



With **FlexMove**® Technology

HELIX CONVEYORS

COMPACT SPIRAL & HELICAL CURVE, FLEXIBLE CHAIN CONVEYORS FOR COMPLETE FLEXIBILITY!



- Unique, flexible design provides greater flexibility in layout
 - Infeed and outfeed may be positioned at any height or angle
 - Custom infeed and outfeed lengths allow the conveyor to extend beyond spiral, reducing the number of conveyors required
- Small foot print maximizes valuable floor space
- Patented side roller chain reduces corner friction allowing for faster speeds and smooth product handling
- Applications include accumulation, buffering, cooling product between processes or machines, and more!

Features & Specifications

- Widths: 85 mm, 180 mm, and 260 mm
- Minimum infeed height: 18" (450 mm)
- Maximum outfeed height: 132" (3350 mm)
- Incline angles:
 - Up to 7° with flat top chain
 - Up to 10° with friction top chain
- Loads: up to 300 lbs
- Speeds: Up to 171 ft/min
- Maximum number of tiers: 4
- Maximum distance between tiers = 30" (762 mm)
- Diameter of spiral = 55.12" (1400 mm) at centerline

Chain Specifications

- Material: Acetal
- Patented design with low friction sealed ball bearings to reduce friction
- Types:
 - Flat top chain for product movement or accumulation up to 7°
 - TPE friction top chain for product incline up to 10°



Flat Top Chain & TPE Friction Top Chain



Patented Chain Design

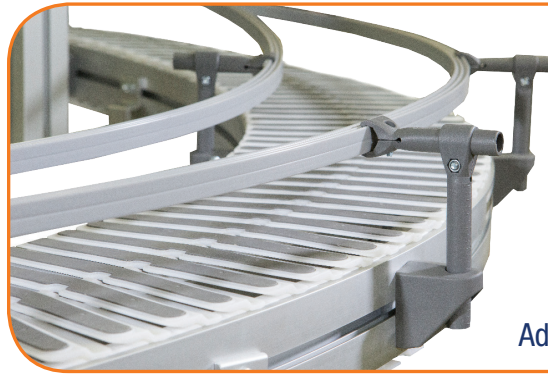
Options & Accessories

End Transfer Options:

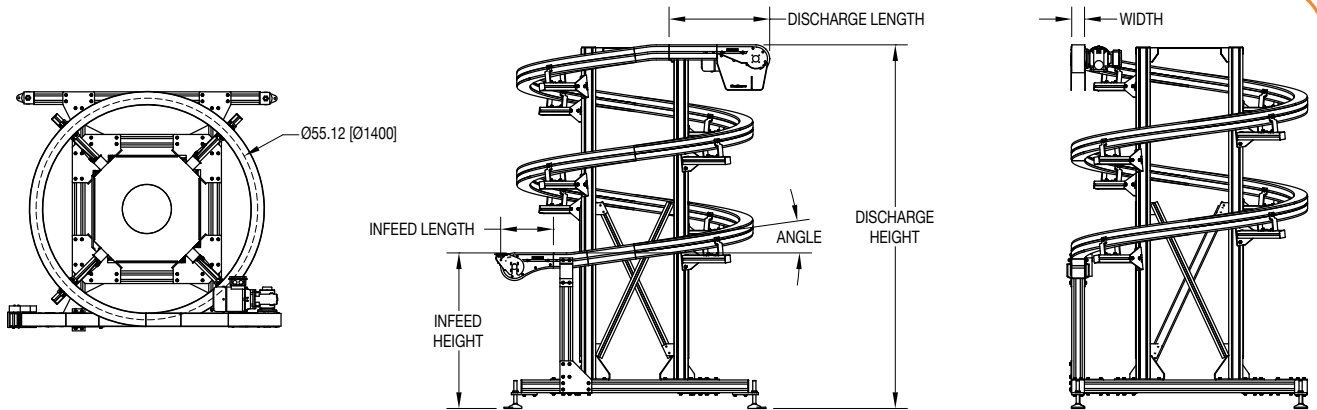
- Roller Transfer Plate
- Powered Transfer for smooth transfer of parts as small as 3" in diameter

Guiding Options:

- 1" Aluminum High Side
- 3" Aluminum High Side
- Fully Adjustable UHMW Guide
- Tool-less Fully Adjustable UHMW Guide



Adjustable Guiding



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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