

MP-400

Welcome to the Neobotix Documentation for MP-400



The mobile robot MP-400 was designed for daily use in industrial applications. Its construction is based on the best elements of our well proven robots but also includes many innovative ideas.

The MP-400's primary task is the [flexible material transport](#) in intralogistics. This small, agile robot can cover connections that cannot be realised with stationary conveyors or traditional AGVs.

If required, the MP-400 can also easily be used in more demanding applications. Other possible tasks include mobile manipulation with an integrated robot arm or the whole field of service robotics research.

Specification

Payload:	Default 100 kg, high payload 150 kg
Dimensions:	590 x 559 x 411 (LxWxH, in mm)
Speed:	<1.5 m/s
Uptime:	up to 10h or up to 8km
Sensors:	1 x 2D laser scanner 6 x ultrasonic sensors (optional)
Control via:	External PC (WLAN) On-board computer

Range Of Applications

The mobile robot may be used in a large variety of applications:

- Autonomous transportation tasks in industrial environments
- Automatic measurement of physical data in large areas (e.g. gas concentrations, temperatures, noise, etc.)
- Autonomous operations within large areas (e.g. surveillance, part handling, etc.)
- Telepresence while controlled via wireless LAN

Contact Information

For more information please visit our website at www.neobotix-robots.com. If you have any questions, just get in touch with us:

- General information: <http://www.neobotix-robots.com/company-contact.html>
- ROS related questions: ros@neobotix.de