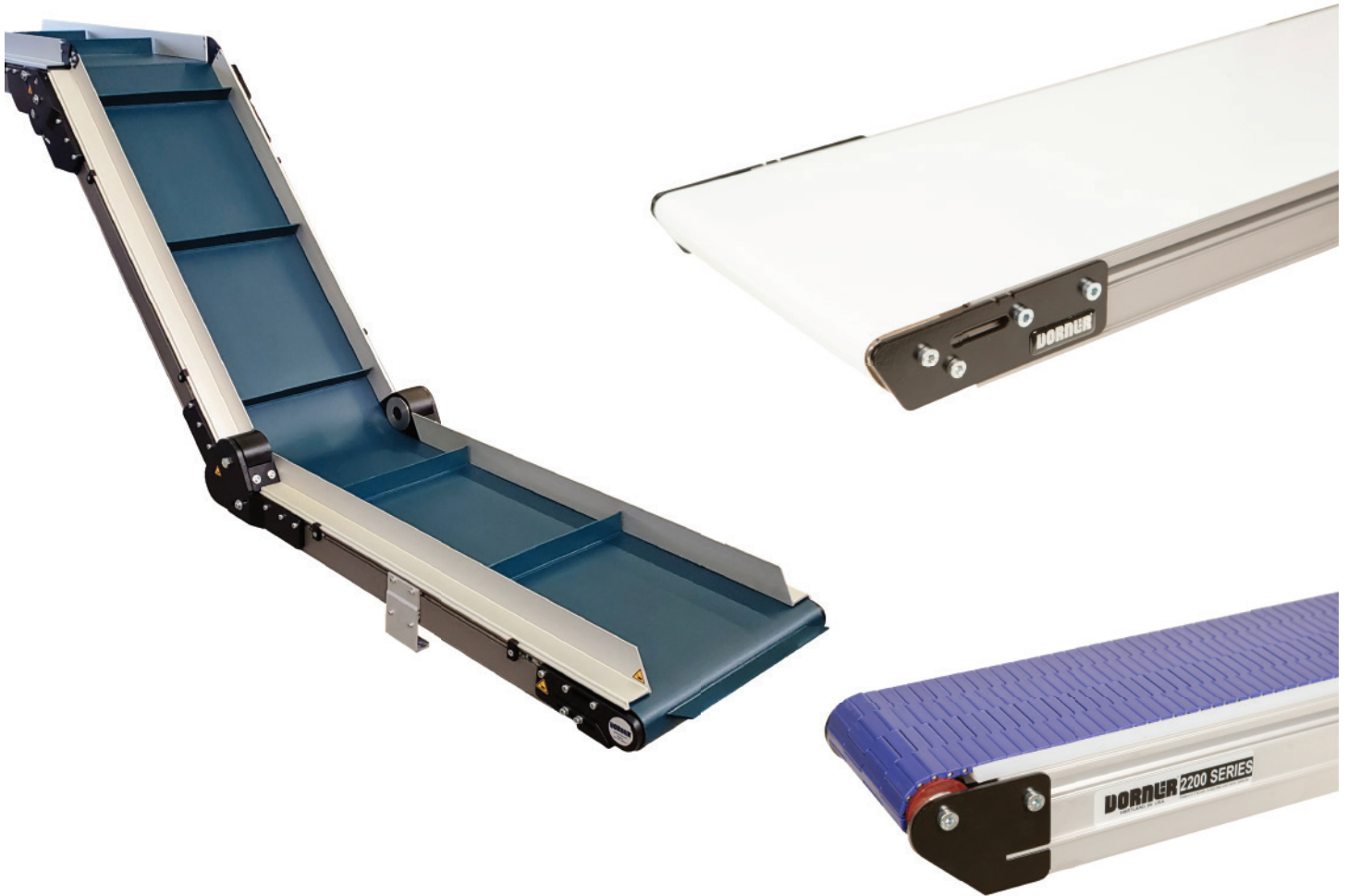


Superior V-Guided
Belt Tracking

High Speed Performance
- Up to 122 mpm

Fast & Simple to Use
Online Configurator

Industry-Best
Product Transfers



2200 SERIES CONVEYORS

Low Profile, High Performance,
Fabric & Modular Belt Conveyors



2200 SERIES

PRODUCT SUMMARY

2200 Series Conveyors are best for:

- Small to Medium Part Handling
- Precision Part Movement
- Positioning
- Transfers
- Part Incline/Decline Routing (Z Frames)
- Automated and Manual Assembly
- Accumulation

