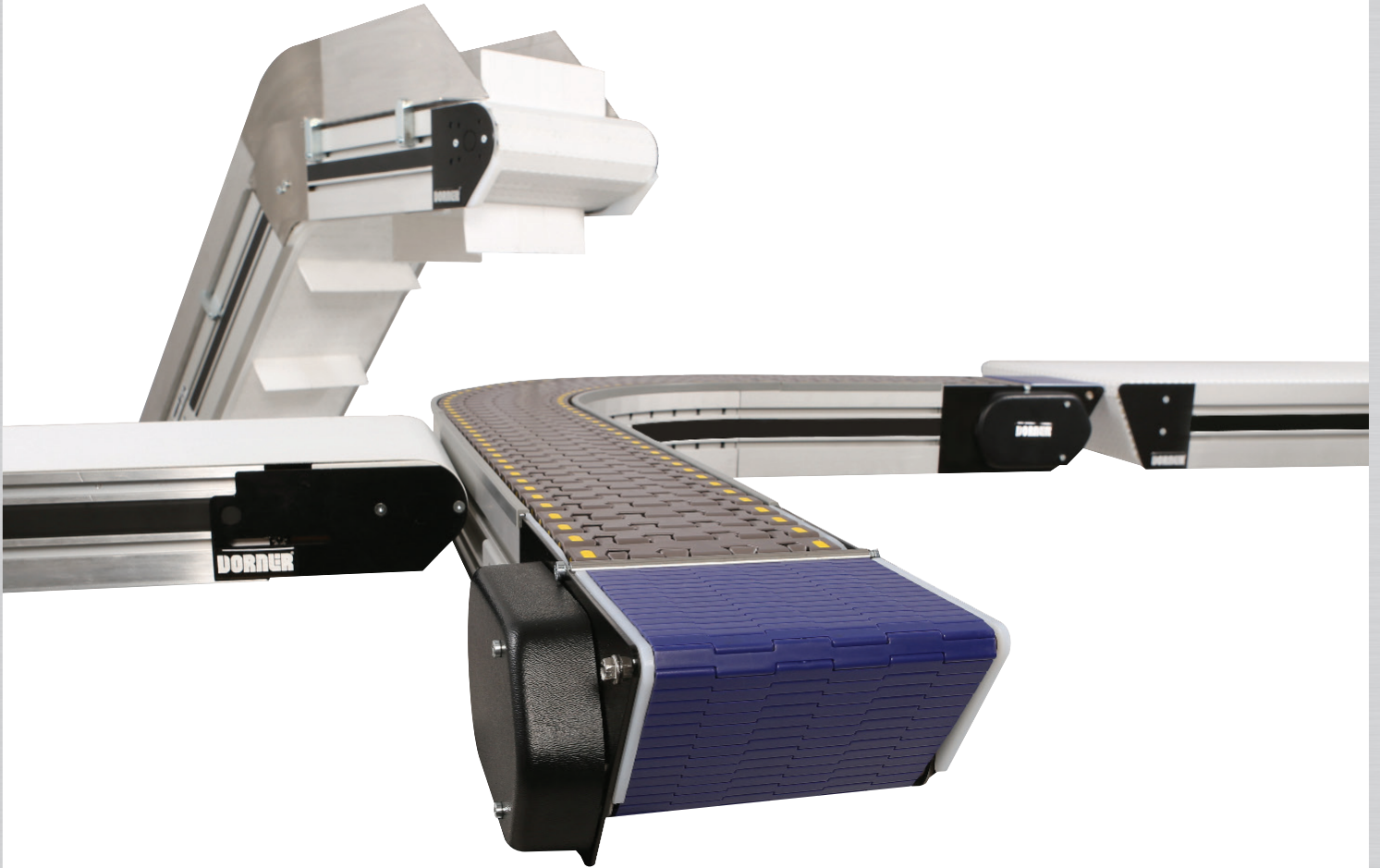


Superior V-Guided
Belt Tracking

High Speeds -
Up to 600 fpm

Fast & Simple to Use
Online Configurator

Industry-Best
Product Transfers



3200 SERIES CONVEYORS

Heavy Duty, Low Maintenance
Fabric & Modular Belt Conveyors

DORNER[®]
MOVE FAST. MOVE SMART.

3200 SERIES

3200 Series Conveyors are best for:

- Part Handling
- Transfers
- Accumulation
- Precision Part Movement
- Part Incline/Decline Routing (Z Frames)
- Positioning
- Automated and Manual Assembly
- High Speeds
- Long Runs
- Mainline Packaging

Sizes & Measurements

- 3.75" - 60" (widths)
- 3' - 99' (lengths)

