



## Assembly Line Automation

With the physical demands required of assembly line work and the lack of highly skilled labor to perform challenging work such as welding, many manufacturers are turning to robotic automation in order to grow their business. Typically, full production lines contain many different operations to get a product built, from assembly systems, fabrication operations and bonding and welding to name a few.

It takes a highly experienced integrator to have not only the knowledge to design and develop a multi-stage, multi-process production system but the capacity to construct and install the system. MWES has both of these qualities, as well as a number of completed production system projects.

MWES has integrated automation custom assembly line solutions into existing production lines for businesses large and small. These automation solutions have provided our customers with increased production throughput, improved reliability and a great return on investment.

## FEATURES & OPTIONS

- Part assembly Automation
- Part inspection & verification
- Material transfers
- Product testing
- Laser marking & etching
- Fully integrated systems
- Data acquisition & monitoring
- Manual assembly line modernization
- AGV & AMR integration
- Traceability automation
- Conveyance solutions



### 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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