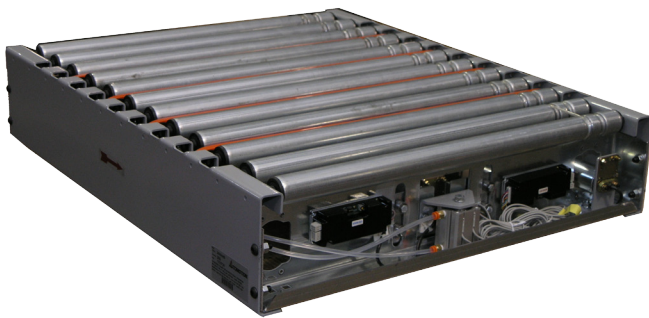


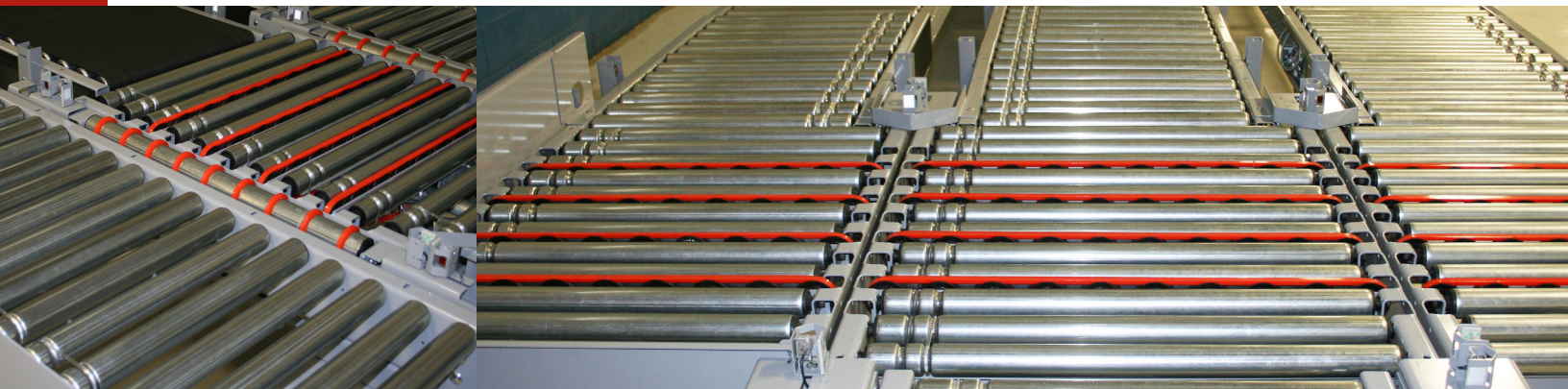
AutoRoll+™ Motorized Roller Bi-Directional Transfer (AR+)



AutoRoll+™ Bi-directional Transfers can transfer product in either direction. They can transfer to a conveyor that is parallel or perpendicular to the transferring conveyor. When transferring to a perpendicular conveyor the product orientation will be changed by 90 degrees.

Intermixed products, such as totes, slave pallets and cartons can be handled simultaneously even when there are extreme differences in weights from one product to the next.

AutoRoll+™ is quiet, safe, and requires low-to-no maintenance. Featuring run-on-demand zones, it only runs when required to advance product, thereby reducing energy consumption and overall noise generation as well as extending the functional life of the conveyor.



Mechanical Characteristics

Bed Section

Low Profile:

7" Deep x 1-1/2" Flange x 10 Gauge channel frame. Includes axle isolators.

Heavy Duty:

8" Deep x 1-1/2" Flange x 10 Gauge channel frame. Includes axle isolators.

Drive Rollers

(1) Automotion 24VDC Motor Driven Roller. Includes wire harness and motor control card.

Transfer Band Drive Motor

Low Profile:

(1) 24VDC Motor Driven Roller. Includes wire harness and motor control card.

Heavy Duty:

(1) 1/2 HP 240/480VAC gearmotor.

Galvanized Carrying Rollers

1-5/8" Diameter 16 Gauge, carrying roller with 7/16" hex axle.

Axle Isolators

Specially designed, patented conductive plastic insert isolates carrying roller axles from the conveyor frame to reduce noise and prevent wear.

Finish

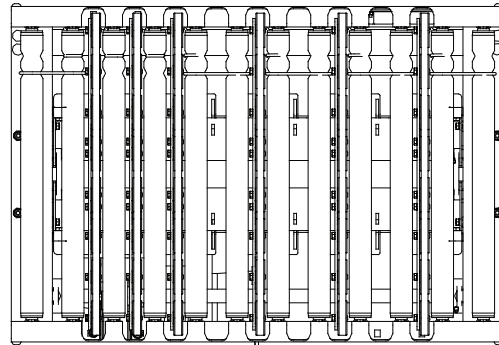
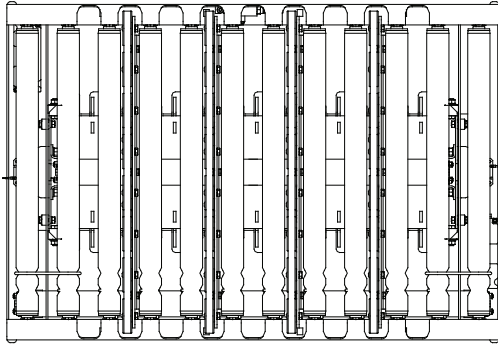
Conductive powder coated paint to prevent static charge build-up.

Sort Rate Capacity

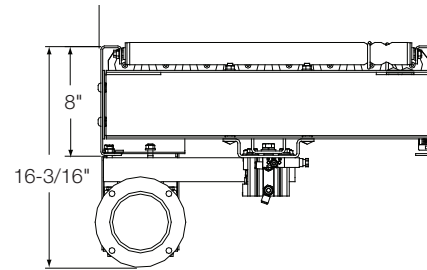
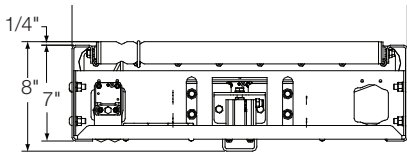
Up to 30 Cartons Per Minute dependent upon carton size and weight and system design.

Technical Detail

Plan View



Section View



Specifications

Typical Applications
Transfer

Live Load Capacity
Up to 20 lbs. per roller.

Standard Nominal Widths
24", 27", 30", 33", 36", 39",
42", 45" and 48"

Carrying Roller Centers
3"

Options

- Guard Rail and Supports
- Hi-Speed Rollers
- Transfer Belt Quantity
- Pre-Assembled Pick and Pass Modules