



Multi-Conveyor LLC

Your best...conveyed better.



Motorized Driven Roller (MDR)

Custom – Stainless-Steel – Wash Down



Multi-Conveyor has designed a specialized niche custom, washdown, stainless steel Motor Driven Roller (MDR) conveyor solution for highly sanitary, hygienic applications

Why stainless steel MDR for washdown?

- 24 volt DC motors and controllers allow simplified installations, reduced power consumption, and increased operator safety
- Pre-installed zero pressure accumulation logic provides collision-free accumulation - each conveyor functions as a string of separate, smaller conveyors all "rolled" into one (yes, pun)
- Powered rollers can be individually addressed and controlled over Ethernet, allowing precise ramp up/down and speed control
- Timing-belt-driven 90° degree pop-up transfers allow easy on and off transitions in damp and wet environments



Features include:

- Zone lengths, frame widths, roller spacing, and speeds are all configurable to your application – no more ordering from a catalog then trying to make it work!
- Walk-through lift gates are available allowing increased operator access without the extra weight of a standard conveyor
- All drive components are "plug and play" promoting minimal maintenance
- Common components are used throughout a line, resulting in fewer spare parts and lower TCO (total cost of ownership)
- Optional pneumatic stops, pushers, turners and casters
- Low-pressure washdown rated components upon request
- Stainless steel construction

Most Popular Applications:

Cases and Cartons
Food
Beverage
Industrial
Pharmaceutical
Sanitary



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Let's get working on your next project.

Since 1989, Multi-Conveyor has been supplying standard and custom conveyors to nearly every industry. Whether your project is \$3,000 or \$3 Million, Multi-Conveyor has solutions. When you work with Multi-Conveyor, you work with a team of experts. A Project Manager is assigned to each individual customer and each job to ensure a quick response. Multi-Conveyor is committed to minimal lead times to meet our customer's required due dates.

Here's a list of systems and devices that Multi-Conveyor builds on a regular basis:

Accumulation Conveyors
Alpine Accumulation Conveyors
ARB (Activated Roller Belt™) Conveyors
Auto-Indexers
Belt Conveyors: Fabric, Homogenous, Positive Drive
Bi-Directional & Uni-Directional Accumulation Tables
Case Packaging / Case Load Conveyors or Stations
Case Upenders
Chain Driven Conveyors
Custom Designs and Specialty Systems
Electrical Control Panels (UL Listed)
Electrical Control Systems and Programming
Friction Belt Conveyors
Gripper Conveyors: All Configurations
Hand-Pack Stations
High-Speed Servo Driven Divert Gate Assemblies
Hydraulic Devices
Incline Conveyors
Incline Product Elevators
Indexing Conveyors
Indexing Elevators and Lowerators
Integrated Roller Belt (ModSort) Conveyors
Lane Balancers
Lifts & Lift Gates
Mat-Top / Modular Plastic Belt Conveyors
Metal Detection Integration
Mild Steel Painted Construction
Modular Conveyor Systems

MDR - Motor Driven Roller: Stainless, Wash Down
Multi-Flex Chain Conveyors
Package or Roll Upenders
Package Turning Devices
Pallet Forming Conveyors for Robotic Palletizers
Pneumatic Devices: Clamps, Stops, Gates, Retracts, Rails
Pre-Engineered Standard "Quick Ship" Conveyors
Product Orientation: Rotate, Turn, Flip
Product Turners
Retractable Nose Conveyors
Right-Angle Pushers and Sweeps
Rotary Tables: Accumulators / Unscramblers
Sanitary, Hygienic Design and Construction*
Servo and Pneumatic Diverters and Combiners
Side Grip Elevators and Lowerators
Single Filing Conveyors
Slim-Fit™ Small Transfer Conveyor Systems
Spiral Drum Conveyors & Accumulation
Stackers
Stainless Steel Construction
Starwheels
Steel Chain Conveyors
Success Line: Basic, Economical, General Transport
Table-Top Chain Conveyors
Upenders: Helix (Twist) and Powered Arm
Vacuum Conveyors
Vertical Accumulators
Wire Belt & Wire Mesh Conveyors

*Agency compliance determined by individual application.

Take the Multi-Conveyor Challenge

Even if your satisfied with your existing conveyor supplier, give us a shot. Chances are we've already conceived, designed, engineered and built a system just like the one you're looking for right now ... or, made one pretty damn close.

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