2200 SERIES CONVEYORS

Low Profile, High Performance, Fabric & Modular Belt Conveyors
2200 SERIES

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
- 1” - 24” (widths)
- 18” - 30’ (lengths)

Loads & Speeds
- Up to 150 lbs
- Up to 400 fpm

Conveyor Configurations
- Straight
- Z-Frame
- Horizontal to Incline
- Nose-Over
### Fabric Belt Types
- Flat Belt
- Cleated Belt

### Precision Move Belt Types
- Precision Move
- Precision Move Cleated

### In-House Fabrication Capability
- Large Quantity of Stocked Materials
- Continuous V-Guiding
- Water Cooled 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.

### Modular Belt Types
- Micropitch Closed Mesh
- Micropitch Open Mesh
- Metalworking Closed Mesh
- Metalworking Open Mesh
- Metalworking Cleated

### Roller Conveyors
- Single piece frame lengths to 12' long
- Rollers: 1" (25 mm) diameter rollers on 1.2" (31 mm), 2.4" (61 mm) or 3.6" (91 mm) centers
### Nose Bar Transfers

<table>
<thead>
<tr>
<th>Modular Belt</th>
<th>Fabric Belt</th>
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<tbody>
<tr>
<td>0.31&quot; Nose Bar Transfer Tails with belt speeds up to 175 ft/min</td>
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<tr>
<td>5/16&quot; Nose Bar Transfer Tail with belt speeds up to 75 ft/min</td>
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<tr>
<td>5/8&quot; High Speed Nose Bar Transfer Tail with belt speeds up to 200 ft/min</td>
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### Drive Types

- End Drive
- Center Drive
- iDrive®
- Mid Drive

### 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 12” wide. Multi-piece frames up to 24” wide

### Motors & Controls

- Universal Drive
- Servo
- Basic VFD Control
- Full Feature VFD
- Brushless DC Control

### Guiding

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

### Stands

- Multiple Stand Options
  - Fixed Height Support Stands
  - Adjustable Height Support Stands
  - And More!
**INDUSTRY LEADING TECHNOLOGY**

**2200 SERIES**

**High Speed Nose Bar Transfers**
- 5/8” Nose Bar safely transfers small parts at speeds up to 200 ft/min and features V-Guided Belting for accurate belt tracking

**Universal Drive**
- A breakthrough in conveyor drive technology; a single part number covers all speeds, loads, and mounting positions for 2200 End Drive Conveyors

**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

**LPZs**
- Sleek, low profile Z-Frame Conveyors are ideal for product elevation changes and can easily fit under machinery

**iDrive**
- The industry’s most compact drive saves space and reduces integration time

**The Benefits of a Dorner 2200 Series Conveyor**

**Low Maintenance**
- Dorners 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
- Universal Drive provides flexibility in design layout and simplicity in spare part management

**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
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
- Z-Frame Elevators

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.