

RB-ARES



HEAVY DUTY
PALLET JACK
TOTALLY AUTONOMOUS

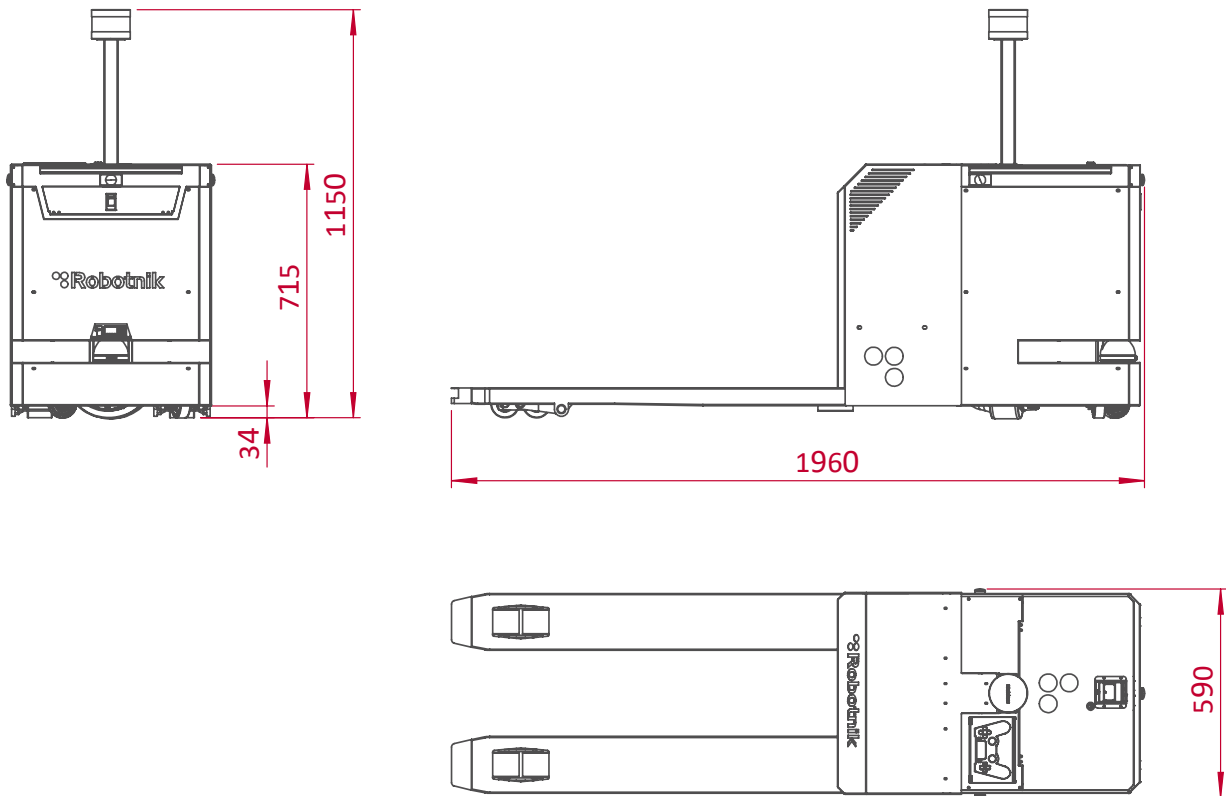
THE ROBOT IS ABLE TO
CARRY UP TO 1.500 KG LOAD

LOGISTICS

INDUSTRIAL TASKS

RESEARCH & DEVELOPMENT





TECHNICAL SPECIFICATIONS

MECHANICAL

Dimensions **1.960 x 590 x 1.150 mm**

Weight **250 Kg**

Payload **1.500 Kg**

Speed **1,2 m/s**

Autonomy **6 h continuous motion**

Batteries **64Ah@24VDC**

Navigation **Autonomous with odometry, contour scanning and vision. Pallet detection sensors.**

Personal safety **Safety laser scan. Emergency stop buttons.**

CONTROL

Controller **Open architecture ROS Embedded PC with Linux**

Communication **WiFi**

Connectivity **2 x ETH port
3 x USB port
External: Power supplies
12 VDC and battery**