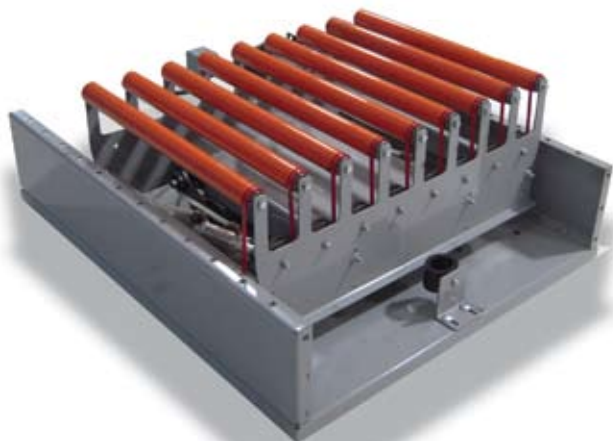




AutoSort 17 - MB90 Pop Up Roller Sorter



MECHANICAL CHARACTERISTICS

High Speed

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" & 32"

Sort Rate Capacity:

Sort rate is 60 CPM. Actual sort rate is dependant upon carton size & 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.

SPECIFICATIONS

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

FEATURES

With the ability to reach conveyor speeds of 300 feet per minute and design features that can produce a sort rate of 60 cases per minute and higher, Automotion's MB90 multi-belt sorter is a sortation solution that is both fast and accurate.

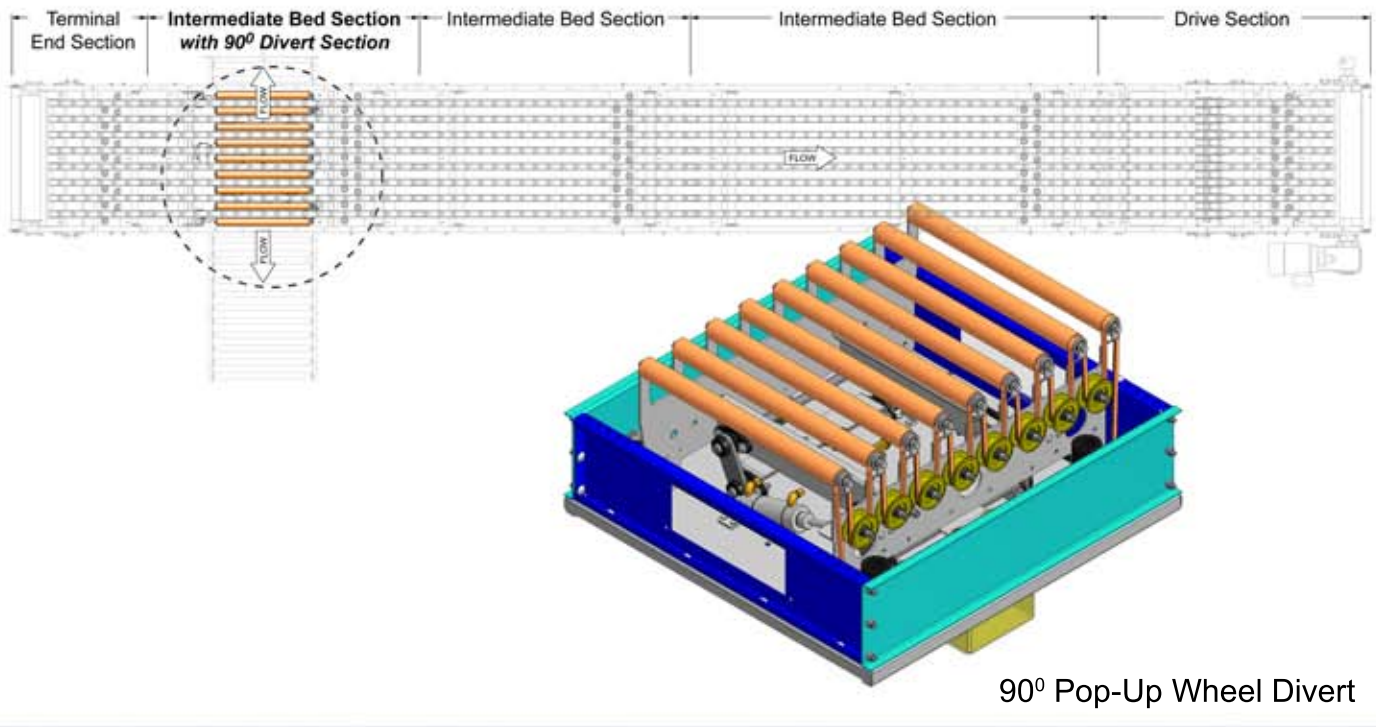
In lieu of one wide belt, this sorter efficiently transports products over the surface of multiple smaller belts. Each of these belts has an individual take-up, creating proper tensioning across all the belts.

The tracks for the belts are roll-formed and feature a unique rolling design; not a sliding design common in similar sortation technology. This "rolling" design uses ABEC-1 precision bearings to reduce belt pull. As a result, this sorter has a longer belt life, quieter operation and a significant reduction in necessary horsepower.

Economical use of power is also evident in the design of the divert stations. Product is smoothly conveyed along the entire length of the belt(s) 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; lifting it off the belts and onto a 90 degree take-away. The divert rollers are motor driven and are only actuated when necessary..

Automotion'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.

Automotion Multi-Belt Sortation System



90° Pop-Up Wheel Divert



11000 South Laverne Avenue Oak Lawn, Illinois 60453-5500
Phone: 708-229-3700 Fax: 708-229-3799
www.automotionconveyors.com
info@automotionconveyors.com