



# WS

## Wheel Sorter

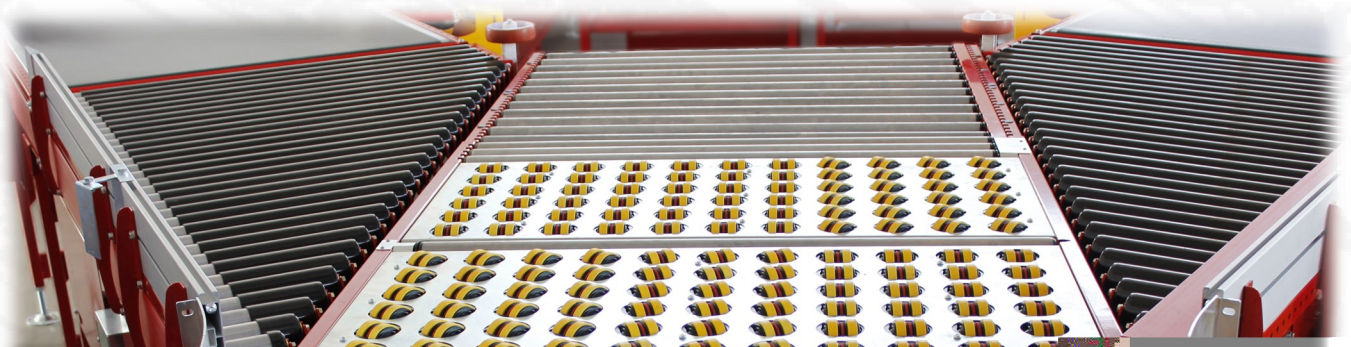


The automatic sorting of packages represents a key step for operational centers, especially those with high productivity and complexity.

**WS (Wheels Sorter)** allows to treat packages particularly light, such as envelopes but also boxes, containers and bags.

WS is particularly indicated thanks to its compact sorting system.

In fact, the integration of several WS modules in series, allows to use dozens of sorting modules for a long line or for a very contained one, according to our customers needs





## Advantages

**WS** allows a quick deviation at 90° or 30°, even in limited spaces.

Before being loaded, parcels are identified and cadenced in the required order to reach the maximum productivity.

The ease of maintenance and low price make WS a product suitable for every need.

