

MPO-700

Welcome to the Neobotix Documentation for MPO-700



The omnidirectional **MPO-700** is the ideal base for high-end service robots. Its four Omni-Drive-Modules enable it to move extremely smoothly into any direction. This robot is even capable of rotating freely while driving to its destination. The Omni-Drive-Modules of the MPO-700 feature important benefits compared to other omnidirectional drive kinematics, like for example the MPO-500's Mecanum wheels.

- Fully omnidirectional manoeuvrability
- Very steady movements
- High stability and payload
- Compact, easily integrated drive units

This makes the MPO-700 a premium alternative for applications that require omnidirectional movements without the limitations of traditional kinematics.

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