

GARVEY®

By Columbus McKinnon

Product Handling Solutions

**Distribution, Laning,
Unscrambling, and More!**



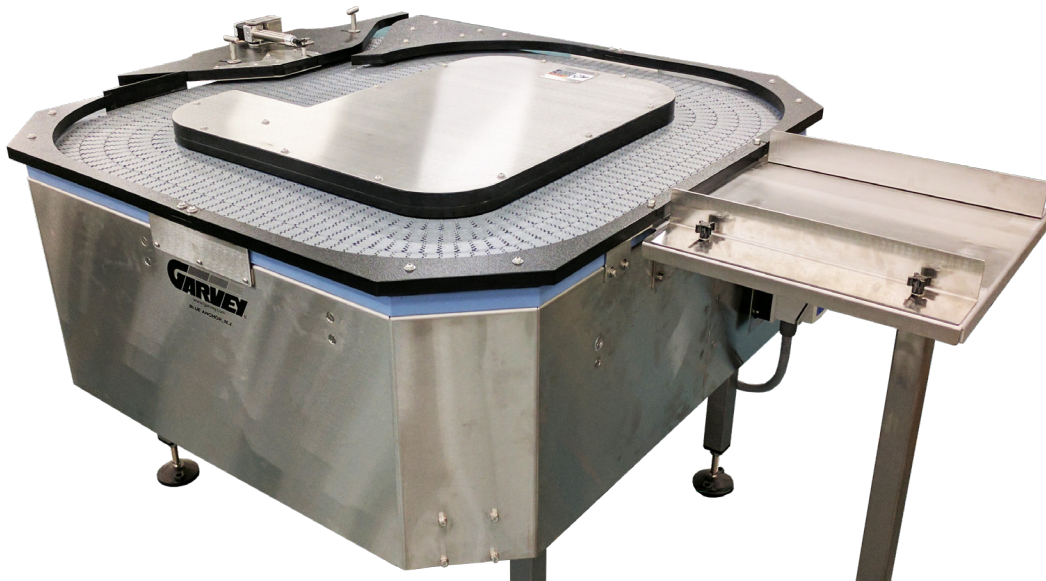
Garvey's Custom Product Handling Solutions

Garvey's Accumulation Solutions utilize patented technology to accumulate and single-file even the most unstable products at speeds unmatched in the industry.

Using our loop technology, we are able to handle products with no back pressure, no breakage, no damage, and minimal noise.

We offer zero-pressure accumulation systems that are simple, efficient, and easy to maintain. They can be installed as multi-laning devices, buffer systems, or unscramblers.

- Minimal Required Maintenance
- High Return on Investment
- Decades of Proven Industry Results
- Lowest Industry Operating Costs
- Boosts Productivity
- Maximizes Uptime
- Maximize uptime
- Eliminates back pressure



Multi-Laning & Single-Filing



Seamless Product Laning

Our laning accumulators and conveyors provide versatile solutions without the need for specialized equipment or robotics. With single in - multi-out and multi in - single out capabilities, each of Garvey's laning systems are designed to moderate the flow of products between stages in production.

Benefits:

- Flexible layout design
- Single in - multi out & Single out - multi in capabilities
- Optimize floor space
- Minimal downtime
- Customizable product flow control
- Seamless integration with existing production line

Distribution Systems



Large Scale Product Flow

Automatically transfer products from mass accumulation flows to work stations with Garvey's metered distribution systems. This on-demand system works like a super highway, allowing products to circulate continuously until they encounter an empty machine. Distribution systems ensure machines are not sitting idle waiting for product while minimizing the effect of a machine being down for maintenance or repairs

Benefits:

- Maximize productivity
- Increased throughput
- No back pressure = no product damage
- Automatic metering
- Reduced electrical consumption
- Smaller footprint than traditional metering systems

