



SDI

MINI TILT TRAY SORTER

SPEED | ACCURACY | SPACE EFFICIENCY

PRODUCT APPLICATION

TECHNICAL

101

E-Commerce/ Order Fulfillment
Store Distribution/ Returns Processing

PRODUCT OVERVIEW

The Mini Tilt Sorter is designed to handle small product up to 12,000 units per hour.

The compact and efficient design allows the machine to be applied across numerous industries.

The custom-designed trays are molded from plastic and engineered to accommodate the specific application.

The trays can tip left and right, enabling the user to benefit from a high concentration of sort destinations in a small space.

The trays are mounted to a standard chain on 12"-centers. The machine can be used with manual or automatic inductions, and it offers an economical and flexible solution for sorting small items at high rates.

SORTABLE ITEMS

- Pharmaceuticals
- Games, CDs, DVDs, small boxes
- Books, mailers, (small packages/envelopes)
- Jewelry/ watches/ eyewear

FEATURES

- Standard software package
- Detailed reporting
- PC-based controls package
- Distributed IO modules
- Single-sided or double-sided diverts
- 12,000 trays per hour
- Tray size: 10.5" x 11.5"
- Max product weight: 3 lbs.
- Tray actuation is pneumatic
- Molded trays can be custom designed to suit product type
- Noise level below 75 DB





BENEFITS

- Automatically sort individually-packaged products and products with bar codes
- Dramatically reduce manual labor costs associated with sortation
- Distributed IO allows simple troubleshooting
- Simple machine design results in easy maintenance
- Increased accuracy
- Decreased processing time
- Compact design results in using less distribution center footprint

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, design, engineering, fabrication, installation and integration services.

Actualizado 4/16/19