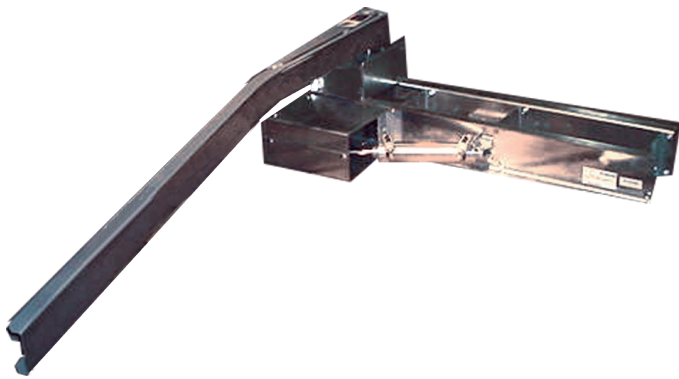


# AutoSort 3 Bow Arm Sorter Medium Speed



Automation's Bow Arm Sorter can be used as an integral sortation component in almost any conveyor system. Our high speed induction conveyor strategically gaps and places the product onto the sortation belt conveyor. The Bow Arm Diverter fires to the fully divert position prior to the carton reaching the arm and diverts the product onto a powered or non-powered 45 degree take-away conveyor. This diverter will maintain the orientation of the product from the sortation conveyor through the take-away.

The air operated Bow Arm Sorter provides flexibility and effectiveness in handling and separating a wide range of packaged goods and materials.

The medium speed bow arm sort stations are designed to be used with Automation's standard belt conveyor fitted with slip top belting, but can also be used for live roller divert applications.



## Mechanical Characteristics

**Nominal Conveyor Widths**  
24", 30" and 36"

### Sort Rate Capacity

Up to 30 cartons per minute on Sortation Belt Conveyor running 100 to 350 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

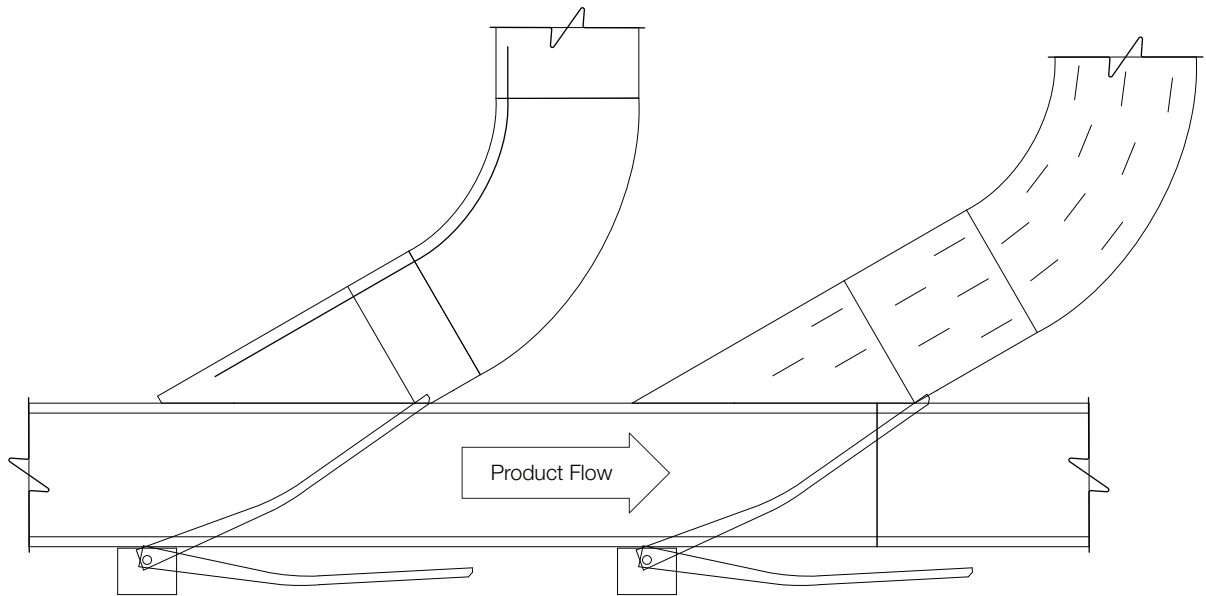
Automation high speed slick top belt sortation conveyor.

### Air Requirements

Nominal operating pressure is 80 psi.

## Technical Detail

### Plan View



## Specifications

### Control Method

Can be controlled manually or remotely to meet your specific sortation requirements.

### Typical Applications

- Shipping Sortation
- Receiving Sortation

### Sortation Belt Conveyor Live Load Capacity

Up to 130 lbs/ft. depending on width, roller centers, supports, etc.