Sizes & Measurements

- 25 to 610 mm (widths)
- 457 to 9144 mm (lengths)

Loads & Speeds

- Up to 91 kg
- Up to 122 meters per minute



Conveyor Configurations



Straight



Z-Frame



Horizontal to Incline



Nose-Over

Fabric Belt Types

- Flat Belt
- Cleated Belt



Flat Belt



Flat Belt Cleated

Precision Move Belt Types

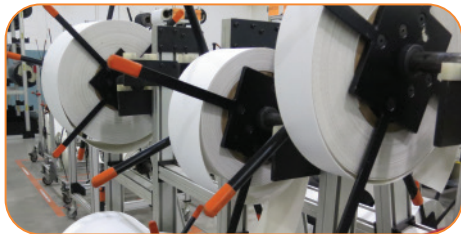
- Precision Move
- Precision Move Cleated



Precision Move
Timing Belt Conveyors

In-House Fabrication Capability

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



Splicing



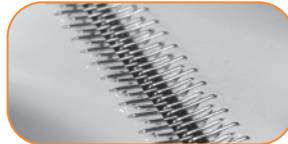
Finger Splice

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



Plastic Clipper

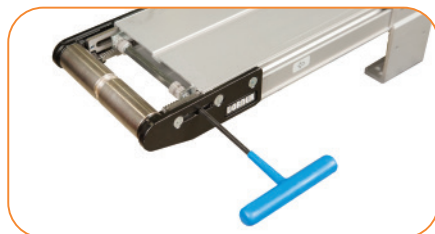
An optional plastic clipper splice is available for quick removal of belts or when conveyors are installed in tight spaces.



Metal Clipper

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

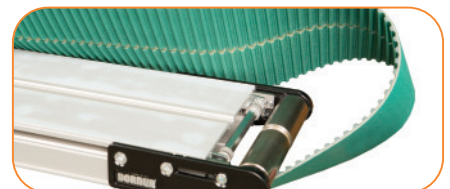
Rack & Pinion Belt Tensioning



Precise V-Guided Belting



Unique Precision Move Reverse V-Guiding



Modular Belt Types

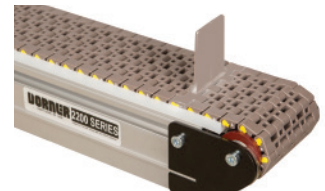
- Micropitch Closed Mesh
- Micropitch Open Mesh
- Metalworking Closed Mesh
- Metalworking Open Mesh
- Metalworking Cleated



Micropitch Closed Mesh



Metalworking



Metalworking Cleated

Cleated Belt Types



Flat Belt Cleated

- 20, 30, 35, 40 and 50 mm Heights



Side Wall Cleat Belt

- 20, 30 and 35 mm Heights

Nose Bar Transfers

Modular Belt



8 mm Nose Bar Transfer Tails with belt speeds up to 53 m/min

Fabric Belt



16 mm High Speed Nose Bar Transfer Tail with belt speeds up to 61 m/min

Frame Construction

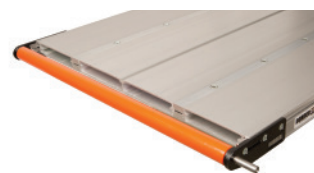
Modular Belt Frames

Rugged open frame design for water and chemical drainage and air cooling



Belted Frames

Durable, hard anodized, aluminum frames. Single piece frames up to 305 mm wide. Multi-piece frames up to 610 mm wide



Multi-piece

Drive Types



End Drive



Center Drive



Common Drive



Mid Drive

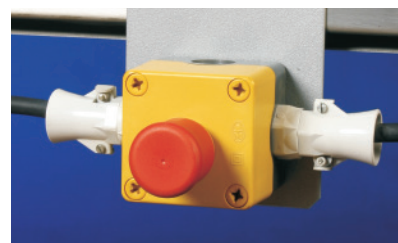
Motors & Controls



Frequency Converter



Motor Protection Switch



Emergency Stop Switch

Guiding

Multiple Guiding Options

- Low Side
- Aluminum Side
- Tool-less Adjustable
- Adjustable Outboard
- Extruded Plastic
- And More!



Cleated Aluminum Side Guiding



Adjustable Guiding

Stands

Multiple Stand Options

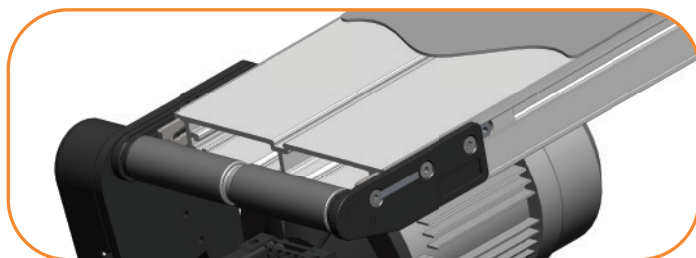
- Fixed Height Support Stands
- Adjustable Height Support Stands
- And More!





