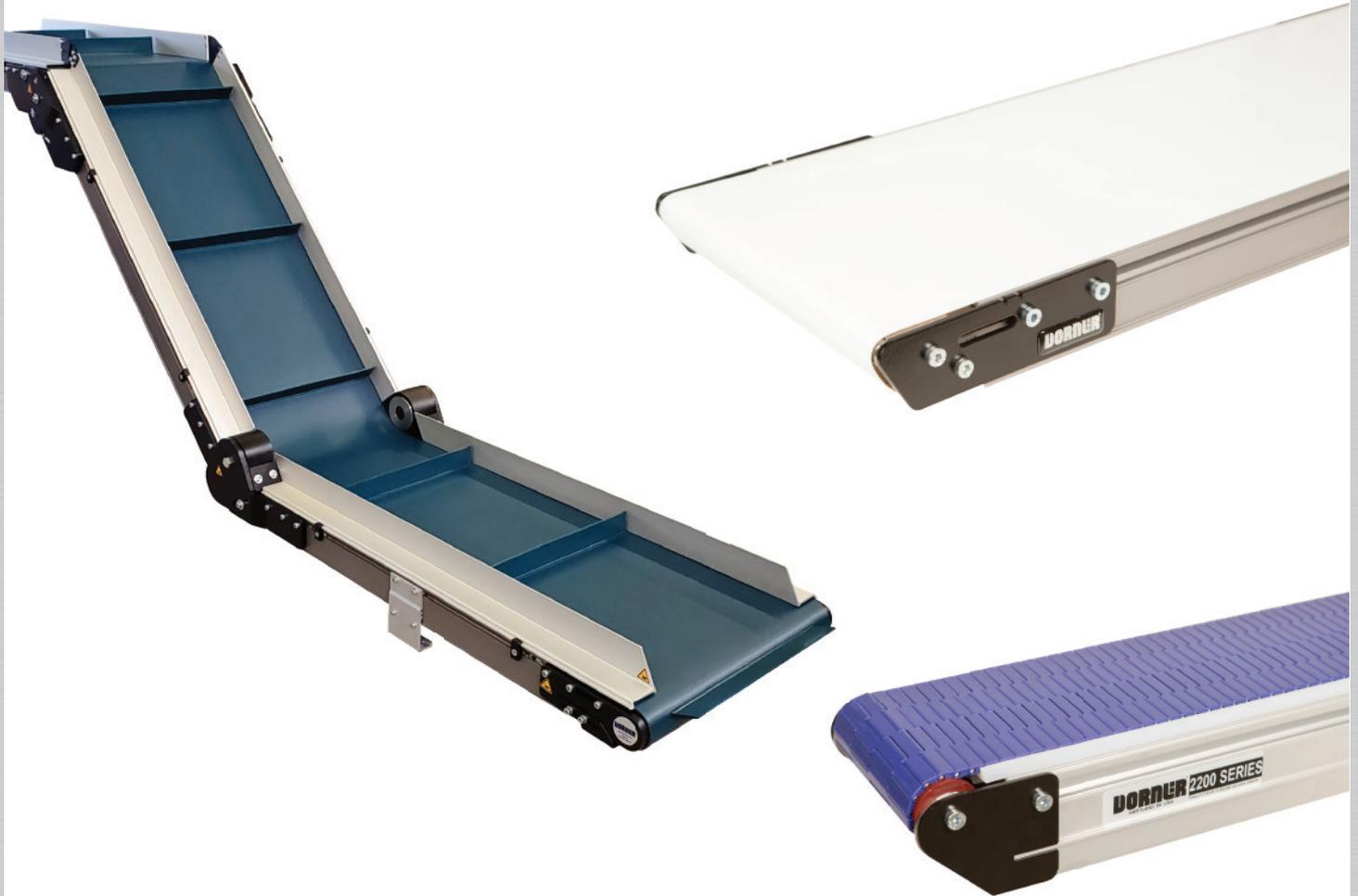


Superior V-Guided  
Belt Tracking

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

**DORNER**<sup>®</sup> 

## 2200 Series Conveyors are best for:

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

## 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

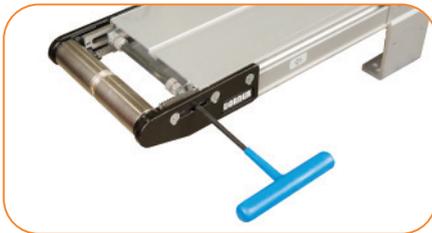
An optional plastic clipper splice is available for quick removal of belts or when conveyors are installed in tight spaces.



