



BUILT TO DELIVER MORE.

MONOFLO
INTERNATIONAL

FOR AUTOMATION

GET TO KNOW MONOFLO

Packaging that outperforms. Partnership that over-delivers. Monoflo delivers injection-molded packaging solutions that help businesses thrive.

At Monoflo International, we design, engineer and manufacture reusable injection-molded packaging like totes, containers, trays and pallets for some of the most recognized brands in the world. But what makes us an industry-leading supplier of reusable packaging isn't manufacturing excellence alone; it's our commitment to building trusted partnerships that position customers for success. With an excellence-obsessed mindset, a relentless focus on innovation and a people-centered approach to doing business, we deliver packaging solutions that empower customers to streamline supply chains, embrace sustainability and achieve their goals with confidence.

We're redefining excellence in reusable packaging with cutting-edge manufacturing processes and innovative injection-molded solutions that maximize value in modern supply chains. Serving industries from automotive to eCommerce, we combine advanced engineering and technology with a personal commitment to customer relationships to ensure every solution delivers unmatched quality, reliability and performance.



Optimizing for High-Performance Processes

Monoflo's automation containers, trays, pallets and AutoStore® bins are built for system integration, advanced tracking and reliable performance.



Upgrade your intralogistics with Monoflo's precision-engineered reusable packaging solutions for automated storage and retrieval systems (AS/RS). Built for durability, repeatability and seamless system integration, our injection-molded solutions deliver high performance, advanced tracking capabilities and long-lasting reliability to meet your unique automated storage, retrieval and material handling requirements.

Explore our Automation Products

Precision-Engineered Performance

We designed our automation containers, trays and pallets to meet the exacting specifications and high performance demands of automated intralogistics.

Each product is built for exceptional stability, efficiency and reliability to optimize your material handling, storage and transfer applications.



Visit Automation Products on our web site.

Use the camera on your smartphone to scan the QR code above.

Full Line of Automation Solutions



Available Footprints & Heights	
350x500x49	600x400x150
350x550x48	600x400x180
499x699x48	630x430x79
550x700x49	650x450x12
570x370x12	650x450x79
600x400x79	670x470x80
600x400x120	800x600x80



Available Footprints & Heights	
600x400x120	600x400x400
600x400x150	630x430x150
600x400x180	630x430x250
600x400x220	650x450x220
600x400x270	650x450x325
600x400x320	800x600x400
600x400x325	



Available Footprints & Heights	
600x400x285	
600x400x320	

Automation Trays

Precision-Engineered Design | Built for easy system integration with automated storage and retrieval systems (AS/RS).

Durable Construction | Injection-molded plastic ensures lasting performance and superior deflection strength.

Optimized Handling | Solid or pin-hole base options and lifter plates enhance efficiency in pin-based lift and sweep systems.

Advanced Tracking Options | Versatile labeling options enable ID tags, in-mold labeling, license plates and RFID for accurate operation and tracking in your system.

Stack-Only Containers

Seamless AS/RS Integration | Designed for smooth conveying and dimensional consistency to ensure compatibility with your system.

Enhanced Durability & Efficiency | From reinforced corners and impact-resistant features to ergonomic handles, these units ensure long-lasting, efficient performance.

Advanced Inventory Management Features | Equipped with a range of options, like bar codes, in-mold labeling, and RFID, for real-time tracking.

FM Global 8-34 Compliant Options | Optional, strategically placed vent holes assist in sprinkler fire suppression system.

Knockdown Containers

Space-Saving Design | Engineered with a collapsible structure to maximize storage efficiency and reduce transportation costs from AS/RS to downstream delivery points.

Durable Construction | High-pressure injection-molded plastic and reinforced ribbing ensures it can withstand demanding supply chain environments.

Efficient Handling | Streamline operations with ergonomic grips and foldable panels for easy manual handling and quick setup.

Advanced Tracking Options | Choose from a wide range of options, from bar codes to RFID to in-mold labeling and more.



