

The logo for DORNER, featuring the word "DORNER" in a bold, blue, sans-serif font with a registered trademark symbol (®) to the upper right of the letter "R".

DORNER[®]

By Columbus McKinnon

FlexMove Conveyors

Seamless Vertical,
Horizontal, and Curved
Product Movement

A photograph of a FlexMove conveyor system in a factory setting. The conveyor consists of multiple parallel tracks supported by a metal frame. The tracks are made of a light-colored material with a textured surface. The system is shown curving through the frame, demonstrating its flexibility. The background is slightly blurred, showing industrial equipment and a bright light source.

Benefits of FlexMove Conveyors

The FlexMove Series is the most customizable and versatile conveyor system on the market. With flexible chain belting and a wide variety of modules, a FlexMove conveyor can be configured to meet the specific needs of your product and facility.

We offer extruded aluminum and stainless steel frame options for custom systems. FlexMove conveyors also feature numerous other benefits including:

- T-slots for easy integration and accessory mounting
- Tight turns up to 180°
- Powered transfers for products as small as 100mm
- Variety of belting options including friction top, cleated, & conductive
- Weighted take-up to eliminate snags
- Easy elevation changes & curves

Configure your own on DTools or contact our Engineered Solutions Group for a complete and custom system build



FlexMove Helix



Small Footprint Spiral Conveyors

Unique helical design for a variety of applications where a small footprint is critical. The patented side roller chain reduces friction for faster speeds and efficient product handling.

- Widths: 85 mm, 180 mm, & 260 mm
- Max accumulated weight: 136 kg (300 lbs)
- Speeds up to 52 m/min (171 ft/min)
- Incline angles up to 7° with flat top chain & up to 10° with friction top chain

Ideal Applications:

- Product Accumulation
- Buffering & Cooling
- Medical & Pharmaceutical
- Life Sciences
- Electronics Manufacturing
- Packaged Foods



Accumulation & Buffering Conveyors

These compact spiral-style conveyors use gentle slopes while changing elevation to prevent product bottleneck while maximizing vertical space.

- Widths: 65, 85, 105, & 150 mm
- Max accumulated weight: 136 kg (300 lbs)
- Handles nearly any shaped product
- Single and dual-direction configurations
- Roller and power transfer options

Ideal Applications:

- Buffering & Accumulation
- Product Dry, Cooling, & Curing
- Cycling & Batching
- Packaged Foods
- Baked Goods & Confectionery
- Life Sciences
- Consumer Goods

FlexMove Wedge



Elevation Change Conveyors

Used to take products from the production floor level to a higher level or vice versa. Products are wedged between opposing conveyors and moved swiftly and securely.

- Belt widths: 45 mm, 65 mm, & 85 mm
- Max total weight: 90 kg (200 lbs)
- Speeds up to 52 mpm (171 fpm)
- Available in a variety of configurations
- Adjustable widths to handle a range of product sizes

Ideal Applications:

- Elevating & Lowering Product
- Bottling
- De-Pucking
- Product Rotation & Positioning
- Routing Around Machinery
- Consumer Goods Manufacturing
- Pharmaceutical Processing

FlexMove Twist



Rotating & Positioning Conveyors

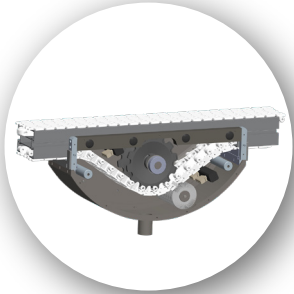
The FlexMove Twist seamlessly rotates product without halting its movement down the production line.

- Widths: 65, 85, 105, & 180 mm
- 90° twist is approx. 3 m (10 ft) long
- Speeds up to 55 m/min (180 ft/min)
- Helical twists up to 90° per conveyor pair

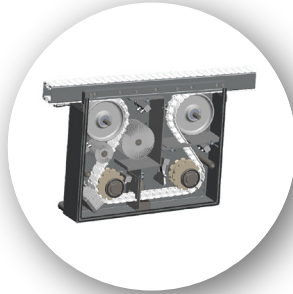
Ideal Applications:

- Product Rotation
- Labeling & Packaging
- Warehousing & Logistics
- Appliance Assembly
- Electronic & Consumer Goods Manufacturing

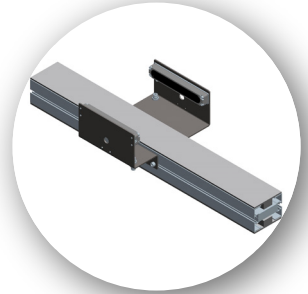
Available Modules



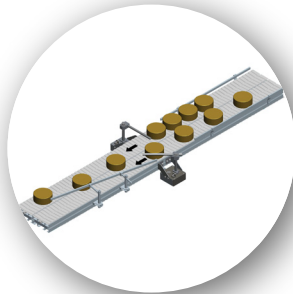
Dry Cleaning



Wet Cleaning



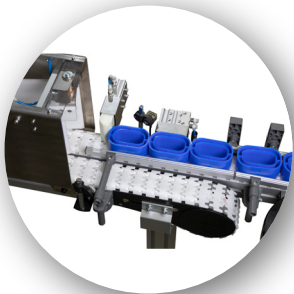
Clamping



Side Acting Merge



Helical Plain Bend



Puck Stop



Puck/Package Divert



Weighted Take-Up

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