



**AUTOMATION  
& FACTORY  
SOLUTIONS**

**MiR**



## MiR Autonomous Mobile Robots (AMRS) - Smart, Flexible, and Efficient Material Transport

MiR AMRs revolutionize intralogistics by automating material transport, reducing manual handling, and optimizing workflows across industries:

- **Manufacturing:** Enable just-in-time delivery to production lines to reduce delays and boost efficiency.
- **Warehousing & Distribution:** Automate fulfillment, picking, and transport to improve accuracy and cut labor costs.
- **Healthcare:** Safely deliver medical supplies and samples with minimal human involvement for timely service.
- **Intralogistics:** Integrate with ERP/WMS for real-time tracking, fleet coordination, and smart navigation.



### Product Demos

Live demonstrations of our robotic offerings can be conducted onsite or at a local GCG Automation & Factory Solutions facility.



### Site Visit / Application Review

Our experts offer site visits to discuss your applications and identify opportunities for automation, optimizing efficiencies, productivity, safety, and return on investment.



### Proof of Concept

We create a proof of concept to instill confidence in the application.



### Robot Sizing and Simulations

Our Application Engineers and Robotic Specialists provide presale engineering expertise, helping define project parameters and conducting reach analysis and payload studies through robot simulations.



### Deployment Support and Training

Our goal is to pass along our knowledge to empower customers with all the capabilities needed to deploy, program, troubleshoot, and support their robotic solutions, including robot training.



### Maintenance and Service

GCG's dedicated maintenance and service team ensures hassle-free operation and optimized performance of robotic systems, providing peace of mind to businesses.

## Enhance productivity, reduce costs, and improve workplace safety with MiR AMRs from GCG Automation & Factory Solutions.

### **MiR250**

- Compact and agile for tight spaces and dynamic environments.
- Payload capacity: 250 kg (551 lbs).
- Top speed: 2.0 m/s (4.47 mph) for fast material transport.
- Ideal for manufacturing, warehousing, and lean production setups.

### **MiR600**

- Heavy-duty AMR with industrial-grade safety and strength.
- Payload capacity: 600 kg (1,322 lbs).
- Enhanced robustness for handling larger materials and heavy-duty applications.
- IP52-rated for dust and water resistance in industrial environments.

### **MiR1350**

- High-capacity AMR for heavy materials and pallet transport.
- Payload capacity: 1,350 kg (2,976 lbs).
- Ideal for replacing forklifts and improving internal logistics safety.
- Strong construction for rugged manufacturing and warehouse applications.

### **MiR Pallet Jack (MiR Pallet Lift & MiR Hook)**

- MiR Pallet Lift: Transports EUR and U.S. pallets efficiently.
- MiR Hook: Autonomous towing system for carts and trolleys.
- Automates material handling without the need for fixed conveyor systems.
- Reduces reliance on forklifts, improving workplace safety.

### **MiR Mobile Cobot**

- Combines MiR AMRs with a collaborative robot (cobot) for autonomous material handling and machine tending.
- Ideal for pick-and-place, assembly, and packaging applications.
- Expands automation capabilities beyond transport, enabling mobile robotic workstations.
- Enhances workforce efficiency by automating repetitive tasks across dynamic environments.

### **MiR Fleet & Software**

- Centralized fleet management optimizes AMR coordination.
- Seamless integration with ERP, WMS, and MES systems.
- AI-powered navigation adapts to dynamic environments for real-time efficiency.

