



AS/RS Buffer System

The MWES Automatic Storage and Retrieval System (AS/RS) allows for the collation and management of asynchronous production processes. Inventory rooms can produce product-specific kitting on a schedule that's more conducive to their efficiency and load them into the AS/RS buffer system when done.

These kits can be retrieved with the rest of the components needed for a specific production run. Allowing the AS/RS to manage these kits' locations and when they're called, can reduce routing confusion on the floor when building products that have high part commonalities.

Our production-focused storage systems are designed from the start to fit into legacy production facilities and processes. With its scale and operation, the AS/RS buffer system can change how you think about not just warehousing, but production processes – and increase your throughput along the way.

The AS/RS buffer system can save valuable manufacturing time and reduce production errors.

COMMON APPLICATIONS

- Store tooling and jigs more efficiently
- Compact footprint for order kitting operations
- Intelligently assigns and catalogs materials inside the system
- Integrates with existing WMS
- Compatible with layer picking robots, AGVs/AMRs, conveyance, pallet quality detection, automatic pallet wrapping & labeling, etc.



MIDWEST ENGINEERED SYSTEMS INC.

📍 W238N1800 Rockwood Drive Waukesha, WI 53188

☎ 1.414.327.0000

✉ info@mwes.com

🌐 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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