

 **Robotnik**

ADVANCED  
ROBOTIC  
SOLUTIONS  
FOR THE  
WORLD

MOBILE  
SERVICE  
ROBOTICS

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Leaders in robotics and mobile manipulation. We design and manufacture autonomous and collaborative industrial **mobile robots** and **manipulators**.

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## OUR COMPANY

**Robotnik** has been established as a European reference company in mobile service robotics.

Since 2002, our company is specialized in the development of **industrial mobile robots & manipulators** and **engineering projects** in the field of service robotics.

Our team works on the design of versatile and modular robotics solutions to offer safety, functionality and quality to industry.

We seek to understand the needs of our customers, support them achieving their goals and supply the most advanced technology.

## OUR SOFTWARE

Our software is based on a **ROS Modular Software Architecture**. It includes a set of packages for:

**Localization:** 2D/3D SLAM, RTK-DGPS, Magnetic Landmark based solutions.

**Navigation:** Autonomous, Dynamic and Collision free Navigation.

**Perception:** PointCloud and Vision based algorithms.

**HMI:** A web based application to monitor, control and configure your application.

**Simulation:** All of our projects, robots and sensors work in simulation.

**FMS:** Autonomous Orchestration of multiple robots in any environment.

**Integration:** Compatibility with standard protocols like MQTT, OPCUA, REST.

### CLIENTS

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### PARTNERS

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# COLLABORATIVE MOBILE ROBOTS

## RB-I BASE

Payload: 50 kg  
Environment: Indoor



## RB-THERON

Payload: 200 kg  
Environment: Indoor



## SUMMIT-XL STEEL

Payload: 250 kg  
Environment: Indoor



## RB-ROBOUT

Payload: 1.000 kg  
Environment: Indoor



## SUMMIT-XL

Payload: Up to 65 kg  
Environment: Indoor & outdoor



## RB-VOGUI

Payload: Up to 150 kg  
Environment: Indoor & outdoor



## RB-VOGUI XL

Payload: Up to 250 kg  
Environment: Indoor & outdoor



## RB-WATCHER

Payload: 65 kg  
Environment: Indoor & outdoor



# COLLABORATIVE MOBILE MANIPULATORS

Our portfolio includes a wide variety of products for the development of industrial applications and R&D in Service Robotics.

## RB-KAIROS+

Payload: Up to 250 kg  
Environment: Indoor



## RB-VOGUI+

Payload: Up to 120 Kg  
Environment: Indoor & outdoor



## XL-GEN

Payload: Up to 15 Kg  
Environment: Indoor & outdoor



## RB-THERON+

Payload: Up to 105 Kg  
Environment: Indoor



## RB-ROBOUT+

Payload: Up to 520 Kg  
Environment: Indoor



# SERVICE ROBOTICS FOR THE WORLD



[www.robotnik.eu](http://www.robotnik.eu)

