

S-3000DT

Double Tray Sorter



The S-3000DT Double Tray Sorter combines the high availability, and exceptional layout flexibility in a sortation system designed for customers who require extremely high capacity. Developed according to the principles used for the S-3000 Tilt Tray system, the S-3000DT has two independently controllable trays per cart, each tilting to its respective side, effectively doubling the throughput of a single tray system. This results in a sorting system with exceptionally high capacity while occupying a minimal amount of floor space.

Backed by the sorting knowhow and experience of Crisplant, the S-3000DT is the answer for high capacity material handling system needs with precise sorting requirements. Along with the flexibility

of the mechanical design, the S-3000DT utilizes a non-proprietary control system for maximum versatility. The tray pitch can be custom configured for each specific application.

With more than 1100 sorting systems installed worldwide, Crisplant is the industry leader in high-speed sortation, catering to all types of distribution requirements. S-3000DT systems are used within a broad spectrum of applications including postal facilities, parcel distribution and warehouse and distribution facilities.

FEATURES >>

- Two independently controllable trays per cart, each tilting to its respective side, effectively doubling the throughput of a single-tray system
- Non-contacting linear drive system eliminates wear on the drive system
- With thousands of inductions commissioned, Crisplant has the most proven induction algorithms to ensure accurate loading of product
- Modular frame and cart design to reduce the amount of time required for commissioning and layout changes

BENEFITS >>

- A sorting system with an exceptionally high capacity while occupying a minimal amount of floor space
- Durable tilt mechanism design with low wear components
- Wide assortment of induction options from manual through fully automatic
- Widest selection of chute designs that can be tailored to meet specific application requirements

Specifications

Sorter velocity: Linear motor driven up to 2.1 m/s (413 ft./min.).

Noise level: 67 dB(A).

Tray pitch: 350 mm (13.8 in.) minimum, 750 mm (29.5 in.) maximum.

Maximum item length: 555 mm (21.9 in.).

Maximum item width: 530 mm (20.8 in.).

Maximum item weight per tray: 25 kg (55 lb.).

Incline: up to 10° in both straight and curve sections.

Temperature range: -5°C (23°F) to +50°C (122°F). Extended range possible with the addition of special heating and/or cooling elements.

All measurements are approximate.

