

Compact Slide Tray - CST

The ultimate solution for B2C e-Commerce products sorting

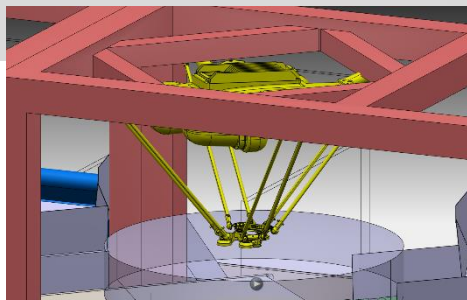
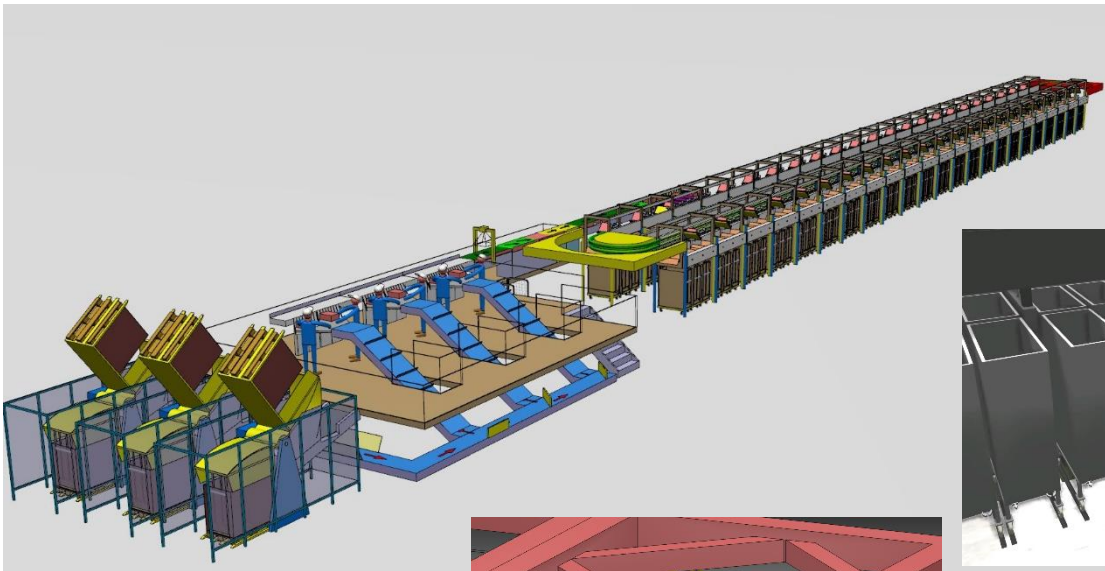
High-throughput, high level of automation, compact footprint and smart process, enabling to multiply sorting directions.



CST (Compact Slide Tray) is specially designed for sorting and preparing delivery routes of **small and medium-size packages**, particularly from B2C/e-Commerce. Original and innovative, is based on:

- A fast (14,000 pph) and compact (132 directions in 200 sqm) sorting equipment
- Infeed available in manual, semi-automatic or fully automatic (picking robots) mode
- Products sorted in rolling cages, bags or trays.
- A fleet of mobile robots Soly™ carrying out the automatic handling of containers
- Part of the products can automatically be processed twice, thus enabling to sort into a higher number of destinations.

CST can also integrate an embedded automatic “reader” for delivery address recognition, especially designed for the addresses of products coming from Asia, sometimes complex to decrypt.



VALUE PROPOSAL

- The most compact and ultra-fast machine: a setup with 100 outputs in Roll Cages or 132 in bags fits in 200 sqm. Configurable up to 360 directions, I or L shape
- Perfectly adapted to the sorting and delivery preparation of objects from e-commerce
- Outputs compatible with all types of containers (bins, bags and rolling cages)
- A larger number of sorting directions using multi-pass sorting
- Manual, semi-automatic or fully automatic infeed with robotic pick and place.
- Outputs : automatic handling of the containerization thanks to mobile robotics Soly™ up to automatic management of multi-pass sorting and truck loading

Easy connection to existing systems (handling, address reading, IT).



TECHNICAL CHARACTERISTICS

CST

Throughput	14,000 pph
Parcel size	Up to 350*400*200 mm
Weight	Up to 5 kg
Carrousel speed	2 m/s
Product type	B2C/E-commerce, import and national flows

Soly™

Speed of movement	Configurable (e.g. 1.20m/s)
Load capacity	Up to 200kg
Battery	Autonomy : 8h, automatic replacement and loading
Security	Safety Lidar, ultrasonic sensor
Precision of movement	≤1cm