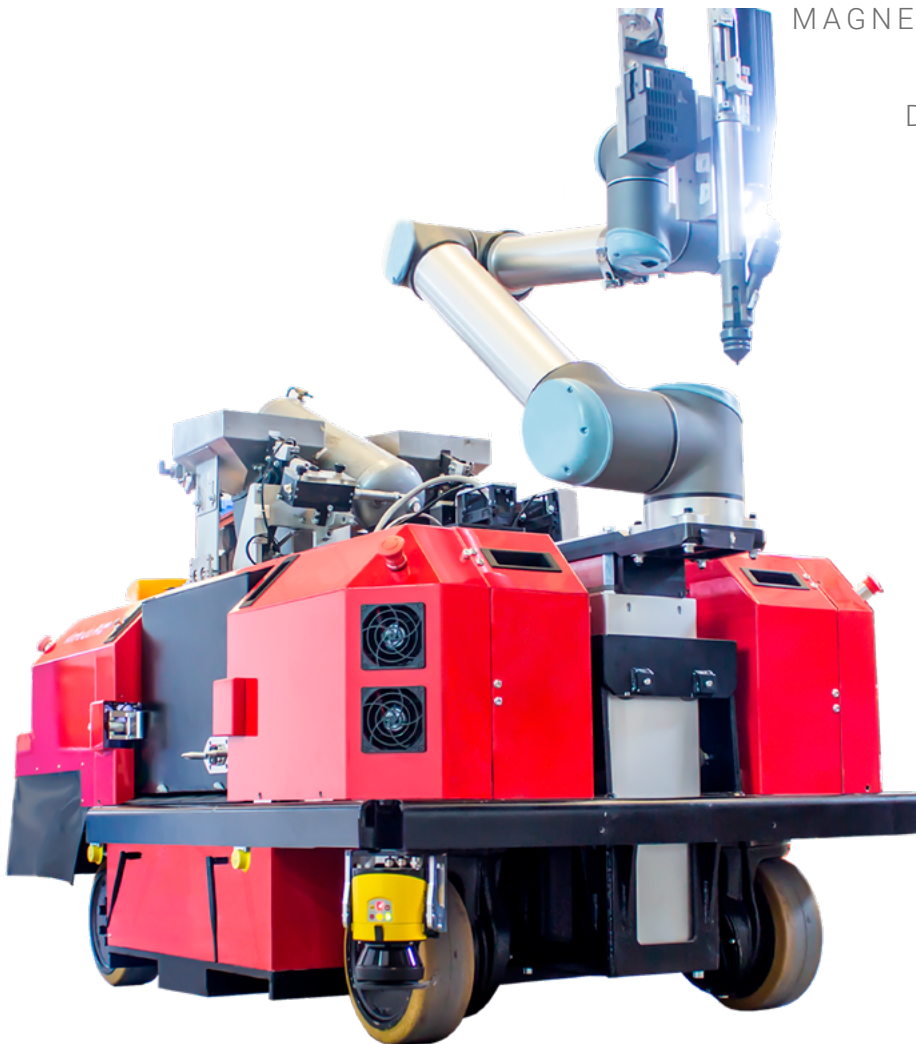
DOCKING STATION

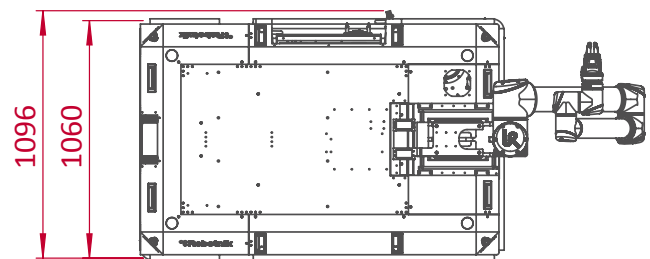
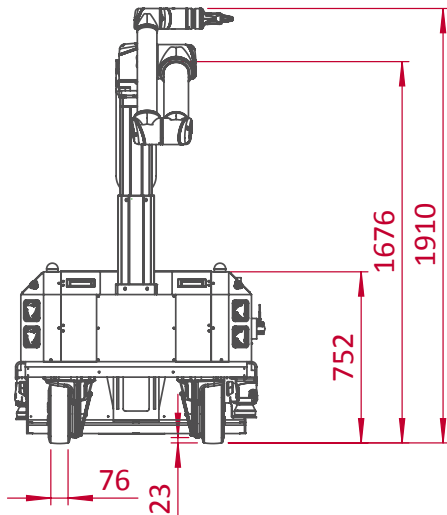
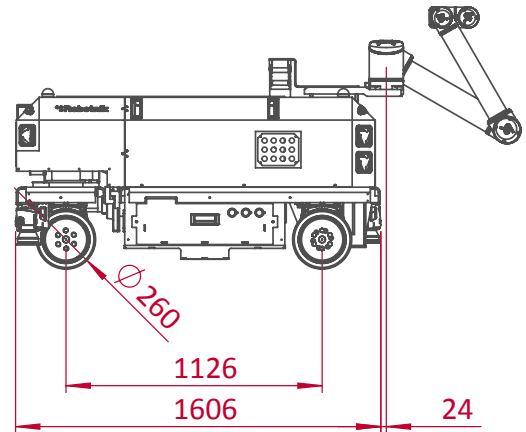
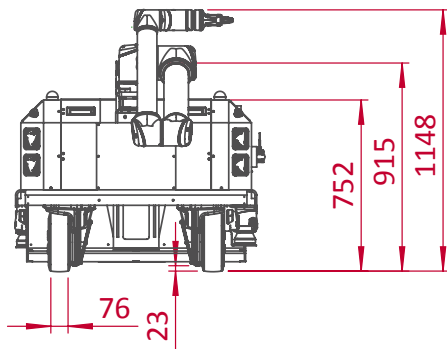
MAGNETIC GUIDANCE SENSORS

LIFTING UNIT

DIGITAL & ANALOG

I / O MODULE





TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions **1.606 x 1.096 x 1.148 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 **10 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**