

MPO ▶ 500

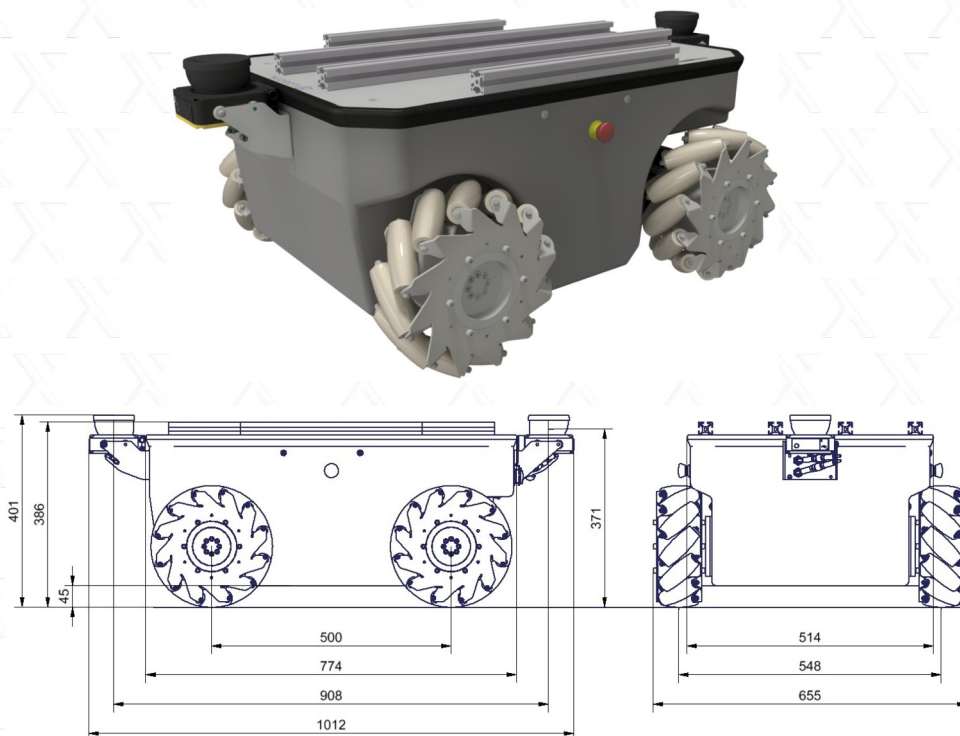
DATA SHEET

The **MPO-500** provides omnidirectional manoeuvrability at minimized size, making it the ideal robot base for state-of-the-art service robotics research.

Its Mecanum Wheels enable the **MPO-500** to instantly move into any direction and even to change its orientation while continuously moving to the destination. This makes it very easy to position robot

arms or other systems in the workspace. The robot's sophisticated design offers many convenient ways to mount and connect application specific components. Full customization of the platform is also possible.

Its innovative Battery quick change system allows a replacement of the batteries within minutes without the use of any tools.



▶ PAYLOAD

80 kg

Option: high payload of 250 kg

▶ SPEED

max. 0.8 m/s

▶ WEIGHT

105 kg

▶ UPTIME / CHARGE TIME

approx. 5 h / 5 h

▶ SENSORS

1 x Laser scanner Sick nanoScan 3

Option: 2nd Sick nanoScan 3

▶ COMPUTER

Intel i5, 8 GB RAM, > 200 GB SSD, WLAN

Option: Intel i7, 16 GB RAM, > 400 GB SSD