

# RB-VULCANO 16



MOBILE MANIPULATOR  
FOR **INDUSTRIAL APPLICATIONS**

LOGISTICS, WAREHOUSES & OTHERS

INDUSTRIAL APPLICATIONS

APPLICATIONS IN HARSH  
ENVIRONMENTS

### **OPTIONS**

DOCKING STATION

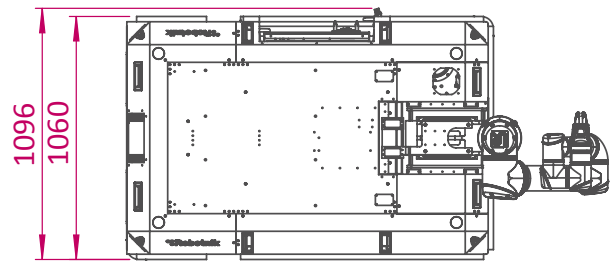
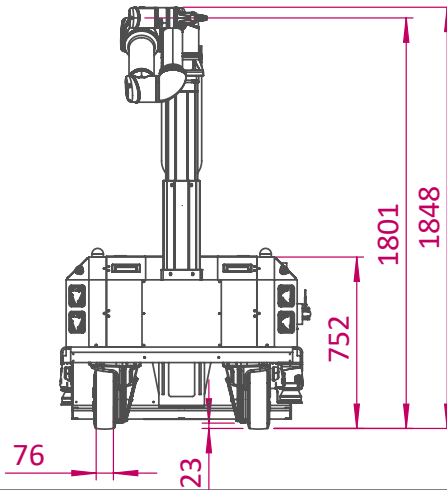
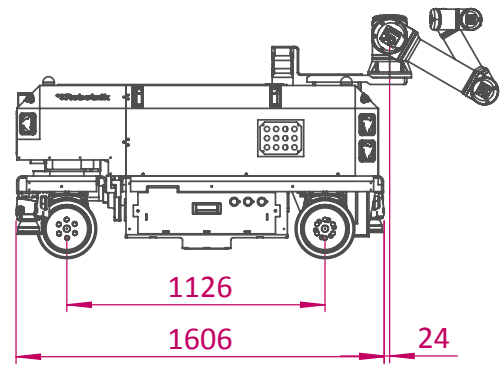
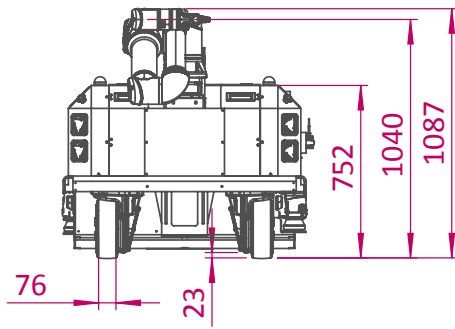
MAGNETIC GUIDANCE SENSORS

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 **LiFePO<sub>4</sub> 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**