

Multi-Sorter™



The Multi-Sorter concept is based on an electrically driven Cross-belt sorter with a combination of high capacity flatfeeders for flats and letters and automatic package & parcel induction units.

The Multi-Sorter concept includes a destination system which ensures sorting directly into all known transport media, e.g.: Totes, Containers, Roller containers (ULDs), Sacks, etc.

The system is designed to handle flats, packages and bundles, which at the same time are being fed into the system from different types of load carriers. Due to the huge variety of items regarding type, size and shape, different designs of in-feed stations are used for loading the items into the sorting machine. The system is able to operate with all types of infeed stations and product types at the same time.

The system has a capacity of more than 22,500 items/hour. The control & information system includes image capture and barcode reading etc.

FEATURES >>

- Highly flexible solution, which can handle all kinds of mail (letters and parcels) - in the same system
- Sorting of up to approx. 80% of all restmail (items not sortable in existing letter, large letter or flats machines)
- Handles everything from small items stacked perfectly in totes to parcels sorted directly into containers
- Giving an average footprint of only 70 m x 15 m (23.1 ft x 49.5 ft), a Multi-Sorter system can fit in to almost any parcel sorting facility

BENEFITS >>

- Highly flexible sorter system combining conventional letter and flat sorting technology with parcel sorting technology
- The system offers both manual and automatic induction for parcels, packages, bundles and sacks as well as flat feeders for flats and letters
- State-of-the-art Cross-belt sorter with a capacity of 22,500 items/hour and a sorter velocity of 2.5 m/sec (8.2 ft/sec)
- Capable of sorting directly into all known transport media, e.g. totes, containers, ULDs, sacks etc

Specifications

Cross-belt sorter:

- Cross-belt pitch 400 mm (16 in)
- Capacity of more than 22,500 items/hour
- Sorter velocity up to 2.5 m/sec (8.2 ft/sec)
- Linear electric motor

High speed flatfeeder:

- Capacity of +8.000 items/hour
- Mail size from 5 to 10 kg (11 to 22 lbs)

Induction stations:

- Capacity of 3,040 items/hour

Destination system:

- Totes, Containers, ULDs, Bags etc.

Control & information system:

- Barcode reading & labelling
- Image capture
- OCR scanning
- Video coding

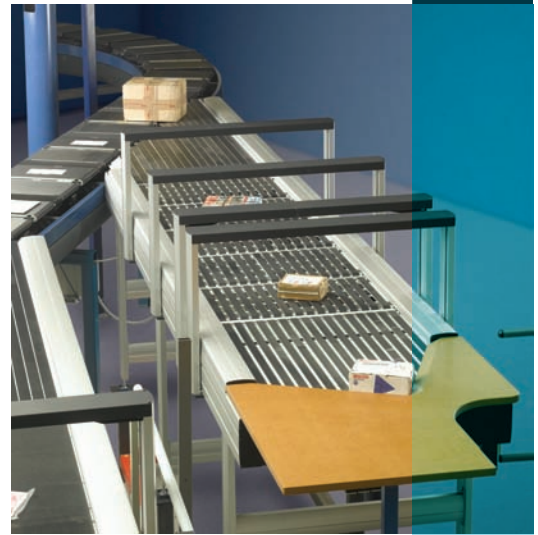
Flexible high capacity system.

Small footprint in average of 70 m x 15 m
(23.1 ft x 49.5 ft).

High availability.

Based on well-known technology.

All measurements are approximate.



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