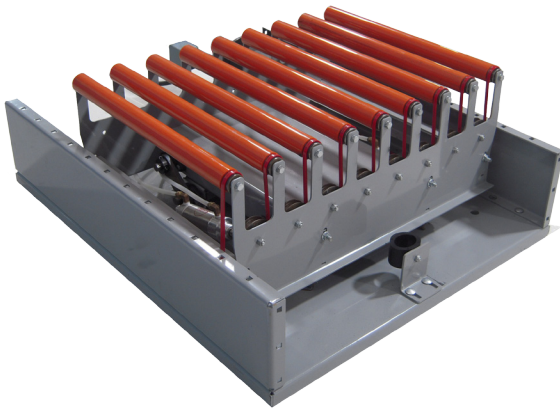


# AutoSort 17 MB90 Pop Up Roller Sorter High Speed



Reaching conveyor speeds of 300 fpm and a sort rate of 60+ cpm, Automotion's MB90 multi-belt sorter is both fast and accurate.

In lieu of one wide belt, the MB90 utilizes multiple smaller width belts to carry product. The belt tracks feature a unique rolling design; not a sliding design common in similar sortation technology. Precision bearings reduce belt pull, resulting in longer belt life, quieter operation and a significant reduction in required horsepower.

Economical use of power is also evident in the design of the divert stations. Product is smoothly conveyed along the carrying belts until it reaches a divert point. At the precise moment, a series of pop-up rollers situated between the belts, are pneumatically raised. The high-friction rollers make positive contact with the product; lift it off the belts and divert it onto a 90 degree take-away. The divert rollers are motor driven and are only actuated when necessary.



## Mechanical Characteristics

### Divert Assembly

Divert rollers, situated between the belts are pneumatically raised to make contact and lift the product off the sorter belts and onto a take-away conveyor. The rollers are motor driven.

### Nominal Conveyor Widths

18", 25" and 32"

### Sort Rate Capacity

Sort rate is 60 CPM. Actual 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

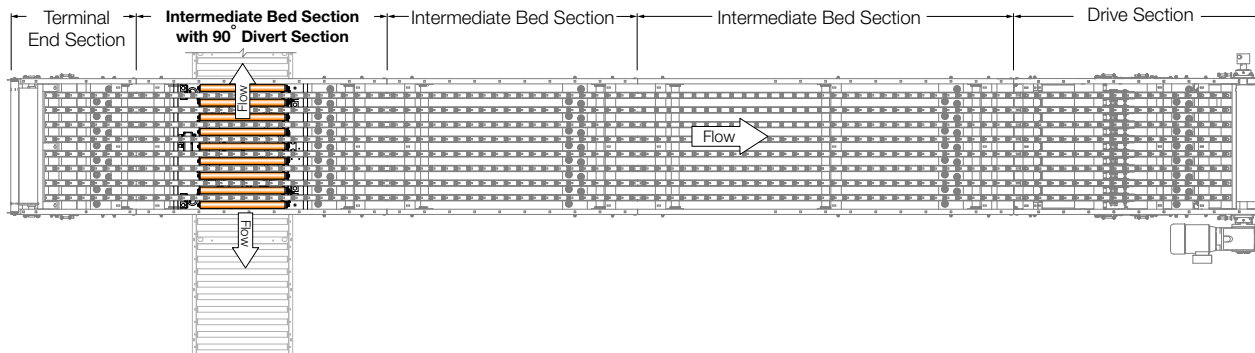
Automotion's Multi-Belt sortation conveyor.

### Air Requirements

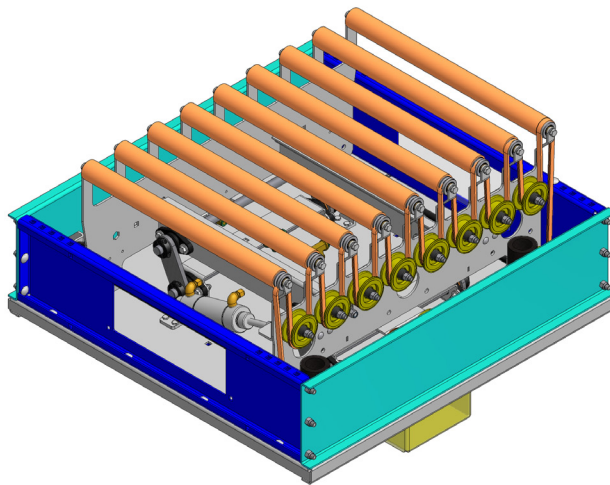
Nominal operating pressure is 60 psi.

## Technical Detail

### Plan View



### Detail View



## Specifications

Wynright's multi-belt sorter is a simple modular system composed of a drive section, intermediate beds, divert beds, and a tail section. The intermediate beds are available in sections of 24" to 120" in 6" increments. For added design flexibility, a divert bed can be easily relocated on 1" increments, maximizing your sortation capability.

### Typical Applications

- Shipping Sortation
- Receiving Sortation
- Pack Station or VAS Sortation

### Sortation Belt Conveyor Live Load Capacity

Up to 50 lbs/ft. depending on width, roller centers, supports, etc.

### Standard Belt Width 1-1/4"

### Divert Configurations

One side or two-sided divert. Divert side pre-alignment is not required.

Minimum 36" divert station centers.

### Options

- Auxiliary Take-Up
- Guard Rail and Supports
- Drop Kit
- Bottom Covers
- Terminal End Covers
- Pop-Out Roller at Terminal End
- Powder Coat Finish