

# High Speed Diverter



## High Capacity Sorter

### Lightweight & Durable

- Impact-absorbing urethane offers significant noise reduction and nearly double the life of standard steel blades

### Smooth & Quiet Operation

- Use of Variable Frequency Drives (VFD) allow for controlled acceleration and deceleration of the diverter blade

### Accommodating Design

- With a discharge motion of 90°, the sorter can handle items up to 5 feet in length

# The outstanding choice for high-capacity sorting applications

## High Speed Diverter Specifications - 0.21 sec/cycle

Plastic Diverter Blade	Blade Length	31" (787 mm)
	Blade Height	15" (381 mm)
Drive Equipment	2HP Gear Motor	6:1 reducer
Sortation Capacities	Capacity (items/hour)	7,500
	Expected Service Life	> 5 million cycles
	Typical Front-to-Front Package Gap (540 ft./min)	42" (1067 mm)
	Typical Back-to-Front Package Gap	15" (381 mm)

Information is subject to change without notice. Please contact your Fives Intralogistics representative for updated specifications and configurations.

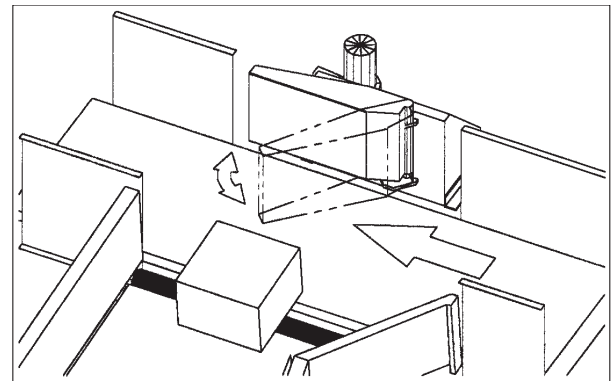
## High Speed Diverter

The High Speed Diverter features a tough, urethane plastic blade and is an outstanding choice for high-capacity sorting applications. The typical discharge motion is 90° with direction of travel on the sorter belt, allowing this diverter to accommodate items of up to 5 feet (1.54m) in length.

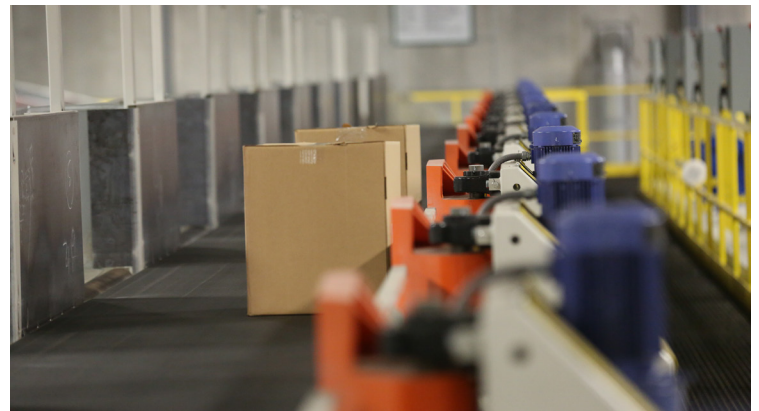
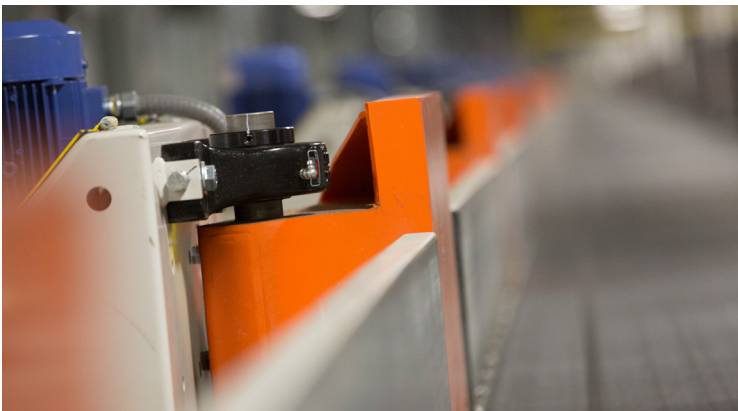
The plastic blade is produced from impact-absorbing urethane material. Because of its low weight, the blade offers significantly reduced noise control and nearly double the life of standard steel blades.

Controlled acceleration and deceleration of the diverter blade using variable frequency drive (VFD) solid-state electronics ensures many years of smooth and quiet operation.

The VFD powered unit has no mechanical brakes to adjust and requires virtually no maintenance. The outstanding starting and stopping accuracy of the VFD ensure smooth and accurate package diverting and "homebase" blade positioning.



90° discharge motion



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