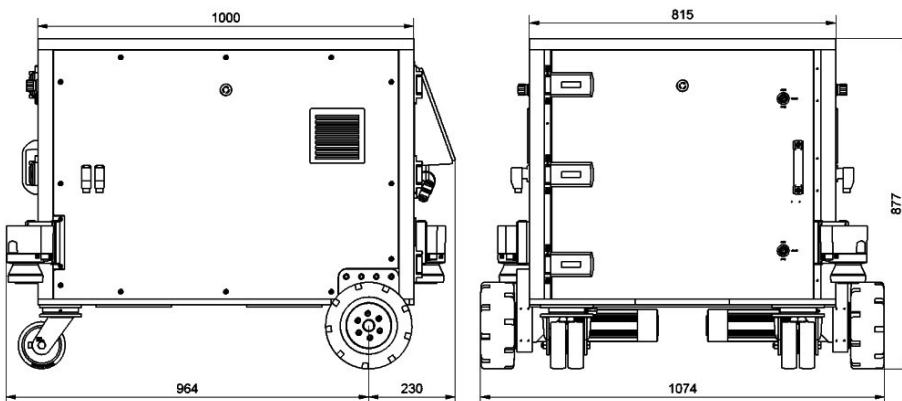


MP - 800

THE MOBILE PLATFORM MP-800 was originally developed to carry an industrial robot arm such as the KUKA KR 16 KS. It can also carry any other extension or transport cargo.

THE MP-800 IS ESPECIALLY SUITED for industrial applications that require big systems with a high demand for energy to be integrated into the robot.

AN UPTIME OF MORE THAN 12 HOURS is possible with the integrated high-capacity battery. After each shift the battery can easily be replaced within a few minutes thanks to the MP-800's quick-change system. If an optional DC/AC-converter is integrated into the platform, 230 VAC or 400 VAC power supply can be used on-board even in fully autonomous operation without trailing cable.



INCLUDED IN DELIVERY

- Mobile platform
- 2 x Sick S300 safety laser scanner
- Battery pack
- Wireless joystick
- Manual charger
- On-board computer
- Software package PlatformCtrl / ROS
- Documentation
- CE Declaration of Conformity

OPTIONS

- NAV350 localisation system
- Lead acid battery 48 V / 240 Ah
- IOBoard
- Robot arm
- Audio system
- Ultrasonic sensors

TECHNICAL DATA

Payload	500 kg
Weight	approx. 750 kg
Ground clearance	164 mm
Speed	< 0.5 m/s
Battery pack	AGM sealed lead acid 48 V / 200 Ah (optional: sealed lead acid 48 V / 240 Ah)
Uptime	approx. 12 h / 8 h
Sensors	2 x Laser scanner Sick S300 optional: ultrasonic sensors
Computer	Intel Atom, 2 GB RAM, > 100 GB HDD, WLAN