*Robotnik
ADVANCED
ROBOTIC
SOLUTIONS
FOR THE
WORLE
SERVICE
ROBOTICS

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



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 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





















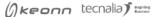
















COLLABORATIVE MOBILE ROBOTS

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









