

3200 Series

Intralox Activated Roller Belt™ (ARB) Technology

DORNER[®]
By Columbus McKinnon

Innovative Conveyance Technology for Merging, Diverting and Aligning of Product

- Flexibility to handle multiple product sizes without the need for changeover
- Minimizes floor space consumption
- Increased system reliability
- Eliminates costly system controls, reducing complexity
- Encased moving parts provide safer work environments
- Low maintenance solution
- Handles product as small as 152 mm x 152 mm (6 in x 6 in)

ARB SPECIFICATIONS

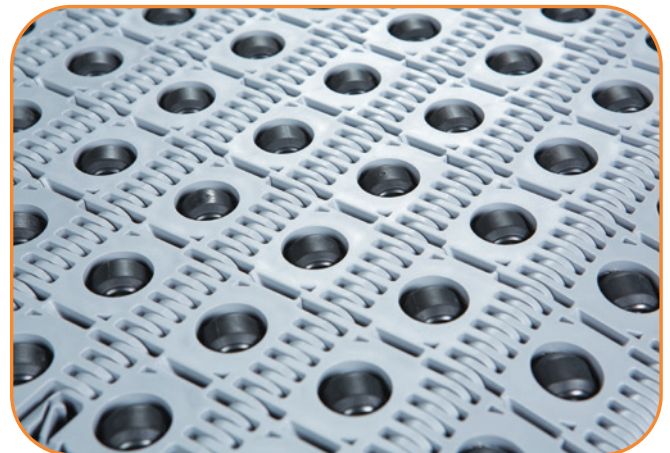
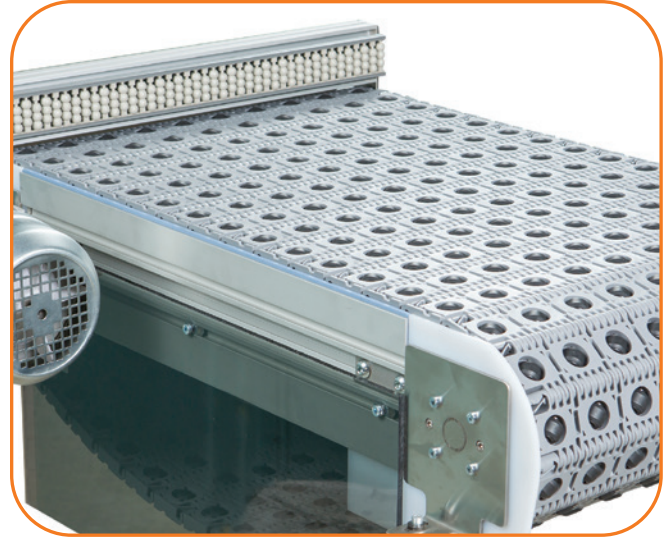
- 2 in (51 mm) pitch ARB Chain
- Built on Dorner 3200 Series platform
- Widths: 8 in (203 mm) to 60 in (1524 mm) in 2 in (51 mm) increments
- Lengths: Minimum 914 mm (3 ft)
- Speeds: Up to 46 m/min (150 ft/min)
- Optional Powered Transfer

ARB SOLUTIONS

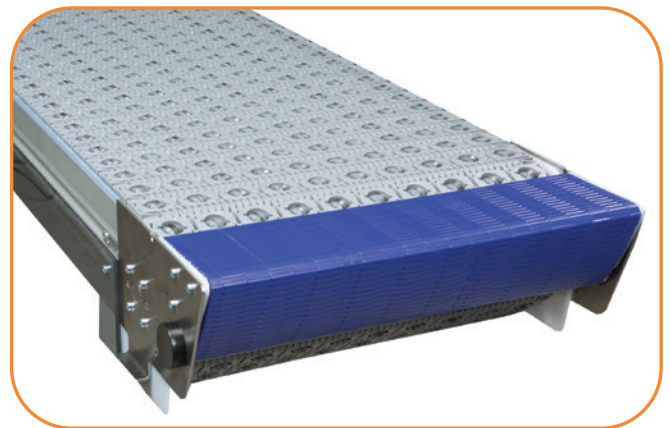
- 90 degree transfers maintaining product orientation
- Aligners / edge justification
- Case turners
- Bump turns
- Touchless low friction merges
- Rejects

ARB SOLUTIONS

- Standard support stands and guiding options are available
- All standard 3200 Series mounting packages and gearmotors are available



Low and High Friction Rollers
Passive and Activated Rollers



Optional Powered Transfer

90° TRANSFERS AND LANE MERGES

- 90° Passive On and 90° Passive Off transfers
- No adjustment needed for different size products
- Requires 152 mm - 203 mm (6 in - 8 in) gap upstream
- 90° Passive On requires some product momentum, 90° Passive off does not
- Using Passive On, product can merge into a gap on the mainline ARB Conveyor
- Uses Series 400 45° Chain and Passive Rollers



EDGE JUSTIFICATION AND BUMP TURNS

- No adjustment needed for different size products
- Edge justification requires no product gap
- Bump turn needs 152 mm - 203 mm (6 in - 8 in) gap upstream
- A fixed or pneumatically controlled protrusion from the side rail is added to help start the turning process
- Uses Series 400 30° Chain and Activated Rollers



TRANSFORMING CONVEYOR AUTOMATION

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