Universal Motor & Mounting Package

Fast & Simple to Use Online Configurator

Industry-Best Product Transfers

Superior V-Guided Belt Tracking

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
- 25 mm - 610 mm (1 in - 24 in) widths
- 457 mm - 9144 mm (18 in - 30 ft) lengths

Loads & Speeds
- Up to 68 kg (150 lbs)
- Up to 122 mpm (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.

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

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

- **Modular Belt**
  - 8 mm (0.31 in) Nose Bar Transfer Tails with belt speeds up to 53 m/min (175 ft/min)

- **Fabric Belt**
  - 16 mm (5/8 in) High Speed Nose Bar Transfer Tail with belt speeds up to 61 m/min (200 ft/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 (12 in) wide. Multi-piece frames up to 610 mm (24 in) wide

Drive Types

- **End Drive**
- **Center Drive**
- **iDrive**
- **Mid Drive**

Motors & Controls

- **Small Gearmotors**
- **Standard Load Gearmotors**
- **Servo Gearboxes**
- **VFD Control**

Guiding

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

- **Cleated LPZ Aluminum Side Guiding**

Stands

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

- **Adjustable Guiding**

### 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
- 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

### High Speed Nose Bar Transfers
- 16 mm (5/8 in) Nose Bar safely transfers small parts at speeds up to 61 m/min (200 ft/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

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

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