Product Handling Systems



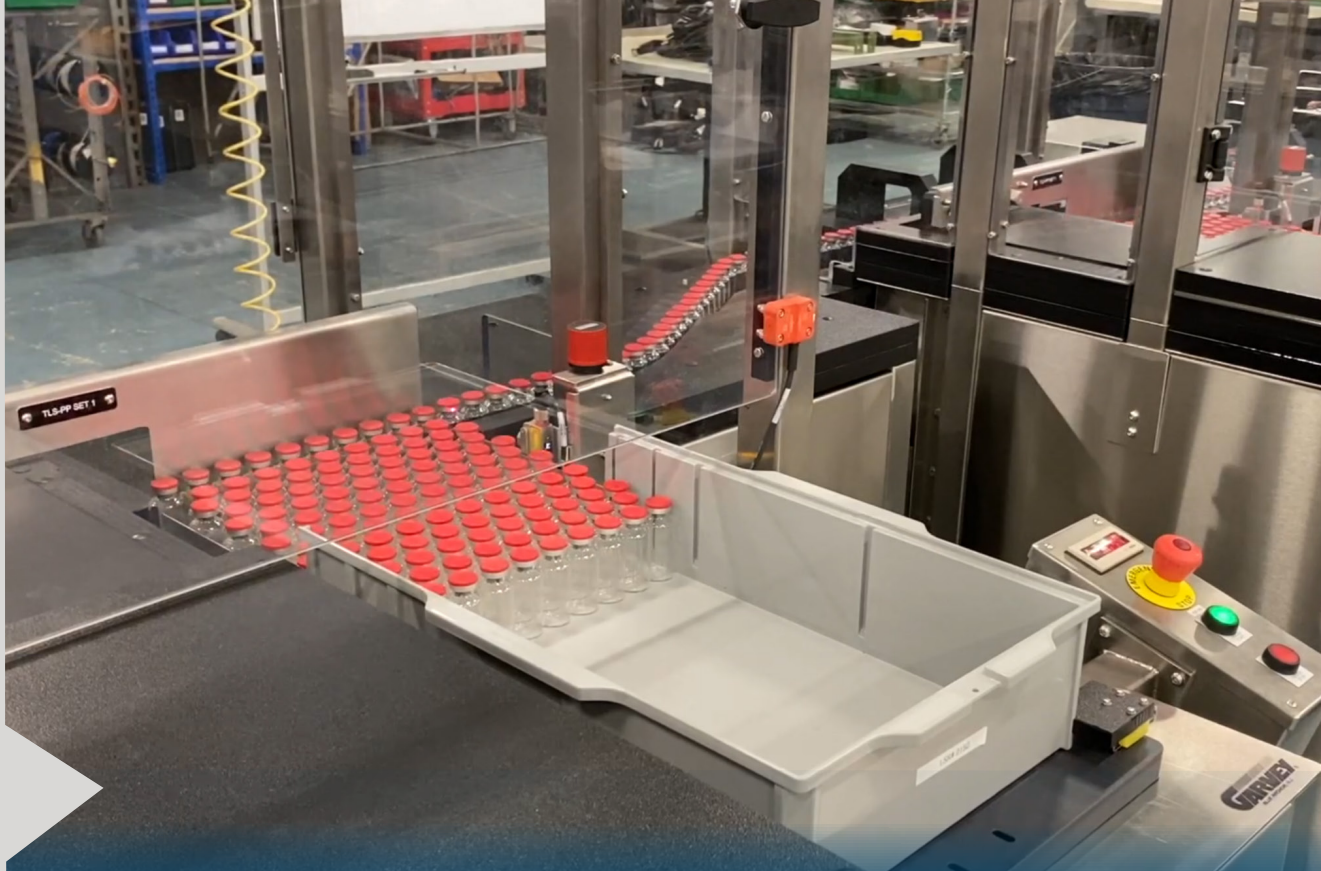
Line Optimization Solutions

Our innovative material handling equipment doesn't just accumulate product, it optimizes your production line and handles materials throughout the production process. Now with partners around the globe offering the widest range of material handling equipment, we can provide a one of a kind solution to improve your line efficiency by up to 30%.

Benefits:

- Reduced friction and less waste
- 10-15% Reduced energy consumption
- Low-maintenance
- Automate product orientation
- Small footprint solutions
- Custom controls for easy system integration

Pharmaceutical Handling



Vial Drying & Tray Loading

Garvey offers a variety of solutions designed specifically for the pharmaceutical and nutraceutical industries, such as our Automatic Vial Dryers and Automatic Tray Loaders. The RX product line focuses on sanitation and quality first, with numerous cleanroom features, no back-pressure product flow, and automated processing capabilities.

Sanitary Features

- Removable chains & open track design
- No hard-to-reach surfaces
- All components washdown rated

Benefits

- Increase throughput by up to 30%
- Maximize production runtime
- Zero back pressure eliminates product & label damage
- Track & trace capability

Accumulation System Comparison

	Bi-Flow	G-Series Infinity™	GRx-Series Infinity™	Mass Flow Accumulation	Standard Rotary Accumulation
FDA Approved Materials	✓	✓	✓	✓	✓
Clean Room Capable			✓		✓
Low Back Pressure		✓	✓		✓
High-Speed Outfeed		✓	✓	✓	
Low/Med Speed Outfeed	✓	✓	✓	✓	✓
Unscrambling & Single Filing	✓	✓	✓		✓
Multi-Lane Capable	✓	✓	✓		✓
Vial Handling			✓		✓
Washdown Capable	✓	✓	✓	✓	✓
Flexible Footprint	✓	✓	✓		
Custom Options	✓	✓	✓		
FiFo Capable		✓	✓		
Product Orientation	✓	✓	✓		
Unstable Product Handling		✓	✓		
Auto-Lubrication System		✓	✓		

Calculate Your Production Line Efficiency

- ✓ Easy-to-Use Line Efficiency Calculator
- ✓ Get Insight Into Your Production Line
- ✓ Improve Line Efficiency by Up to 30%

Scan the QR code to use our line analysis calculator, or schedule a one on one analysis with one of our accumulation specialists.

Visit our site to find the right accumulation solution for your application!

- ✓ Fully Customizable Solutions
- ✓ Aftermarket Support
- ✓ In-House Testing



Scan the code to visit Garvey's website or go to www.garvey.com