**2-3 SORTING WAYS**

**PRE-SORTER, MERGER  
AND ALIGNER**

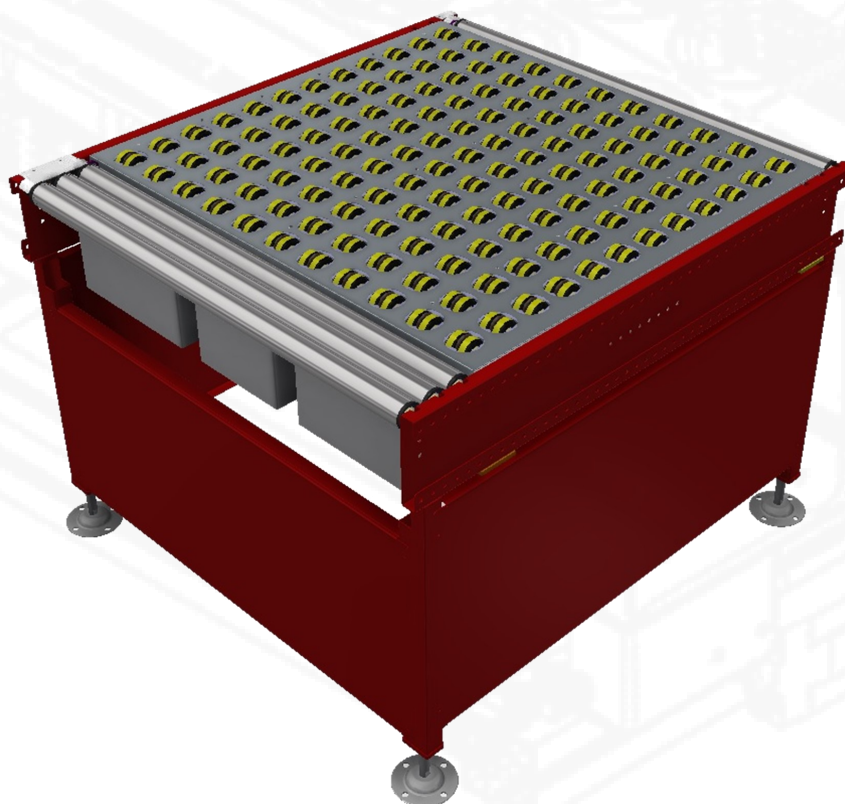
**3000 PPH  
SORTING CAPACITY**





## Technical Data

- ♦ Ø 50 mm rubberized wheels assembled on a rotating support
- ♦ Galvanized steel frame with protection carters
- ♦ Wheels pitch: 78 mm
- ♦ 0.5 Kw motor for wheels rotation
- ♦ 45°/30° sorting angle with pneumatic cylinder
- ♦ N°2 24 V electrovalves
- ♦ Capacity: 0.5 - 50 kg/mt
- ♦ Adjustable speed with inverter: from 0.67 to 1.5 mt/s
- ♦ Gearmotor: Motovario or SEW  
Max sorting angle: +- 45°
- ♦ Noise level: 67 dB
- ♦ Pneumatic power: 6 bar
- ♦ Compressed air consumption: 0.5 l/cycle