Loads & Speeds

- Up to 1000 lbs
- Up to 600 fpm



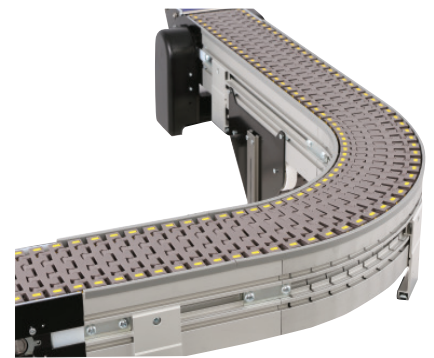
Conveyor Configurations



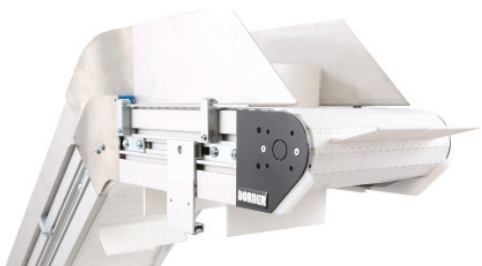
Straight



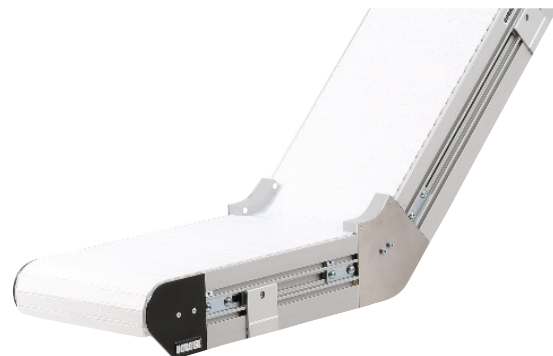
Z-Frame



Curve
(Modular Belt Only)



Nose-Over



Horizontal to Incline

Fabric Belt Types

- Flat Belt
- Flat Belt Cleated
- Sidewall Cleated
- Rib Top Belt



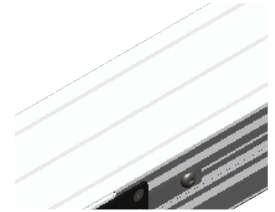
Flat Belt



Flat Belt Cleated



Sidewall Cleated



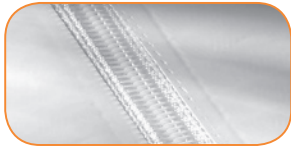
Rib Top Belt

Splicing



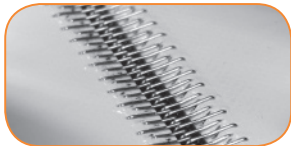
Finger Splice

All belts are available with a standard Thermoformed finger splice. This splice makes the belt continuous and is virtually undetectable.



Plastic Clipper

An optional plastic clipper splice is available for quick removal of belts or when conveyors are installed in tight spaces.



Metal Clipper

An optional metal clipper splice is also available for quick removal of belts or when conveyors are installed in tight spaces.

In-House Fabrication Capability

- Large Quantity of Stocked Materials
- Continuous V-Guiding
- Water Cooled Belt Splicing
- RF Cleat Welding
- Hole Punching

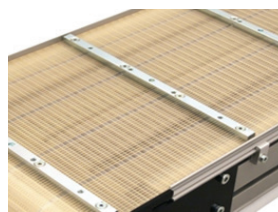


Precision Move Belt Types

- Precision Move
- Precision Move Cleated
- Precision Move with Fixtures
 - Provides an accurate mounting bar for pallet attachment



Precision Move



Precision Move with Fixtures

Modular Belt Types

- Flat Top
- Flush Grid
- Friction Inserts
- Cleated
- Roller Top



Flat Top



Cleated

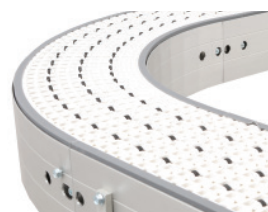


Curved Modular Belt Types

- Basic Single Curve
- Low Backpressure Roller Top Curve
- Friction Insert Curve
- High Strength Tab Curve
- High Strength Bearing Curve



High Strength Curve



Roller Top

Product Transfers

Industry-Best Transfers

- Nosebar Drive and Idler Tails (20 mm Dia.)
- Outfeed/Infeed Powered Transfer
- Infeed/Outfeed Roller Transfer



Modular Belt
Nosebar Tails

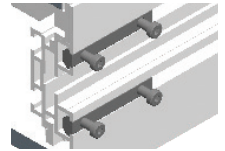


Fabric Belt
Nosebar Tails

Frame Styles

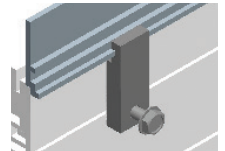
Standard T-Slot Frame

Mounting accessories is simple without drilling or special tools.



SmartSlot® Frame

SmartSlot technology in the frame functions like a T-slot without the collecting of debris.



Optional Mid Slot Cover

Provides cover for wiring and pneumatic lines.



Drive Types



End Drive



Center Drive



iDrive®



Weighted Take-Up Module
Eliminates catenary sag and improves safety. Standard on modular belt conveyors with curves or nosebars.

