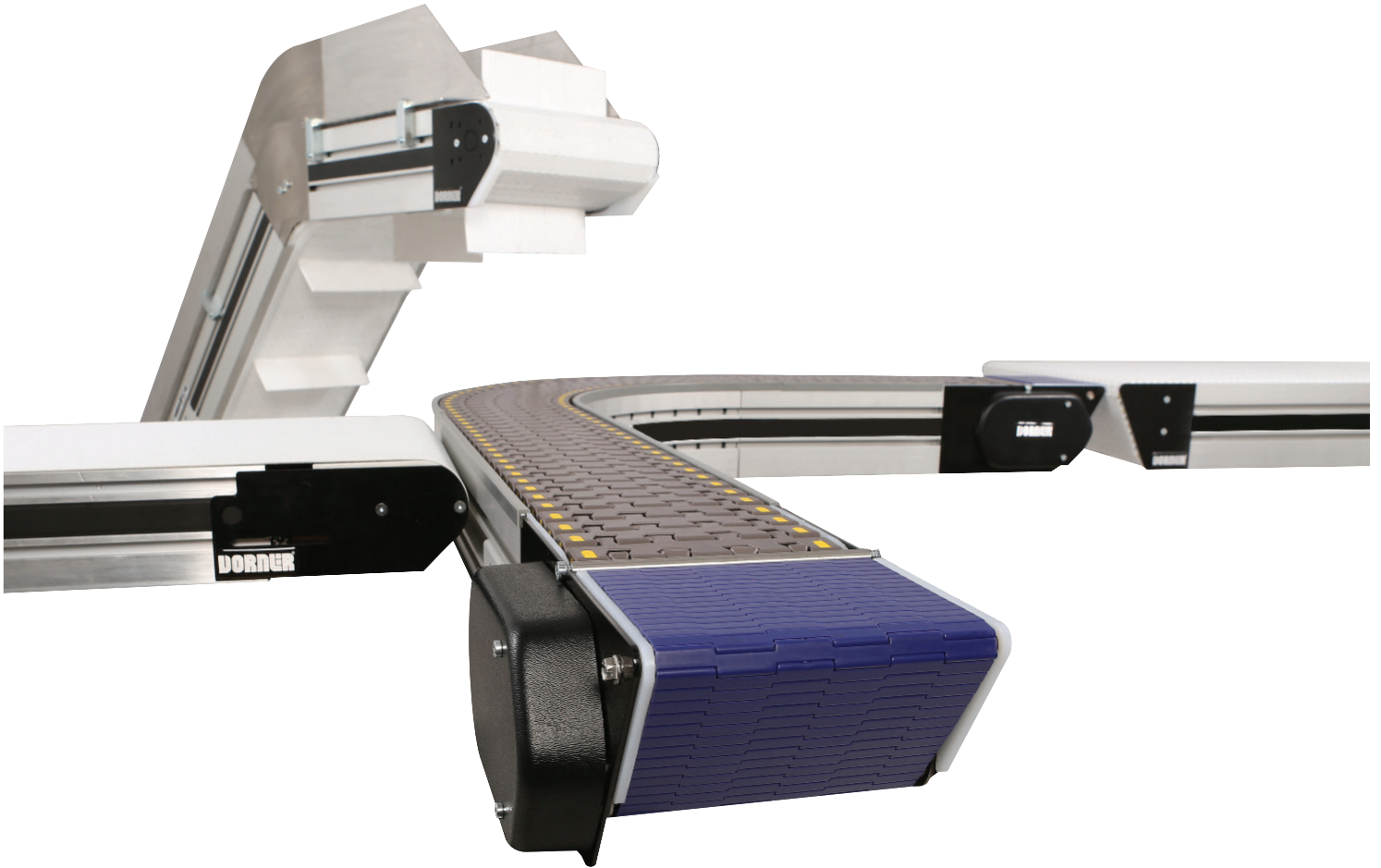


Superior V-Guided  
Belt Tracking

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

## 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



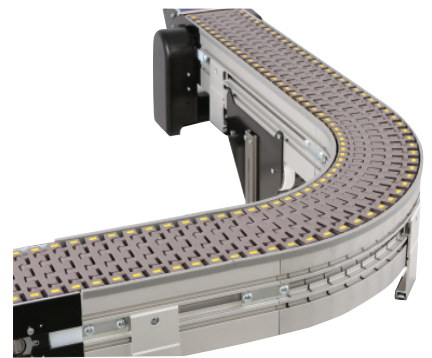
## Conveyor Configurations



Straight



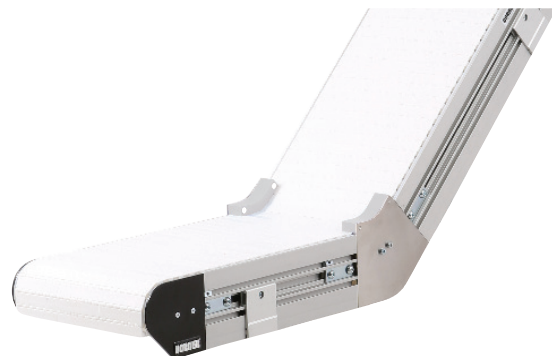
Z-Frame



Curve  
(Modular Belt Only)



Nose-Over



Horizontal to Incline

## Fabric Belt Types

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



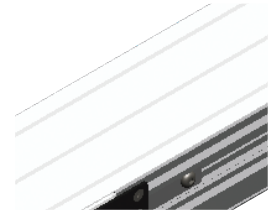
Flat Belt



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 Fabricaton Capability

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

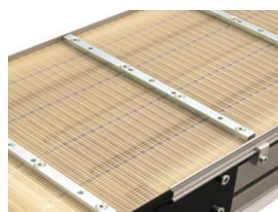


## Precision Move Belt Types

- 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