### 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



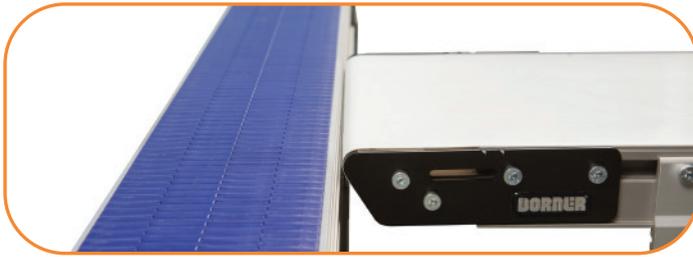
Adjustable Guiding

## Stands

### Multiple Stand Options

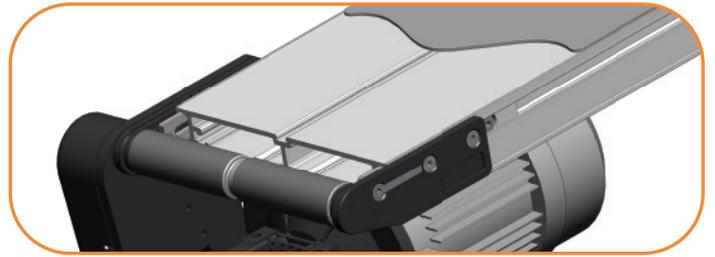
- Fixed Height Support Stands
- Adjustable Height Support Stands
- And More!





## 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



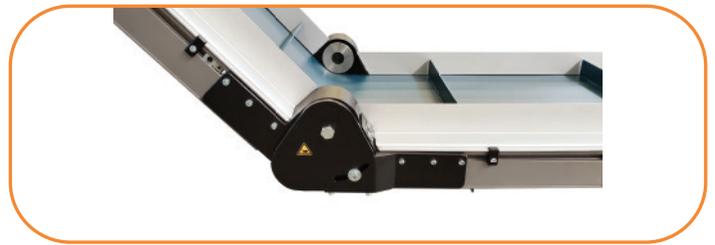
## Precision Move

- 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

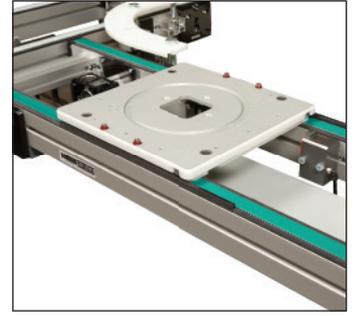
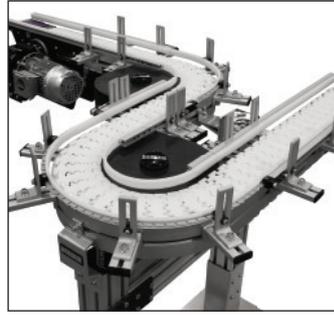
### Low Maintenance

- 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

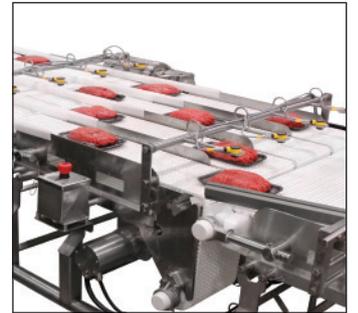
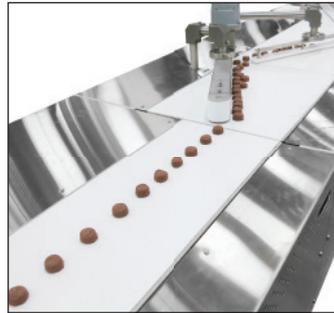
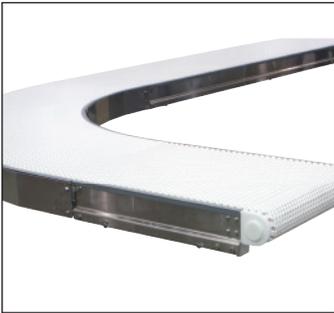
### Time Saving

- 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

### Dorner GmbH – Europe

#### Dorner – Germany

Karl-Heinz-Beckurts-Straße 7  
52428 Jülich,  
Germany  
+49 (0) 2461/93767-0  
info.europe@dorner.com

#### Dorner – France

8 rue des Frères Caudron  
78140 Velizy-Villacoublay  
France  
+33 (0)1 84 73 24 27  
info.france@dorner.com

### Dorner – North & South America

#### Dorner – U.S.A.

**Headquarters**  
975 Cottonwood Ave  
Hartland, WI 53029, USA  
(800) 397-8664  
(262) 367-7600  
info@dorner.com

#### Dorner – Canada

100-5515 North Service Road  
Burlington, Ontario L7L 6G6  
Canada  
(289) 208-7306  
info@dorner.com

#### Dorner – Latin America

Carretera a Nogales #5297,  
Nave 11. Parque Industrial Nogales  
Zapopan, Jalisco C.P. 45222  
Mexico  
+52.33.30037400  
info.latinamerica@dorner.com

### Dorner – Asia

128 Jalan Permatang Damar Laut, Bayan Lepas 11960  
Penang, Malaysia  
+604-626-2948 | info.asia@dorner.com

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[www.dornerconveyors.com](http://www.dornerconveyors.com)