

# DORNER®

By Columbus McKinnon

## 3200 Series

### Heavy Duty Conveyors

Heavy duty conveyors designed for parts transfers, part accumulation, and automated & manual assembly!

#### FEATURES

- Superior V-Guided Belt Tracking
- High Speeds with Precision Positioning
- Available in a variety of belt styles including flat belt, cleated, sidewall cleated, and rib top.
- Industry Best Product Transfers
- Multiple Configurations: Straight, Z-Frame, Curve Nose-Over, Horizontal to Incline.
- Guiding Options: Low Side, Aluminum High Side, Wiper, Fully Adjustable, Adjustable Outboard, Stainless Steel Side, Flared Guiding.

#### SPECIFICATIONS

- 95 - 1524 mm (3 3/4 - 60 in) widths
- 1219 mm - 30,175 m (3 - 99 ft) lengths
- Loads up to 455 kg (1000 lbs)
- Speeds up to 183 m/min (600 ft/min)
- Flat Belt End Drive, Cleated Belt End Drive, Center Drive and iDrive® models
- V-Guided Belt Tracking

#### ACCESSORIES

- 90° Adjustable Transfer
- Side Tables
- Side Guides
- Z-Frame Chutes
- Stops
- Adjustable Lane Guiding
- Pulley Transfer Plate
- Photo Eye Brackets
- T-Slot Covers

#### APPLICATIONS

- Parts Transfers
- Part Accumulation
- Precision Part Movement
- Part Incline/Decline Routing
- Part Handling and Positioning
- Automated and Manual Assembly



The 3200 Series can be configured for widths up to 5 ft.



Fully configurable for a wide variety of applications

## 3200 BELTING ALTERNATE OPTIONS

- Modular Belt Conveyors
- Precision Move Conveyors
- Intralox Activated Roller Belt™ (ARB) Technology

## MODULAR BELT

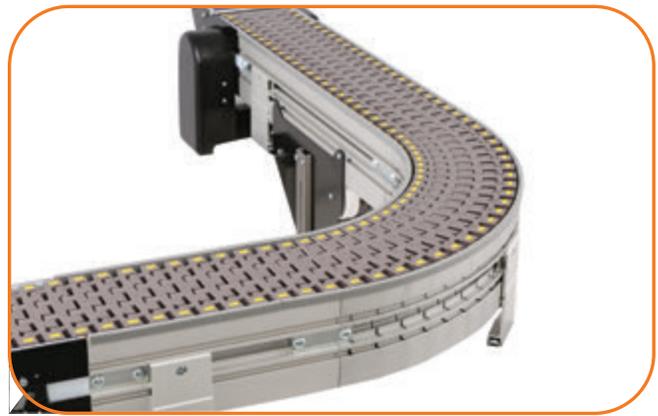
- Ladder-style, open frame construction for water and chemical drainage and air cooling.
- Universal T-slot for ease and flexibility of adding accessories using industry available hardware.
- Additional frame widths and expanded guiding and chain options.
- Best for: Small Belt Conveyor Applications, Small Part Transfers, and Part Accumulation.

## PRECISION MOVE

- Loads up to 340 kg (750 lbs)
- Belt speeds up to 158 m/min (517 ft/min)
- Belt widths 95 mm - 457 mm (4 - 18 in.)
- Positive drive no slip timing belting and side guides provide worry free belt tracking
- Conveyor package w/servo motor index repeatability  $\pm 0.02''$

## INTRALOX ACTIVATED ROLLER BELT

- ARB makes merging, diverting, and aligning of product seamless for multiple product sizes
- 90° transfers maintaining product orientation
- Speeds up to 46 m/min (150ft/min)
- Solutions: Aligners/edge justification, case turners, bump turners, touchless low friction merges, and rejects



# TRANSFORMING CONVEYOR AUTOMATION

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# DORNER®

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