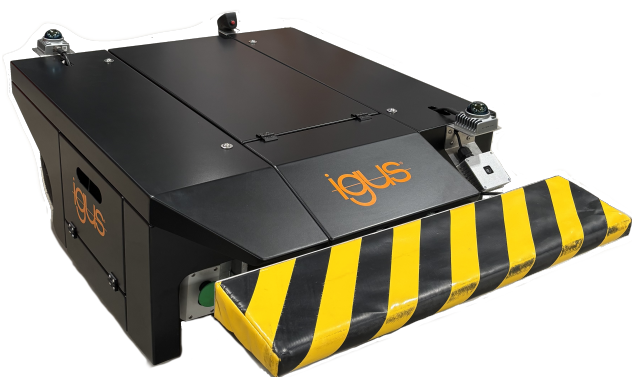


Mobile robots

ReBeLMove Outdoor

Autonomous mobile robot (AMR) with a wide range of benefits. The ReBeLMove Outdoor/Indoor logistics system is ideal for transporting pallets and trailers in various applications and can be adapted to new tasks. Compared to similar AMRs, the ReBeLMove Outdoor offers a cost advantage of around 40%.

The ReBeLMove Outdoor can be set up quickly and easily with the user-friendly app. The parameters of your process are monitored and the necessary transport requests started.

- Simple implementation thanks to intuitive app design
- Integrated fleet management & dashboard
- 8 hours operating time
- 500kg load capacity, up to 1000kg tow weight possible

Applications

The ReBeLMove Outdoor automates the following production processes, for example: supplying machines, supplying manual workstations, transporting empty containers, transporting trolleys, carrying out quality processes and providing tools to operatives.

Integrated fleet management

Would you like to transport pallets in addition to SLCs, for example, or do you already have other AMRs in use? The ReBeLMove Outdoor can be easily controlled by other fleet managers.

Intuitive app

The Coordinator is the central app for setup, customisation and operation. The intuitive user interface works on all operating systems: Android, iOS, Web, Windows and Linux.



Mobile robots

ReBeLMove Outdoor

Product range

Part No.	Length* [mm]	Width* [mm]	Height* [mm]	Approx. load capacity [kg]	Approx. tow load** [kg]
REBEL-MOVE-OUTDOOR-01	1200	850	500	500	1000

Part No.	Weight [kg]	Nominal voltage [V]	Nominal capacity [Ah]	Operating time [h]	CE [Level]
REBEL-MOVE-OUTDOOR-01	160	48	64	8	CE/Performance Level D

*Dimensions of the mobile robot platform

**The tow load is influenced by the coefficient of friction of the floor and the rollers. For a precise design, please consult igus®.

Product contents

- ReBeLMove Outdoor: mobile robot platform
- Charger: reliable charger for constant machine readiness
- Tablet with rugged cover: robust tablet for demanding environments
- Joystick controller: simple and intuitive manual control system
- One-year update and support service



Sensor technology

By using the following sensors and components, the ReBeLMove Outdoor fulfils the CE requirements and achieves Performance Level D:

- Two 3D laser scanners front and back
- Safety sensor on the front
- Two cameras front and back
- Two-channel emergency stop