High Speed Nose Bar Transfers

- 16 mm Nose Bar safely transfers small parts at speeds up to 61 m/min and features V-Guided belting for accurate belt tracking



V-Guided Belt Tracking

- The industry's first low profile V-Guided conveyor, eliminates startup belt tracking and keeps the belt running straight



Sleek Frame Designs

- Sturdy single piece frame construction with a universal T-Slot allows for fast and simple attachment of accessories and guiding with a variety of industry available hardware



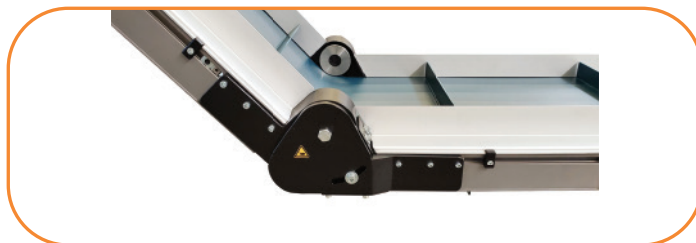
Precision Move

- Provides accurate alignment of both time and distance to move products efficiently in assembly automation applications



Rack and Pinion Belt Tension

- Patented rack and pinion tensioning provides a quick single point tension moving both sides of the tail evenly



Adjustable Angle LPZs

- Sleek, low profile Z-Frame Conveyors are ideal for product elevation changes and can easily adjust to fit machinery layout

The Benefits of a Dorner 2200 Series Conveyor

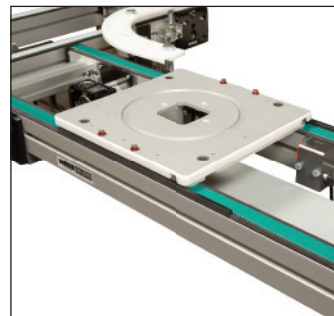
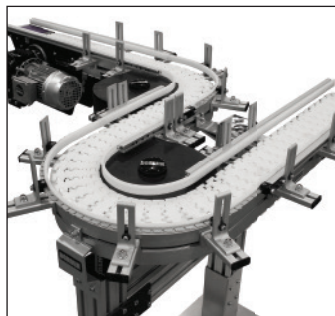
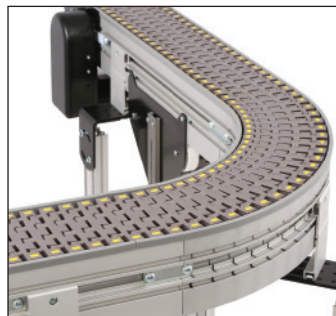
Low Maintenance

- Dorner's Industry Best V-Guiding provides positive belt tracking, even under demanding side load applications
- Precise rack and pinion belt tensioning allows for fast and simple tensioning
- Sealed for life bearings reduces maintenance

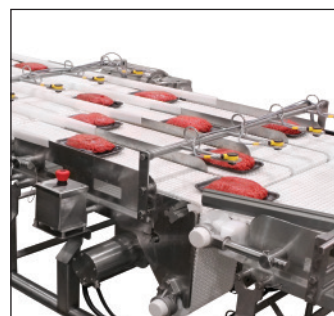
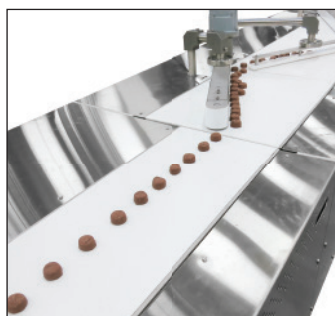
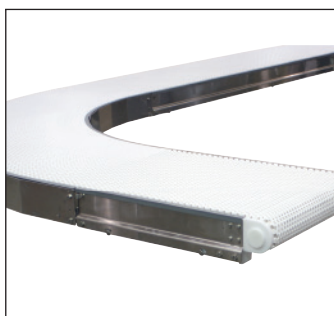
Time Saving

- 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 lead times with conveyors shipping in as little as 3 business days

Industrial & Automation Conveyors



Sanitary Conveyors



Engineered Solutions



Parts



Service



Online Configurator



Warranty

Transforming Conveyor Automation