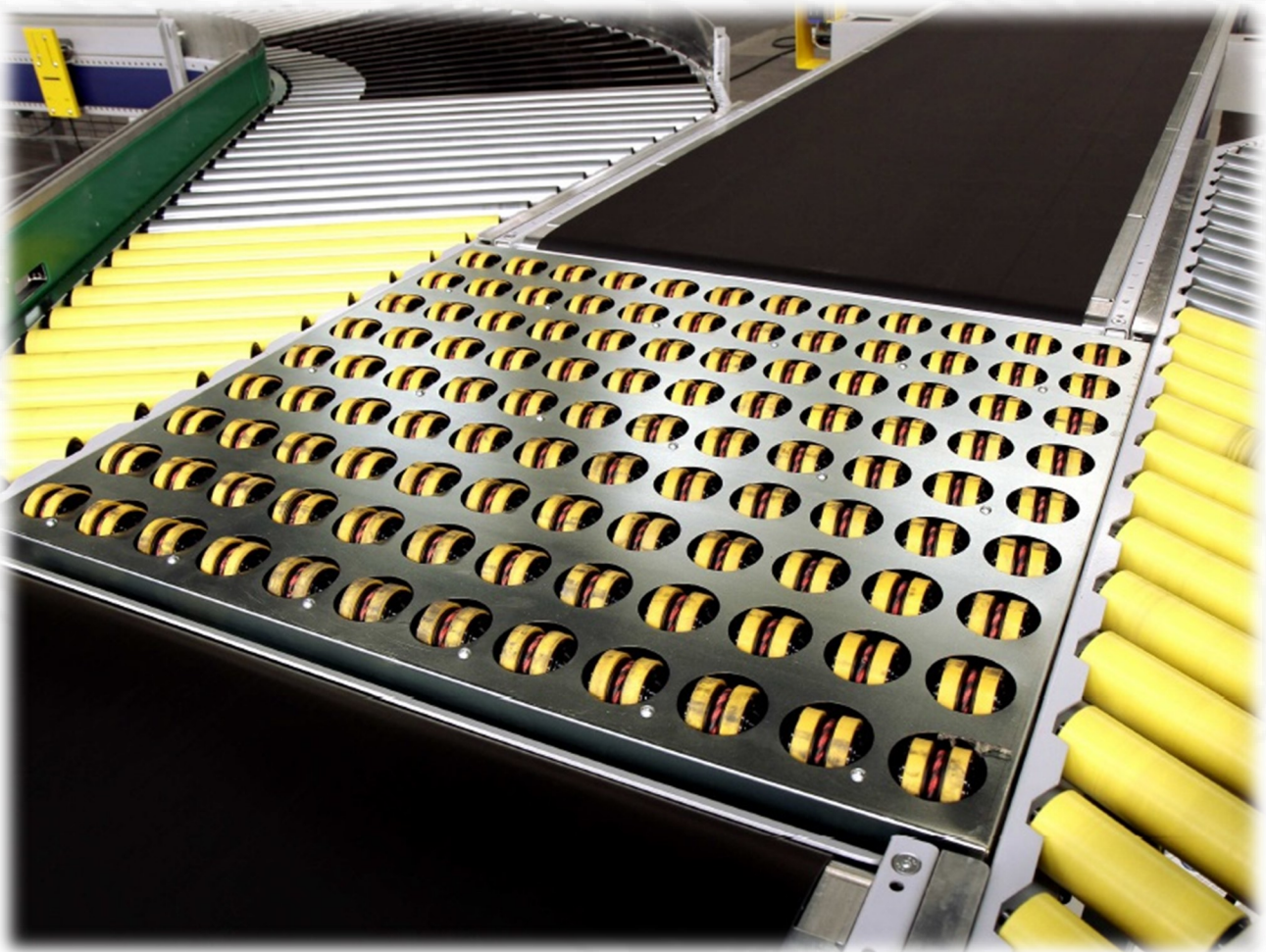
# Applications

**Warehouse**

**Postal Center**

**Express Courier**

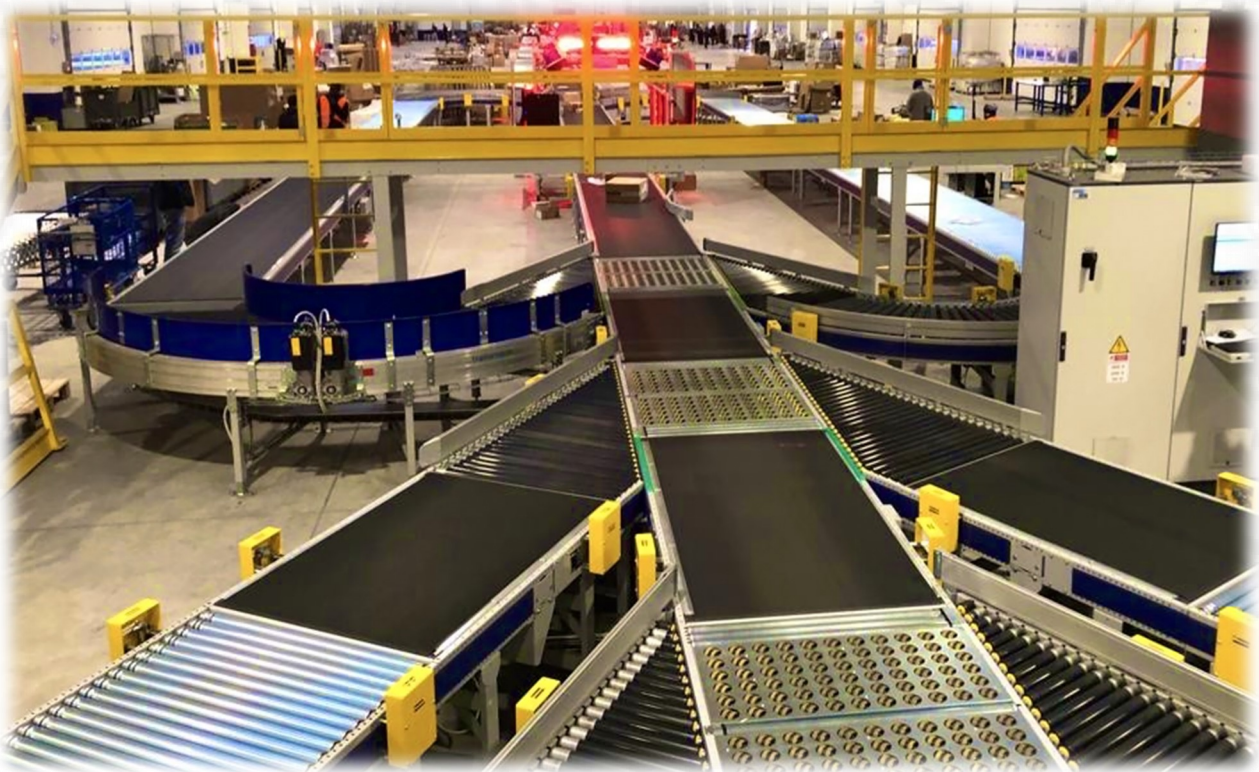
**End-of-line/packaging**





# Limitations

- ♦ Conveyable objects size:  
Max. (L x W x H): 1400 x 700 x 800 mm  
Min. (L x W x H): 150 x 150 x 20 mm
- ♦ Conveyable objects weight:  
Max. 50 Kg  
Min. 0,25 Kg
- ♦ Non-conveyable:
  - Spherical objects
  - Parcels with protruding parts
  - Flammable or corrosive materials
- ♦ Environmental condition of use:
  - Temperature: drom -5° to +40° C
  - Humidity: max. 80%





#### **HEAD OFFICE**

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