

Mobile Cobot



Elevate Efficiency with Mobile Cobots

Redefine your production landscape to minimize operator intervention with leading-edge mobile cobots.

Mobile cobots not only streamline material handling and production tasks but also empower your workforce to focus on high-value activities, bringing immediate advancements to your operations

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A best-in-class solution with proven technology from market leaders



Mobile Cobot comprises the AMR platform from MiR and the collaborative robot arms from Universal Robots. These components are seamlessly connected through a flexible and modular platform provided by MiR and UR's partner, Enabled Robotics.

This platform is highly adaptable, allowing for the configuration of diverse workflows. The size of the cobot arm can be adjusted to accommodate the required payload, and various grippers can be mounted to facilitate the transportation of different elements.

The AMRs from MiR and the cobots from UR are known for their ease of use. The Mobile Cobot features an intuitive all-in-one interface, enabling efficient programming of both the AMR and the cobot arm. This streamlined interface enhances overall operational efficiency.

Your Key Benefits

- **Boost productivity and reduce production costs with a versatile cobot:** Drive autonomously, eliminating bottlenecks, and operate up to 20 hours daily without constant supervision.
- **Enhance employee efficiency:** Optimize processes, empowering your team for higher-value tasks requiring expertise and creativity.
- **Accelerate automation across workflows:** Mobile Cobot is designed to adapt to diverse production scenarios. Automate material handling, machine tending, inspection, and diverse production workflows across your value chain.
- **Better use of space:** The compact design of Mobile Cobot fits seamlessly into existing spaces. Avoid costly factory layout changes, as the autonomous technology of mobile cobots makes them adaptable to various environments.
- **Enhance workplace safety:** Engineered with safety in mind, the Mobile Cobot's design prevents tipping, even with heavy payloads. It integrates safety features from UR's cobots and MiR's AMRs, ensuring complete safety in dynamic environments.

Specifications

- Weight (w/o payload): 147-165 kg
- Cobot options: UR5e / UR10e / UR16e
- AMR options: MiR250 / MiR250 ESD
- Base payload: 186 kg
- Operating time: 4.5 hours (100%-10%)
- Charging time: 40 min. (20%-80%)
- Daily utilization: Up to 20 hours

Want to learn more? Contact your MiR partner today!



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