Available Footprints and Heights
600x400x285

Return Collapsible

Compact, Collapsible Design | Folds easily and efficiently to minimize storage space and reduce transportation costs from AS/RS to downstream delivery points.

Ergonomic Handling Features | User-friendly grips and quick-collapse mechanisms offer safe, efficient manual handling and setup.

Robust Durability | Constructed with high-pressure, injection-molded plastic and reinforced corners to ensure long-lasting performance in demanding environments.

Advanced Tracking Available | Options like bar codes, RFID, and in-mold labeling allow enhanced inventory control.



Available Footprints and Heights
600x400x270
600x400x375

Stack-And-Nest Containers

Space-Efficient Design | Maximize stability when stacked and save space when nested with stack-and-nest configuration.

Generously Sized Ergonomic Handles | Includes user-friendly grips and smooth edges for safe, efficient manual handling and easy nesting or stacking.

Rugged Construction | Made with high-pressure injection-molded plastic to withstand heavy loads and rigorous handling.

Wide Range of Tracking Options | Easily track in automated systems with options like RFID, in-mold labeling, bar codes and more.



Available Footprints and Heights
650x450x320
650x450x325

Foldable Stack-Only Containers

Enhanced Cost & Space Savings | With a 4:1 storage ratio, these units reduce freight costs by up to 75% and help reclaim valuable buffer zone space.

Simple, Seamless Integration | Enhance flexibility and efficiency with the industry's first foldable design that works interchangeably with fixed-wall, stack-only containers.

Improved Divider System Options | Next-generation divider systems are easy to insert or remove, allowing up to eight container subdivisions for more flexibility.

Advanced Inventory Management Features | Easily track in automated systems with a range of options like bar codes, in-mold labeling and RFID for enhanced tracking.



Available Footprints and Heights
650x450x220
650x450x330
650x450x425

AutoStore™ Bins

Seamless Integration | Engineered for precise dimensional accuracy to integrate seamlessly into the modular AutoStore system.

Durable Construction | Built to withstand years of high-performance use, with options including HDPE, polypropylene, and polypropylene-ESD.

Expert Partner | Monoflo is the largest licensed, full-service provider of AutoStore Bins in North America.

Enhanced Efficiency | The Reusable Packaging System (RPS) enables more space-efficient shipping to reduce freight costs.

Why Choose Monoflo Automation Products?

Rising operational costs and rapidly evolving automation technologies demand confidence from your automated storage and retrieval systems (AS/RS). That's why we engineer automation containers, trays, pallets and AutoStore™ bins that provide high durability, consistent quality and compatibility for advanced intralogistics systems and track-and-trace technology. With over 50 years of experience and tens of millions of units in use across North America, we deliver tailored, reusable products that meet exacting specifications to ensure reliable performance and operational efficiency.

- Through partnerships with integrators, we ensure system compatibility with products engineered with a deep knowledge of advanced AS/RS platforms and track-and-trace technologies.
- Achieve consistent results you can trust with proven designs that work within your system's tolerances.
- Adapt to evolving storage and transportation demands with our quick turnaround times for containers, trays and pallets essential for your operations.



More reasons Monoflo's offerings make sense for automation customers...



Engineer-Led Performance | Our automation products are made for durability, repeatability and easy integration, ensuring consistent performance in demanding intralogistics environments.



Proven System Partner | Focused on engineering to exact specifications, we provide injection-molded solutions that optimize automated storage and retrieval systems.



Innovative Problem Solving | From design to delivery, our innovation mindset drives continuous improvement for smarter solutions tailored for rapidly evolving automation needs.



Sustainable Buyback Program | We repurchase our automation containers, trays and pallets at the end of their lifecycle, reprocessing them into new products, and helping you close your supply chain loop.

Customization Is Always An Option

We make custom containers, trays and pallets all the time. If you don't see exactly what you need in our existing product line, we will gladly engineer, design and manufacture precisely what you need for your unique system.

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