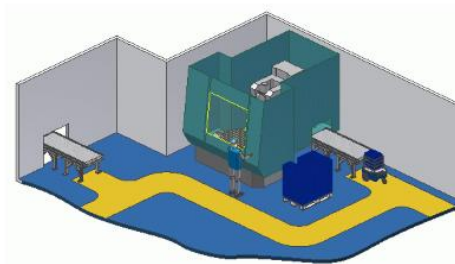


Automated guided Vehicle Neobotix MPO-500

Technical data

- Load capacity 30 kg (platform)
10 kg (arm)
- Dimensions 986 x 692 x 409 (LxWxH)
- Speed < 0.8 m/s
- Rechargeable battery time up to 5 hours
- Safety technology 2 x safety laser scanners from Sick
- Omnidirectional movements through Mecanum wheels
- Navigation with the aid of natural landmarks



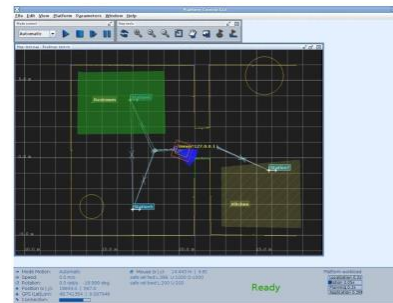
Orientation without landmarks
Source: www.neobotix-roboter.de

Manipulator

- UR10 lightweight robot can be integrated
- Adaptive 2-finger gripper from robotIQ

Fields of use / application

- Autonomous logistics
- Machine mounting and placement
- Man-machine collaboration
- Service robotics
- Security Technology



GUI of the MPO-500
Source: www.neobotix-roboter.de



Use for autonomous intra-logistics
at the Fraunhofer AGP