3200 SERIES CONVEYORS

Heavy Duty, Low Maintenance Fabric & Modular Belt Conveyors
3200 SERIES

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
- 95 - 1524 mm (3.75 - 60 in) widths
- 0.9 - 30 m (3 - 99 ft) lengths

Loads & Speeds
- Up to 454 kg (1000 lbs)
- Up to 183 mpm (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

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

### Modular Belt Types

- Flat Top
- Flush Grid
- Friction Inserts
- Cleated
- Roller Top

### Curved Modular Belt Types
- Basic Single Curve
- Low Backpressure Roller Top Curve
- Friction Insert Curve
- High Strength Tab Curve
- High Strength Bearing Curve
OPTIONS

Product Transfers
Industry-Best Transfers
- Nosebar Drive and Idler Tails (20 mm Dia.)
- Outfeed/Infeed Powered Transfer
- Infeed/Outfeed Roller Transfer

Drive Types
End Drive  Center Drive  iDrive®

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.

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
- Programable Servo Controls

Stands
Multiple Stand Options
- Fixed Height Support Stands
- Adjustable Height Support Stands
- Single Post & Pillar Support Stands

3200 SERIES
INDUSTRY LEADING TECHNOLOGY

3200 SERIES

**Powered Transfers**
- Provides smooth worry free transfer of parts as small as 76 mm (3 in) in diameter, even on curves

**V-Guided Belt Tracking**
- Superior V-Guided belting eliminates the need for tracking adjustments

**Precision Move Conveyors**
- Accurate part location of up to .25 mm (.010 in) in belt widths to 457 mm (18 in) wide

**iDRIVE**
- The industry’s most compact internal drive for 24/7 operation in conveyors as narrow as 152 mm (6 in) wide

**Flush Side Frames**
- All bearings and components located inside conveyor frame for flat sided tails to fit in tight spaces

**High Performance Bearing Style Curve Design**
- Provides the capability of complex conveyor shapes with up to 4 corner modules

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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