



## Robotic Palletizing & Depalletizing

MWES specializes in integrating custom case palletizing and depalletizing systems for a wide range of industries. We utilize highly efficient, multi-zoned vacuum grippers and advanced servo-mechanical grippers to handle various products and capacities. We can configure the automation specifically for your unique plant layout and production needs.

Our robotic palletizing systems do not require large amounts of space or long periods to get up to production speeds. Our systems are compactly designed to be installed in pre-existing production environments. In some instances, the robotic systems take up less space than the manual processes they're replacing.

Our automation solutions can improve your organizational efficiency and profitability. Robots offer more flexible options and can keep throughput for much longer periods with minimal scheduled maintenance.

Additionally, the MWES standard palletizer cell offers everything that's needed to get you up and running, including automated infeed, outfeed and pallet picking all controlled by an easy-to-use touchscreen controller.

## FEATURES & OPTIONS

- AS/RS Buffer Systems
- AGV & AMR integration
- Case packing systems
- Conveyance solutions
- Loading & unloading
- Automated pallet dispensing
- Pallet inspection
- Pallet handling
- Stretch wrapping
- Print label & apply
- Picking & Placing
- Standard Palletizer Cell



### MIDWEST ENGINEERED SYSTEMS INC.

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🌐 mwes.com



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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