



Automated Guided Vehicle (AGV)

MWES has a history of successfully integrating advanced automation technologies into a variety of industries and processes, at a scale where the need to robotically move and position workpieces becomes a necessity for efficiency. MWES has integrated AGV and AMR solutions into production lines, automated assembly systems and material handling applications.

AGVs are completely computer-controlled load carriers that are used to transport materials along the floor of a facility without the need for an operator. AGVs provide the safe movement of loads and materials as they move on a path at a precisely controlled speed.

KMP 600-S diffDrive



MWES is a leading integrator of KUKA's AGVs and has even integrated dozens of them into a single production system. The KUKA AGV platform offers speedy performance with laser scanners and 3D object detection to meet the highest safety requirements.

COMMON APPLICATIONS

- Logistics & warehousing
- Assembly lines
- Healthcare facilities
- Laboratory environments
- Food & beverage production
- Interaction with AS/RS buffer systems
- Pallet handling
- Transporting heavy parts



MIDWEST ENGINEERED SYSTEMS INC.

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WHY PARTNER WITH

Midwest Engineered Systems

Since 1991, MWES has provided automated manufacturing solutions that our customers and partners trust and depend on. We bring our world-class capabilities to any project with solutions that will bring about improved throughput and a return-on-investment.

No matter the industry, our dedicated staff of engineers are adept at understanding specialized and diverse processes from a variety of production environments, to deliver systems that are designed to solve the unique problems each customer is looking to solve.

YOUR AUTOMATION Solutions

- Full Factory Automation
- Assembly Line Automation
- Robotic Welding
- AGV & AMR Integration
- AS/RS Buffer Systems
- Web Handling & Converting
- Case Packing Automation
- Robotic Palletizing & Depalletizing
- Food Handling & Forming
- Vial Filling Automation
- Robotic Press Brake
- Standard Machine Tending
- Robotic Bin Picking
- Robot Laser Cutting
- Custom Machines
- New Product Introduction
- Additive Manufacturing
- Proof of Principle Testing

INTELLIGENT

EXPERIENCED

DEDICATED

WE ARE INNOVATION THROUGH AUTOMATION

RESPONSIVE

EFFICIENT

SUPPORTIVE

TRUST US WITH YOUR DATA

MWES is ITAR Compliant

We pride ourselves on our secure facilities, systems and processes that ensure our customer's and partner's trade secrets is our top priority.

WE HAVE YOUR BACK WITH 24/7

Customer Service & Support

We offer prompt **24/7** service and support for all of our products and provide support for systems developed by other automation integrators.

- Technical support
- Preventative maintenance
- Replacement parts
- On-site system integration
- Operator, programmer & maintenance training
- Field service for most robot brands
- Productivity improvements
- System retrofits & upgrades
- HMIs – standard & custom
- System modernization
- Offline programming
- Entire automation system audits

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