



AutoRoll™ Motorized Roller (AR) Bi-Directional Transfer



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) 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 & weight and system design.

FEATURES

Automotion 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.

AutoRoll™ (AR) conveyor is quiet, safe, requires low-to-no maintenance, and offers high speed and non-contact zero pressure accumulation.

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™ conveyor features 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.

When comparing actual power consumption of two (2) like systems with same or similar throughputs, AutoRoll™ consumed only 30% of what a comparable 460 Volt 3 Phase system would consume. This can represent a significant savings that is often not considered.

AutoRoll™ has an extremely quiet OSHA approved sound level. As an added consideration, because AutoRoll™ is run-on-demand, there is no sound generated when the zones are in accumulation mode, or when product is not present.

SPECIFICATIONS

Typical Applications:

Transfer

Live Load Capacity:

Up to 20 lbs. per roller.

Standard Nominal Widths:

24", 27", 30", 33", 36", 39", 42", 45" & 48"

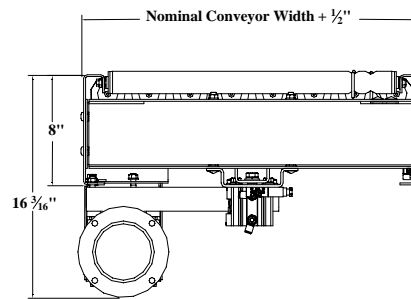
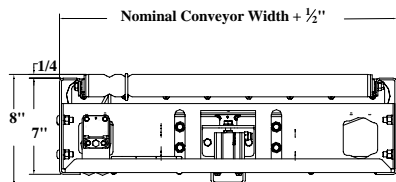
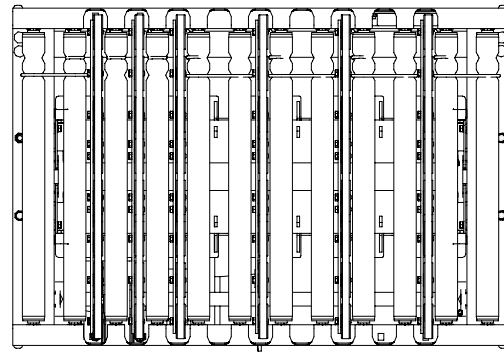
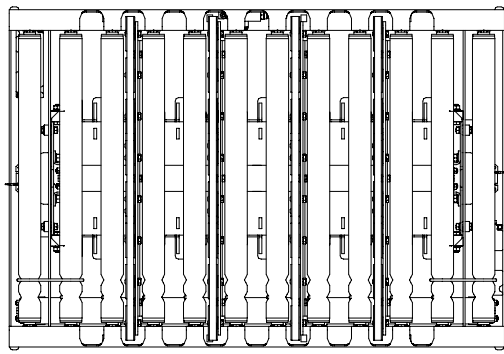
Carrying Roller Centers:

3"

Options:

Guard Rail & Supports
Hi-Speed Rollers
Transfer Belt Quantity





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