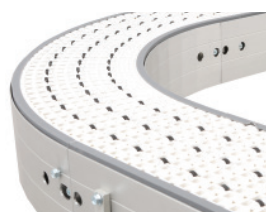


## Curved Modular Belt Types

- 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

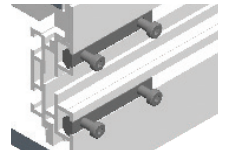


Fabric Belt  
Nosebar Tails

## Frame Styles

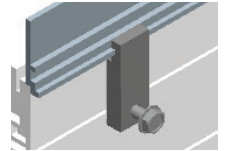
### Standard T-Slot Frame

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

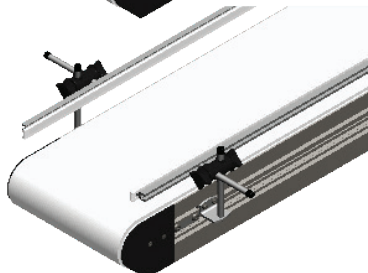
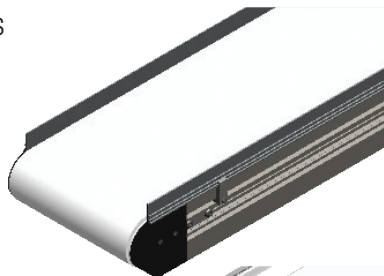
Eliminates catenary sag and improves safety. Standard on modular belt conveyors with curves or nosebars.

## 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







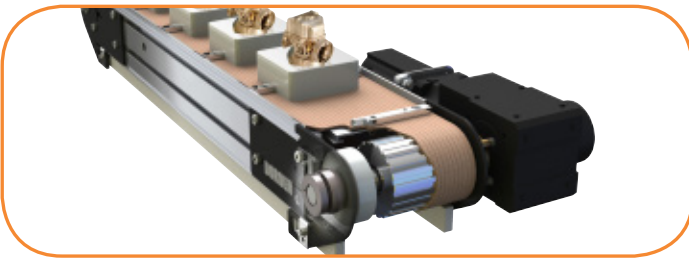
## Powered Transfers

- 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.

