



Robotic Picking & Packaging

Speed and consistency are key to successful consumer packaged goods production. Both of these metrics have everything to do with how difficult it is to find and retain a quality workforce that can keep up with the increasing production speeds that automated food processing machines can achieve.

Automated picking and packaging systems are becoming more popular in most industries, such as food and beverage, pharmaceuticals and logistics. These systems perform tasks such as picking items from shelves, sorting them into boxes, labeling them, and sealing them for delivery. They can also handle a wide range of products and orders, from small to large, simple to complex and standard to customized. These systems offer many benefits for businesses and customers alike.

As a robotic systems integrator, MWES has extensive knowledge of engineering and integrating automated packaging systems that suit our customer's needs. Case filling or de-casing machines can raise productivity and efficiency levels while ensuring the packaged products are handled and shipped consistently with minimal possibilities for error due to automation of the process.

COMMON APPLICATIONS

- Improvements in both operational efficiency and greater labor savings
- Optimize the use of a facility's space and simplify its layout
- With regular maintenance robotics can last for many years providing high reliability
- Systems can be reconfigured to package a wide assortment of products
- Can integrate new tools and processes



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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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