Flat Belt Conveyor Drive Options

Guiding

Multiple Guiding Options

- Low Side
- Aluminum High Side
- Wiper
- Fully Adjustable
- Adjustable Outboard
- Stainless Steel Side
- Flared Guiding



Controls

- VFD Controllers
- Brushless DC Controllers
- Remote Start VFD Controls
- Programmable Servo Controls

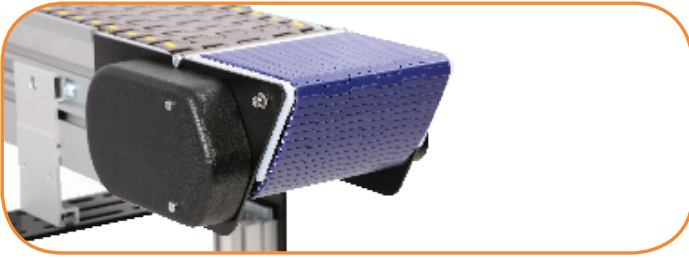


Stands

Multiple Stand Options

- Fixed Height Support Stands
- Adjustable Height Support Stands
- Single Post & Pillar Support Stands





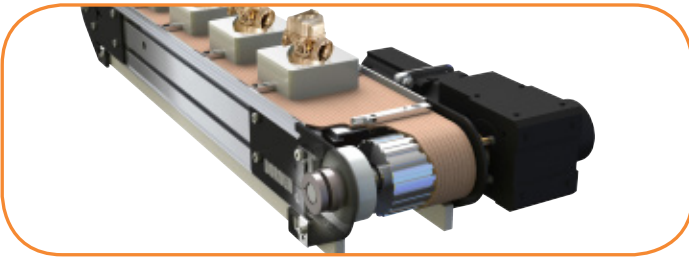
Powered Transfers

- Provides smooth worry free transfer of parts as small as 3" in diameter, even on curves



High Performance Bearing Style Curve Design

- Provides the capability of complex conveyor shapes with up to 4 corner modules



Precision Move Conveyors

- Accurate part location of up to .010" in belt widths to 18" wide



iDRIVE

- The industry's most compact internal drive for 24/7 operation in conveyors as narrow as 6" wide



Flush Side Frames

- All bearings and components located inside conveyor frame for flat sided tails to fit in tight spaces



V-Guided Belt Tracking

- Superior V-Guided belting eliminates the need for tracking adjustments

The Benefits of a Dorner 3200 Series Conveyor

Low Maintenance

- Dorner's Industry Best V-Guiding provides positive belt tracking, even under demanding side load applications
- Modular belts and spliced standard belts allow for quick belt changing, reducing downtime
- Precise rack and pinion belt tensioning
- Sealed for life bearings

Time Saving

- Dorner's online configurator engineers simple or complex conveyors to meet your needs in minutes
- The industry leading tool delivers a complete 3D CAD assembly model for instant validation of fit
- Dorner provides the industry's fastest deliveries

At Dorner we make it our mission to provide you with a system that you can depend on to move your product from point A to point B with precision and speed. It's that commitment and history of proven excellence that has made the Dorner Brand a recognized leader in precision conveyors for nearly 50 years. With our complete line of customizable conveyor systems we have the perfect solution for you!



1X Series

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

1X Series Family:

- Flat Belt
- Aluminum Frame
- Widths to 10"
- Loads to 15 lbs
- Speeds up to 80 fpm



2X Series

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

2X Series Family:

- Flat Belt
- Cleated Belt
- Modular Belt
- Precision Move
- SmartFlex®
- Aluminum Frame
- Widths to 24"
- Loads to 200 lbs
- Speeds up to 400 fpm
- Curves

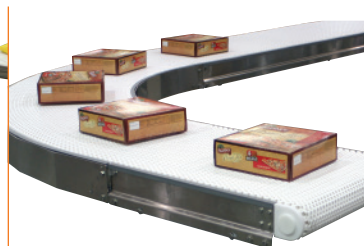


3X Series

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

3X Series Family:

- Flat Belt
- Cleated Belt
- Modular Belt
- Flexible Chain
- Precision Move
- Aluminum Frame
- Widths to 60"
- Loads to 1000 lbs
- Speeds up to 600 fpm
- Curves
- Z-Frame Elevators



7X Series

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

7X Series Family:

- AquaPruf® + AquaGard®
- Flat Belt
- Cleated Belt
- Modular Belt
- Flexible Chain
- Vertical Belt Technology
- Stainless Steel Frame
- Widths to 52"
- Loads to 750 lbs
- Speeds up to 400 fpm
- Curves
- Z-Frame Elevators

NEED SOMETHING DIFFERENT?

DORNER'S **ENGINEERED SOLUTIONS GROUP** PROVIDES EXACTLY WHAT YOU NEED FOR YOUR SPECIFIC APPLICATION. FROM MODIFIED STANDARD CONVEYORS TO COMPLETE CUSTOM DESIGNS.

LOOKING FOR AFTER SALE SUPPORT?

DORNER'S **SERVICES TEAM** PROVIDES COMPLETE SUPPORT FROM REPLACEMENT PARTS TO INSTALLATION AND MAINTENANCE SERVICES.



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