

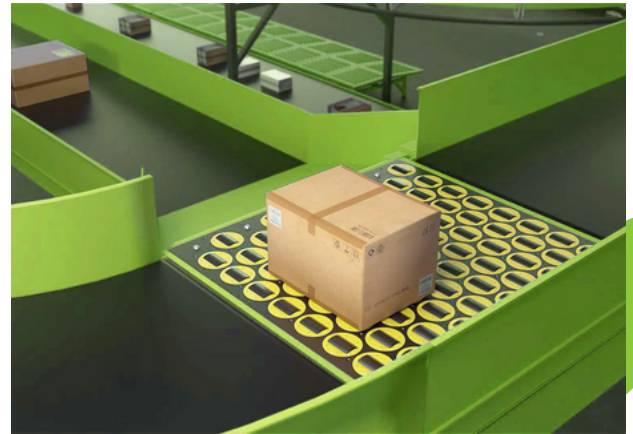
Flexible Sortierung von großen  
Paketen



# Sorter

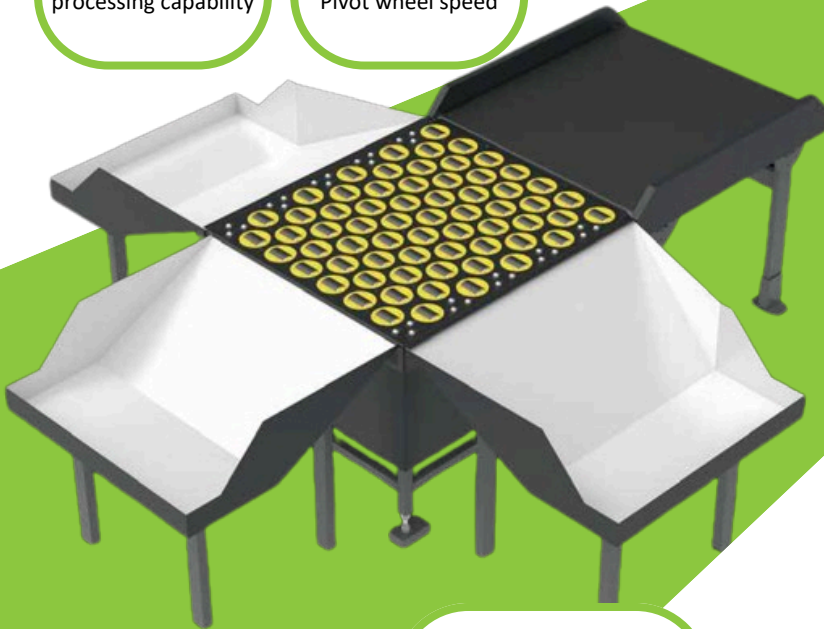
## PIVOT WHEEL SORTER

The XPROMA Pivot Wheel Sorter is a guide wheel sorting device, and is mainly used for sorting parcels such as large woven bags, flexible packaging parcels, and cartons.



6000 pcs/h  
processing capability

2 m/s  
Pivot wheel speed



30 kg/m<sup>2</sup>  
Dynamic load of  
2D bulk flows

### Heavy load transportation

The Pivot Wheel Sorter's dynamic load is up to 30 kg/m<sup>2</sup>, greatly reducing manpower and improving sorting efficiency.

### Efficient sorting

The Pivot Wheel Sorter is applicable to parcel sorting in the automated sorting system, with a sorting efficiency of up to 6000 pph.

As a stand-alone module, the Pivot Wheel Sorter can be used in combination with conveyors and can be deployed anywhere at the conveyor line.

### Gentle sorting

There is no need to turn over the tray or tilt parcels at a large angle to unload, and the fragile items can also be easily sorted.

### Flexible deployment

The Pivot Wheel Sorter can be used in combination with belt conveyors and roller conveyors to transport and sort the materials.



# X PROMA

## 2D BULK FLOW SINGULATOR

The Wayzim 2D Bulk Flow Singulator Vision System uses the WZ-GE industrial camera as its core and combines Wayzim's image processing and deep learning technology developed in-house to accurately locate parcels in real time.

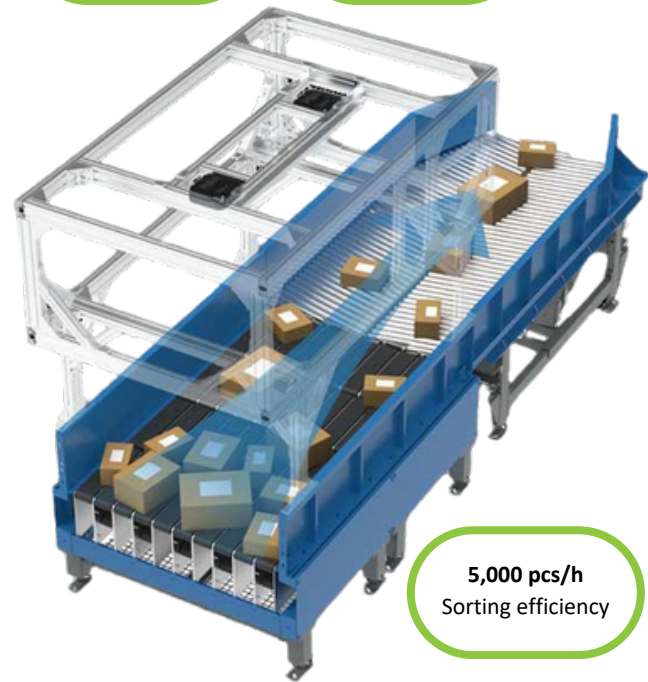
In addition, the system uses different control units to automatically singulate, gap, and align parcels through the software linkage control system, so that the disorderly parcels can be aligned into a single row according to the specified gap and enter the subsequent automated sorting equipment in an orderly manner.

**Automatically sort ordinary parcels and express parcels**

## FAST SORTER S4

**Efficiently singulate parcels, with an increase of sorting efficiency higher than 80%**

**Barrier-free recognition of all types of parcels**



≥1.5 m/s  
Running speed

≥99 %  
Recognition accuracy

5,000 pcs/h  
Sorting efficiency

- Easy sorting of ultra-thin parcels
- Barcode scanning, weighing, and dimensioning
- Multiple sorting locations for efficient sorting



8N-m  
instantaneous  
maximum torque

RS-485  
Communication  
standard

30 kg  
Maximum  
conveying capacity

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