



With **FlexMove**® Technology

WEDGE ELEVATORS

COMPACT, RAPID TRANSFER WEDGE ELEVATORS FOR MOVING PRODUCTS THROUGH ELEVATIONS!



- For efficient elevating and/or lowering of packaged product from production levels to overhead run for effective use of floor space or ease of operator access
- Highly flexible design may be configured to the layout requirements
- Ideal for environments requiring small footprints, transition between levels, changing orientations, de-pucking operations and creating passageways on the production floor
- Rapid transfer rates make wedge elevators ideal for continuous high capacity operations such as packaging lines
- Small footprint maximizes floor space
- Uses side pressure and durable urethane grippers to firmly hold products during transport
- Compatible with cardboard boxes, metal cans, plastic containers, etc. Product must be able to withstand some side pressure
- Can be configured with manual adjustable conveyor positioner for quick product size changeover
- Various configurations can change product orientation

Features & Specifications

- Widths: 65 mm and 85 mm
- Minimum lower height: 18" (457 mm)
- Maximum upper height: 240" (6096 mm)
- Loads:
 - Maximum individual product weight: 5 lbs (2.3 kg)
 - Maximum total weight: 100 lbs (45.4 kg)
- Speeds: Up to 171 ft/min (52.2 m/min)
- Slight variation in product size is compensated for by the flexible wedge fingers without having to adjust the conveyor



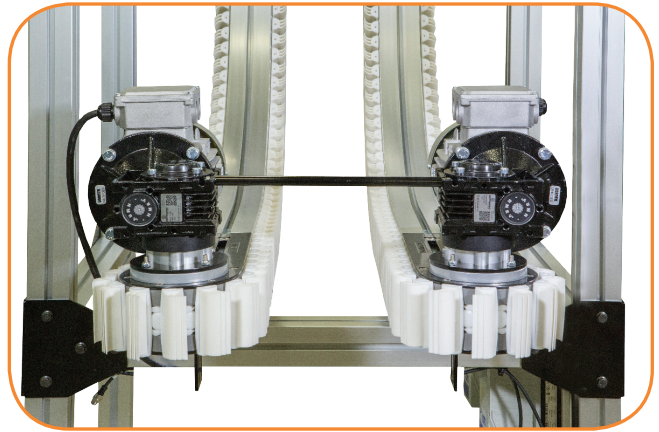
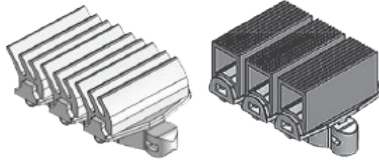
Products are wedged between opposing conveyors

Motors & Controllers

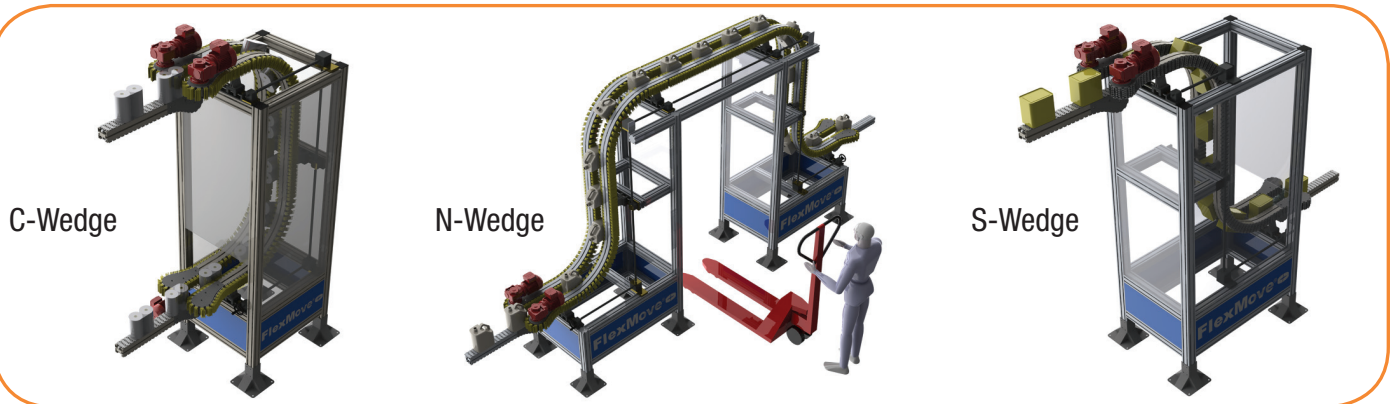
- Consists of (2) independent conveyors
- Each conveyor with variable speed VFD rated gearmotor

Chain Specifications

- Material base chain: Acetal
- Insert: Urethane
- Multiple wedge options available



Typical Layouts



At Dorner our mission is to **Transform Conveyor Automation** by providing cutting edge solutions with best-in-class support. It's that commitment and history of proven excellence that has made the Dorner Brand a recognized leader in precision conveyors for over 50 years. With our complete line of customizable stainless steel and aluminum conveyor automation systems, we have the right solution for you!



1X Series

The 1X Series Line is designed for small part handling and transfers where space is a premium.



2X Series

The 2X Series Line is engineered for small to medium sized parts, precision applications and flexible layouts.



3X Series

The 3X Series Line is designed for medium to heavy sized parts, precision applications, bulk handling and flexible layouts.



7X Series

The 7X Series Stainless Steel Line is engineered for small to heavy product requiring various levels of sanitary design and flexible layouts.



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