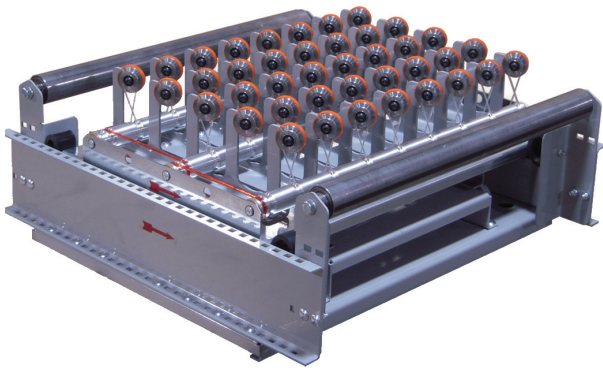


AutoSort 16 MB30 Pop Up Wheel Sorter High Speed



Reaching conveyor speeds of 350 fpm and a sort rate of 100+ cpm, Automotion's MB30 multi-belt sorter is both fast and accurate. In lieu of one wide belt, the MB30 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, five rows of pop-up wheels situated between the belts and angled at 30 degrees, are pneumatically raised. The high-friction wheels make positive contact with the product; lift it off the belts and divert it onto a 30 degree take-away. The divert wheels are powered by the main conveyor and require no additional drives.



Mechanical Characteristics

Divert Assembly

Five rows of divert wheels, angled at 30° and situated between the belts are pneumatically raised to make contact and lift the product of the sorter belts and onto a take-away conveyor. The wheels are powered by the main conveyor.

Nominal Conveyor Widths 18", 25" and 32"

Sort Rate Capacity

Up to 100 cartons per minute on conveyor running 400 feet per minute. 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

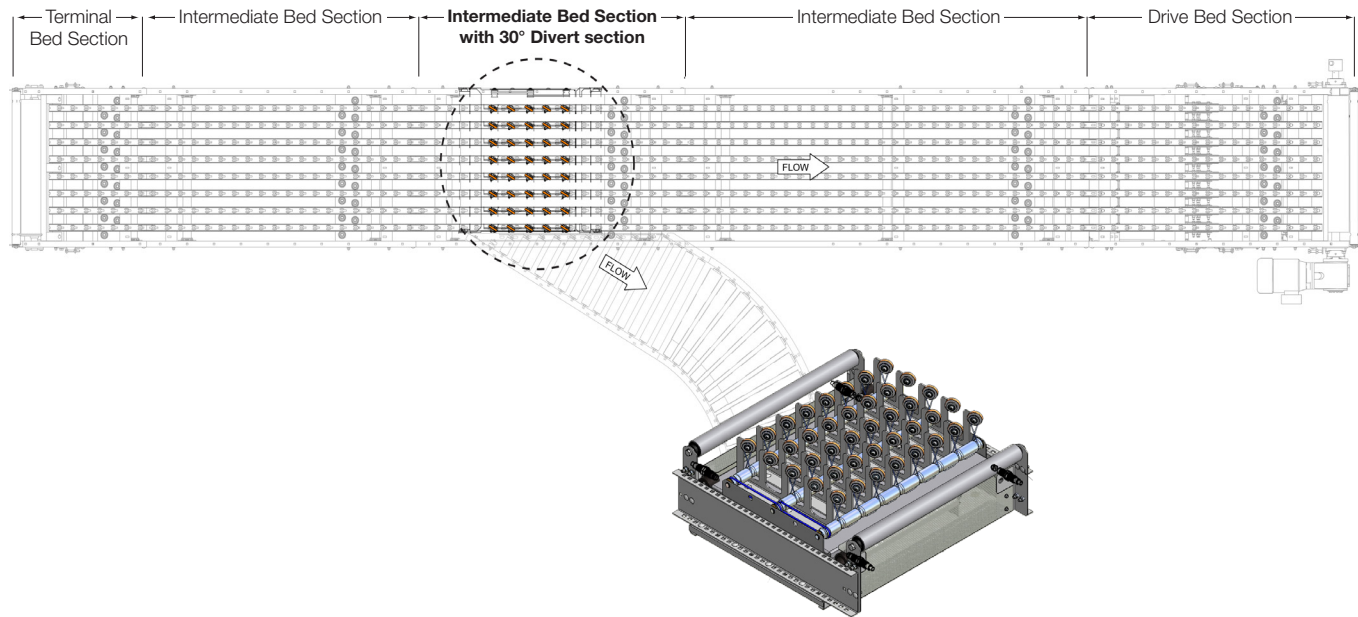
Nominal operating pressure is 60 psi.

Conveyor Solutions
AutoSort 16 MB30 Pop Up Wheel Sorter
High Speed

AUTOMOTION®

Technical Detail

Plan 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

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

Single side divert, right or left hand. Diverting to both sides is accomplished by using (2) sort stations. Divert side pre-alignment is required.

Minimum 36" divert station centers.

Options

- Auxiliary Take-Up
- Guard Rail and Supports
- Drop Kit
- Bottom Covers