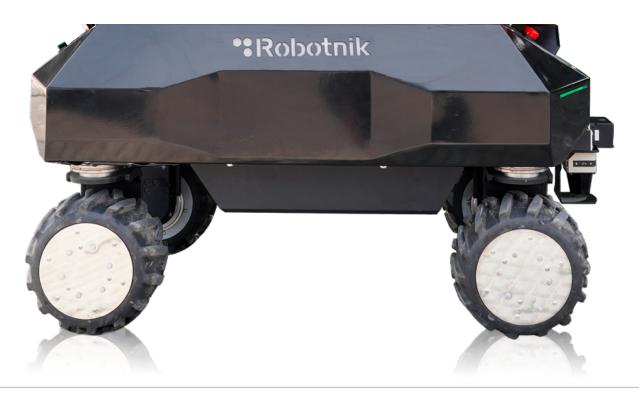


RB-VOGUI

DESIGNED FOR INDOOR & OUTDOOR
LOGISTICS APPLICATIONS DUE TO ITS
VERSATILITY & HIGH MOBILITY

- # AGRICULTURE
- INDUSTRIAL TASKS
- ORDER PREPARATION FOR DELIVERY
- A RESEARCH & DEVELOPMENT



RB-VOGUI

ROBUST AND COLLABORATIVE

RB-VOGUI is a general purpose mobile robotic platform designed primarily for outdoor transport tasks. This AMR is suitable for automating tasks of different nature in sectors such as R&D, agriculture or logistics, performing final applications based, for example, on last mile delivery.

COMPONENTS INCLUDED

- CPU Intel i7
- Safety Pack
 - » 2D safety scanner "Outdoor Scan" x2
 - » Safety PLC
- RGBD Camera
- 4G Router
- IMU
- GPS
- Battery 48VDC@30Ah
- Charging station

OPTIONAL COMPONENTS

- 5G Router
- AI + Vision Package
- 3D Localization and Navigation Package
- Load Basket
- Telescopic column

MECHANICAL

1.044 x 776 x 742 mm Dimensions

> Weight 165 Kg

Up to 150 Kg Payload

Speed 2,5 m/s

Environment Indoor / Outdoor

Enclousure class IP53 weatherproof

> Autonomy Up to 6 h

4 x 500 W with brake Traction motors

> **Omnidirectional / Dual** Kinematics

Ackerman

SLAM Localization system

Temperature range -10°C to + 45°C

> Max. slope 47 %

CONTROL

Controller **ROS Architecture**

Communication WiFi 802.11 b/g/n/ac

Bluetooth 4.0

Connectivity USB x3

Ethernet x2 HDMI x1

DC Power Output

BLUEPRINTS

