

RB-VULCANO PRO



CUSTOMIZABLE MOBILE ROBOT
FOR INDUSTRIAL APPLICATIONS

RESEARCH & DEVELOPMENT

GENERAL PURPOSES

INDUSTRIAL MOBILE
MANIPULATION

OPTIONS

DOCKING STATION

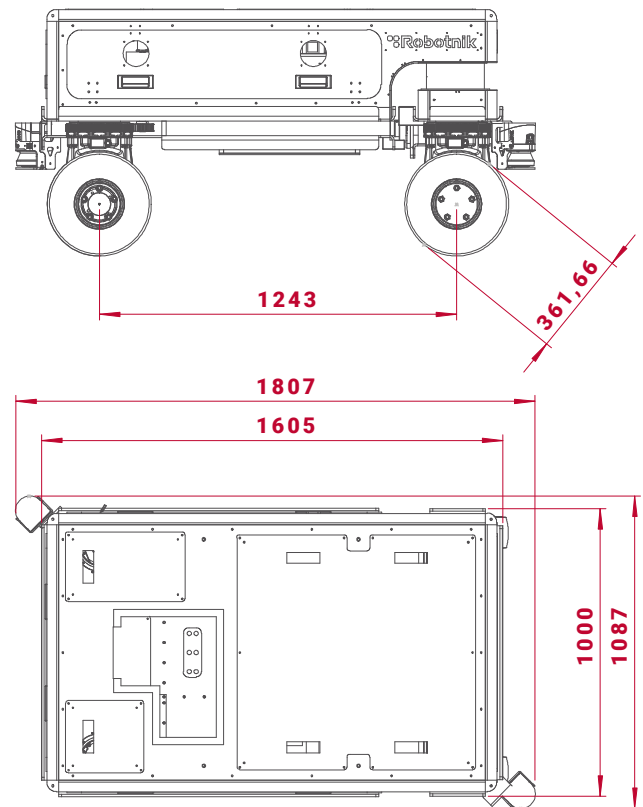
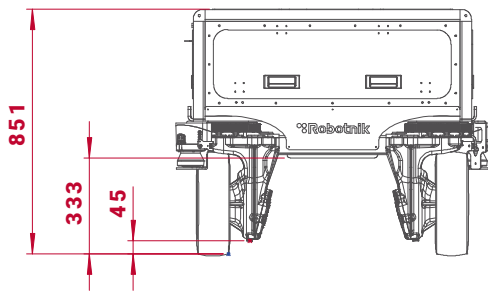
LIFTING UNIT

DIGITAL & ANALOG

I / O MODULE

MAGNETIC GUIDANCE SENSORS





TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions $\geq 1.807 \times 1.087 \times 941 \text{ mm}^*$

Weight $\geq 700 \text{ kg}^*$

Payload $\geq 250 \text{ kg}^*$

Speed **1 m/s**

Enclosure class $\geq \text{IP21}^*$

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**

* These values depend on the components and applications. Check possibilities.