

# Narrow Belt Conveyor

Low Pressure Accumulation

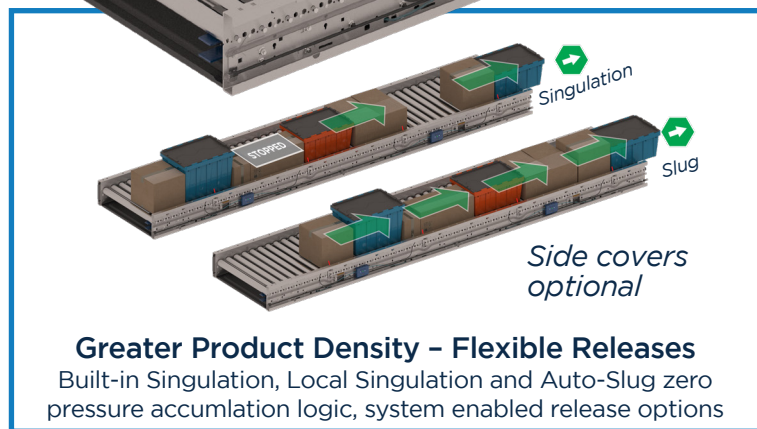
Pneumatically Actuated

POWERED BY

**TREW**®

Used to buffer containers, balance workflow between processes, or build up queues for merge and sortation systems, Trew's Narrow Belt Conveyor Line provides high density pneumatic minimal pressure accumulation with less product damage and fewer jams. The factory installed zone control provides field selectable accumulation modes and two release options with high visibility diagnostics and error notifications for faster installation, improved maintenance response time, and improved overall operational performance.

- Enables high throughput and gentle product handling
- Built-in selectable accumulation logic
- Singulation and slug releases
- Intuitive controls



## KEY FEATURES AND BENEFITS

- Handles totes, cartons, parcels and more
- 3' zones maximize accumulation density
- Universal photoeye, same as used with Series 1500 MDR
- Auto-controlled zone brakes available
- Modular design, factory readied quick connect installation
- Release efficiency up to 50% singulation, 75% auto-slug, and 95% slug releases
- Up to 300' accumulation runs
- Across-The-Line Start, Soft Start, or VFD compatible
- Easy installation and maintenance

# Narrow Belt Conveyor

## Low Pressure Accumulation

### Pneumatically Actuated



### Specifications:

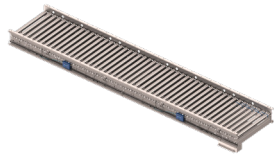
- Between frame (BF): 15", 21", 27", 33", 36"
- Motor HP: 1, 2, 3, 5
- Speeds: 60 - 300 FPM
- Product Weight: 0.5 - 75 lbs
- Product Length: 6" - 48"
- Minimum Product Height: 0.5"
- Temperature: 32° - 104°F
- ZC controller factory mounted outside of rail, exhausts to interior
- Actuation: Pneumatic, 15 PSI typ.
- Take-Up: Pneumatic
- Belt Splicing: Welded
- Same frame profile as Series 1500 MDR



| NARROW BELT ACCUMULATOR - END DRIVE - 144" OAL |                       |              |        |  |               |             |             |                |                      |
|--|-----------------------|--------------|--------|--|---------------|-------------|-------------|----------------|----------------------|
| Part #   | Width (BF)            | Side Channel | Hand   | Speed (FPM)                                | HP            | Roller C-C" | Roller Type | Roller Coating | Color                |
| TR11001<br>(144" Long)                         | 15, 21, 27,<br>33, 36 | RSL          | LH, RH | 60, 90, 120,<br>150, 180, 210,<br>240, 300 | 1, 2,<br>3, 5 | 2C, 3C      | SS, HS      | NC, CR         | RAL 9022<br>RAL 7035 |
| TR11007<br>(144" Long)                         | 15, 21, 27,<br>33, 36 | RSH          | LH, RH | 60, 90, 120,<br>150, 180, 210,<br>240, 300 | 1, 2,<br>3, 5 | 2C, 3C      | SS, HS      | NC, CR         | RAL 9022<br>RAL 7035 |



| NARROW BELT ACCUMULATOR - INTERMEDIATE - OAL   |                       |              |        |             |             |                |                      |  |
|--|-----------------------|--------------|--------|-------------|-------------|----------------|----------------------|--|
| Part #   | Width (BF)            | Side Channel | Hand   | Roller C-C" | Roller Type | Roller Coating | Color                |  |
| TR11002 (36" Long)<br>TR11003 (72" Long)<br>TR11004 (108" Long)<br>TR11005 (144" Long) | 15, 21, 27,<br>33, 36 | RSL          | LH, RH | 2C, 3C      | SS, HS      | NC, CR         | RAL 9022<br>RAL 7035 |  |
| TR11008 (36" Long)<br>TR11009 (72" Long)<br>TR11010 (108" Long)<br>TR11011 (144" Long) | 15, 21, 27,<br>33, 36 | RSH          | LH, RH | 2C, 3C      | SS, HS      | NC, CR         | RAL 9022<br>RAL 7035 |  |



| NARROW BELT ACCUMULATOR - END IDLER - 144" OAL |                       |              |        |             |             |                |        |                      |
|--|-----------------------|--------------|--------|-------------|-------------|----------------|--------|----------------------|
| Part #   | Width (BF)            | Side Channel | Hand   | Roller C-C" | Roller Type | Roller Coating | Brake  | Color                |
| TR11006<br>(144" Long)                         | 15, 21, 27,<br>33, 36 | RSL          | LH, RH | 2C, 3C      | SS, HS      | NC, CR         | BR, NB | RAL 9022<br>RAL 7035 |
| TR11012<br>(144" Long)                         | 15, 21, 27,<br>33, 36 | RSH          | LH, RH | 2C, 3C      | SS, HS      | NC, CR         | BR, NB | RAL 9022<br>RAL 7035 |

| FIELD KITS                         |                  |  |
|------------------------------------|------------------|--|
| Part #                             | Part Name        | Description  |
| 1003672                            | Filter Regulator | Puck Filter Regulator Field Kit - one needed for every 120' of conveyor  |
| 1005768                            | Power Supply     | 120VAC IN, 24VDC OUT, Class 2 Power Supply - one needed for every 210' of conveyor   |
| 1005769                            | Interface Module | Interface Module Field Kit - Compatible with both 24VDC/120VAC signals. One interface module included with each new End Idler. Uses include: Zone/Slug Release Signal from PLC, downstream conveyor communication, lane full communication |
| 1005754                            | Brake Module     | Solenoidless zone brake module, automatically controlled by narrow belt zone controller  |
| 1005175 (2" CC)<br>1005176 (3" CC) | Touch Up Skew    | 3' sections to keep product aligned to edge of conveyor  |