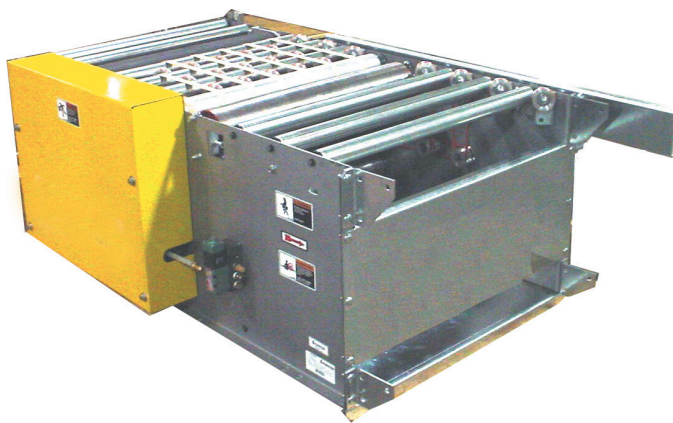


AutoSort 5 Pop-Up Wheel Sorter High Speed



Automation's 45° Pop-Up Wheel Sortation system handles a wide range of carton sizes, operates with a more positive sort rate and performs with outstanding accuracy. Modular in design. These units allow for un-paralleled sorter design flexibility. The number of divert points is limited only to the size and scope of the transportation system itself.

Sorter lengths are unlimited, providing countless diversion configurations that surpass the flexibility of almost any other sorter. The Pop-Up Wheel Sort Stations are designed to be compatible with Automation's standard belt conveyor fitted with slip top belting.

These units are designed for fast and easy maintenance. The pop-up wheel assembly can be removed from the top of the divert station. Divert wheel urethane drive belts are easily changed, and the main urethane drive belts are externally mounted for easy access. These features greatly reduce maintenance downtime and add to machine reliability.



Mechanical Characteristics

Divert Assembly

Three rows of slave driven, skewed divert wheels are mounted in a carriage get raised above the sorter plane, changing the case direction in a positive manner.

Nominal Conveyor Widths

24", 30" and 36"

Sort Rate Capacity

Up to 90 cartons per minute on Sortation Belt Conveyor running 180 – 300 feet per minute. Sort rate is dependent upon carton size and weight and system design.

Carton Weight Capacity

Up to 75 pounds, depending on sort rate and system design.

Compatible Conveyor

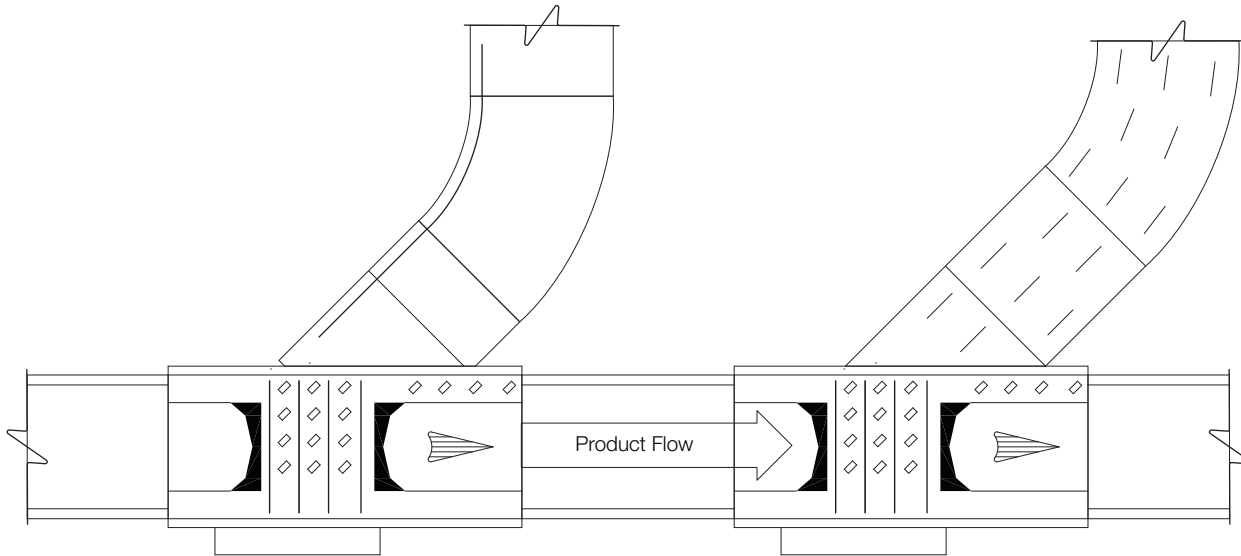
Automation high speed slick top belt sortation conveyor.

Air Requirements

Nominal operating pressure is 80 psi.

Technical Detail

Plan View



Specifications

Typical Applications

- Shipping Sortation
- Receiving Sortation

Sortation Belt Conveyor

Live Load Capacity

Up to 100 lbs/ft. depending on width, roller centers, supports, etc.

Standard Belt Widths

20", 24" and 30"

Divert Configurations

Single side divert, right or left side. Main line sort belt with individual drives can be linked together in a series to provide any number of diverts. Minimum 69" divert station centers.

Options

- Various Take-Up Options
- Guard Rail and Supports
- High Speed Bearings (standard for speeds greater than 180 FPM).
- Power Take-Off Units
- Drop Kit
- Bottom Covers
- Terminal End Covers
- Pop-Out Roller at Terminal End
- Powder Coat or Galvanized Finish