



# SDI

## TILT TRAY SORTER

SPEED | ACCURACY | SPACE EFFICIENCY

PRODUCT APPLICATION

TECHNICAL

# 109

Store Distribution / E-Commerce  
Order Fulfillment / Returns Processing

### PRODUCT OVERVIEW

Tilt Tray Sorters from SDI fast, versatile, quiet, and simple to use when sorting a variety of products including: poly bags, DVDs, small and large corrugated boxes. Tilt Tray Sorters are used for order assembly, outbound shipping, and return goods. The Tilt Tray hardware utilizes field-proven devices designed to operate quickly and efficiently throughout any type of sorting process.

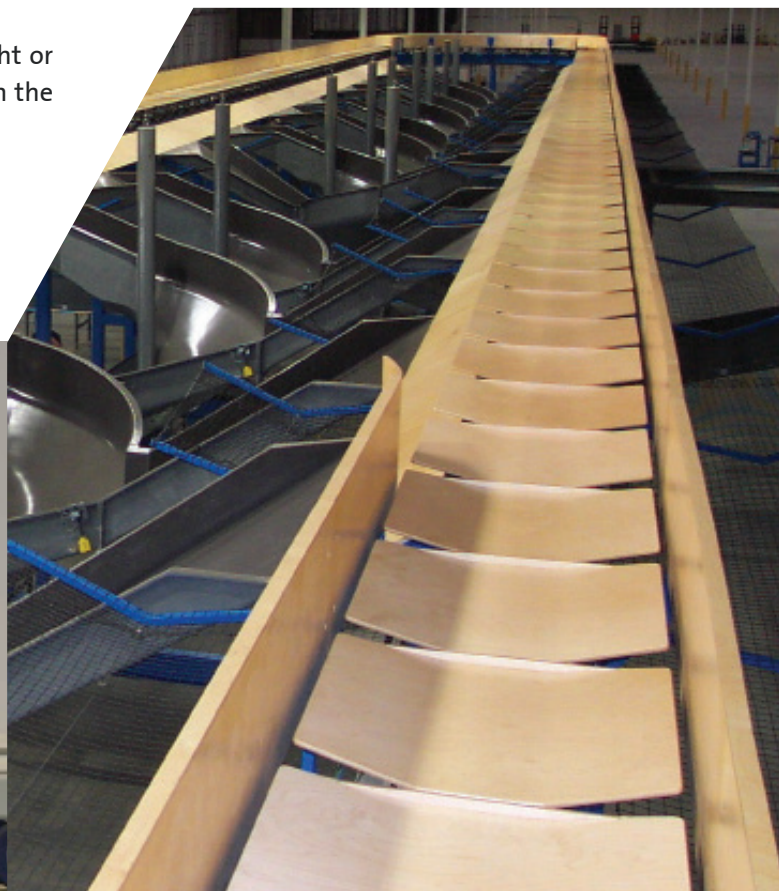
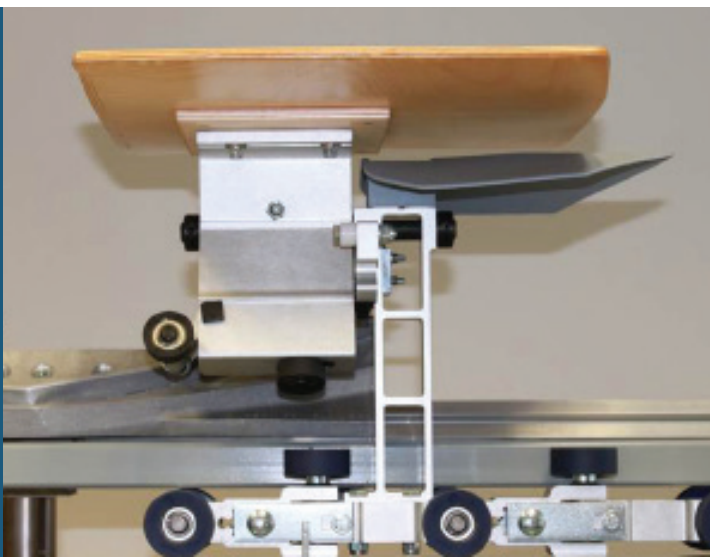
Couple with SDI's induction unit(s), supplied controls and software, tilt tray sorters are some of the longest-lasting, most efficient and flexible means of sortation in the distribution industry.

**Carriages & Trays:** Carriages can tip to the right or left. The lubrication free carriages are locked in the upright and tipped position.

**Tilting Devices:** All tilting devices are equipped with electric solenoids and guides to control the tipping.

**Tilt Tray Drive:** Simple, efficient, easy to maintain tilt tray worm drives. Worm drives are gauged every 120 carriers.

**Chain:** The aluminum chain has universal joints so the chain can bend in both horizontal and vertical planes. The chain does not require lubrication.





#### RE-CONTROL SYSTEM FEATURES:

- Laminated Trays
- Electric Solenoid
- 2.2 m/s
- Tray Pitch

#### 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.

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