SDI

CROSS BELT SORTER
SPEED | ACCURACY | SPACE EFFICIENCY

Store Distribution/ E-Commerce
Order Fulfillment / Returns Processing

PRODUCT OVERVIEW

The Cross Belt Sorter features high efficiency, low energy consumption, high speed, and low error rate at a competitive price. This sleek and efficient product can sort up to 25,000 UPH and can be used for a wide range of items such as: apparel, parcel, accessories, etc.

To achieve high efficiency and accuracy, the **infeed system** automatically scans the measurements and identification information to make sure items are inducted in a timely manner onto the Cross Belt. The narrow belt infeed system can be customized to be fully automatic, semi-automatic or manual.
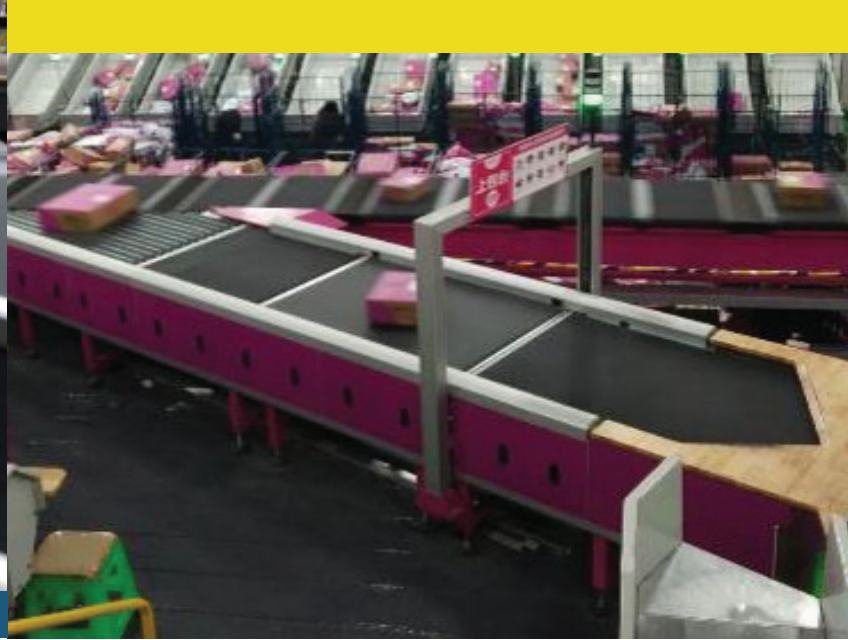
The **outfeed system** temporarily stores the items delivered by the sorter, while simultaneously capturing and displaying the related identification information of items and transmitting it to the controls system. Different types of outfeeds are available to match the diverse range of items handled. Items can be directly sorted to outfeeds such as chutes, bag racks, roll cages etc.

FEATURES:

- Linear Motor (Horizontal CBS)
- Gear Motor (Vertical CBS)
- In-motion product alignment
- Accurate infeeding of packages with different weight ranges
- Belt starts in a millisecond (for speed and accuracy)
- Simple body, installation and maintenance
- Light aluminum

ITEMS	Cartons, Polybags, Totes, Retails, Shoeboxes				
Specifications	Carriage Type	Carriage Dimension (mm)	Carrier Pitch (mm)	Running Velocity	Noise Level
Horizontal CBS	One Belt One Carrier	700*400	600	Up to 2.5 m/s	< 68db
		850*590	750		
		1200*590	800		
		1200*680	900		
	Two Belts One Carrier	800*410*2	1100		
		800*440*2	1200		
Vertical CBS	One Belt One Carrier	600*280	330	Up to 2.0 m/s	< 72db
		700*440	500		
		700*540	600		

ABOUT SDI

SDI is an innovative provider of systems and solutions to the retail, wholesale, fulfillment and e-commerce industries for all aspects of distribution center material handling.

As both consultants and systems integrators, the company provides clients with a total logistics solution package which includes material handling consulting, as well as design, engineering, fabrication, installation and integration services.

In collaboration

DAMON
Damon Simplifies Logistics

01.20

SDI

www.SDI.SYSTEMS
INFO@SDI.SYSTEMS
13000 PIERCE STREET, PACOIMA, CA 91331