

TREBLE-LAYER SORTER

For distribution center with insufficient space but high sorting demand, a three-dimensional sorting system with three or four layers can also be customized to ensure efficient operation of the hubs.



Advantage: unlock more space and speed — efficiently maximizing every square foot.

TWIN CELL SORTER

For those delivery points with a large quantity of large parcels, twin cell sorters are more suitable to use. The carrier structure is composed of two independent carriers linked to navigate the sorting of large and small parcels concurrently.

Advantage: sorting large parcels with ease



AN EXPERT ON AUTOMATIC SORTING SOLUTIONS

Genye is a high-tech enterprise that integrates R&D, production, sales, and service of intelligent sorting equipment for logistics and express delivery industry. We have various equipments such as cross-belt sorter, linear sorter, multi-belt sorter, singulator, automatic induction, etc.

Parameters

LOOP CROSS-BELT SORTER			
Types	Single-layer sorter	Treble-layer sorter	Double-layer twin cell sorter
Sorting efficiency	15000-30000pph	45000-90000pph	20000-40000pph
Speed	2-2.4m/s	2-2.4m/s	2-2.4m/s
Parcel dimensions	L100*W100*H10mm - L420*W650*H400mm	L100*W100*H10mm - L420*W650*H400mm	L100*W100*H10mm - L1000*W650*H400mm
Weight	0.05-10kg	0.05-10kg	0.05-30kg

Total Projects **4000⁺** Global Branches **20⁺**

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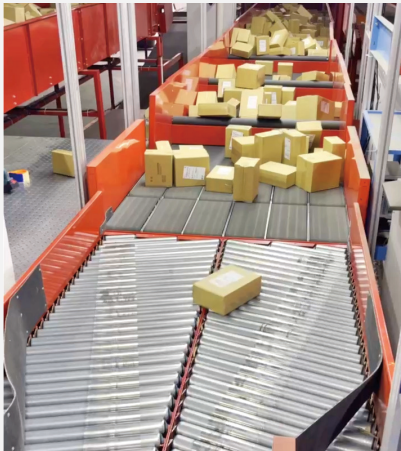
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SINGULATOR & DE-STACKER

The system utilizes upper and lower conveyors operating at different speeds and varying heights to achieve the de-stacking function, separating disorganized multipiece items in the initial section using a single inter-separator.



Technical Indicators	Parameters
Sorting efficiency	6000-10000pph
Speed	2-2.5m/s
Weight	0.05-50kg
Parcel dimensions	L100×W100×H50mm- L1000×W1000×H700mm
Overlap removing rate	99.5%
Package type	Parcel, bag, pallet, box

MULTI-BELT SORTER

Multi-belt sorter is a special type of linear sorter in compatibility with the sorting of large and small items. In this way, this product is able to make placement less difficult, and improve recognition accuracy.



Technical Indicators	Parameters
Sorting efficiency	6000-8000pph
Speed	≤2.0m/s
Weight	0.05-50kg
Parcel dimensions	L100×W100×H1mm- L1200×W800×H700mm
Barcode reading rate	99.7%
Pitch	200mm / 300mm



FULLY-AUTOMATIC INDUCTION

Fully Automatic Induction: Parcels are seamlessly and accurately transported to sorting equipment through multi-belt sorter or steerable wheel sorter. Throughout this process, barcode reading, weighing, and volume measurement are automatically completed.

Advantages

- 1 HIGH EFFICIENCY
- 2 LOW LABOR-COST
- 3 HIGH ACCURACY
- 4 MINIMIZED PARCEL DAMAGE

