Automatic sorting of parcels and flyers is a fundamental step for centers of operations, most of all those one with high or medium output and very complex processes.

Onesorter allows to sort very light packages like, for example, flyers, boxes and bags. It is highly recommended for the layout that need to fit in a small space. The combination of more Onesorter modules permits to use dozen of sorting exits, very close one other.

**Features**

- Up to 3 ways sorting
- Can be used as pre-sorter, merger and aligner
- Sorting capacity up to 4,000 parcels/h

**Conveyable items dimensions:**

- Length 150 — 1400 mm
- Width 150 — 700 mm
- Height 20 — 800 mm
- Weight 0,10 — 50 kg
**Advantages**

Onesorter permits to create a quick flux diversion both of 90° and 30°, making easy the sorting process also in small spaces.

Before the loading, the parcels are identified and paced at the necessary time to obtain maximum productivity.

Moreover, the easiness of the maintenance procedures and the small price make Onesorter a product suitable for every need of your company.

**Available versions**

30° and 90° sorting, compared with the main direction of the flux.

Aligner modality.

**Compatible products**

- **PACKMASTER**
  
  Built to measure weight and volume, Packmaster can read barcodes and check the 100% of the treated parcels.

- **HFS**
  
  Allows to perform a fast and safe perpendicular diversion. Can be combined with Onesorter when used in aligner modality.

- **AO ROLLER CONVEYORS**
  
  Suitable for light handling of boxes, parcels, bags and flyers, the AO class roller conveyors are motorized and can be used for the transport in plan.

**Fields of application**

- Post offices
- Express couriers
- End-of-line systems
- Warehouses

**Customer service**

FBA’s team is made of qualified and well motivated professionals. Spare parts are always available, intervention times are short, FBA is always ready to meet the needs of the clients. The reliability of machines and the completeness of the installation and maintenance manuals give a sense of serenity to our customers.

We offer preventative maintenance contracts tailored on customers’ needs, created around each company necessity.
Main features

Nylon rubber wheels (Ø 50 mm) mounted on a turning table.
Zinc-plated frame, protected by carter.
Pace between wheels: 78 mm.
0,5 kW motorization.
45° or 30° radius of rotation.

Technical data

Max. sorting capacity: 50 parcels/min.
Load capacity: 0,5 - 50Kg/m.
Adjustable speed through inverter: from 0,67 to 1,5 m/s.
Motoreducer: Motovario or SEW.
Electric Supply: 3 Phases - 400V/50Hz.
Wheels Max. radius of deviation: ± 45°.
Max. noise: 67dB.
Pneumatic supply: 6 bar.
Compressed air consumption: 0,5 l/cycle.

Limitations

Conveyable items dimensions:
• Max (L x W x H, mm): 1400 x 700 x 800
• Min (L x W x H, mm): 150 x 150 x 20
Conveyable items weight:
• Max (kg): 50
• Min (kg): 0,25
Non conveyable items: spherical items, protrusive shaped items, inflammable or corrosive material, items with height/diagonal basis ≥ 2, irregular bottom parcels and sacks.

Aim

2-way or 3-way diverter on roller conveyors or slides (boxes, parcels, envelopes).
Sorting capacity: up to 3000 parcels/h.
Dimensions and views
Length, LN: 640 - 840 - 1040 mm
Width, L: 1792 mm
Length, W: 1072 mm
Height, H: 690 mm

Environmental restrictions
Working environment: post offices, express couriers, end-of-line systems, warehouses.
Environment temperature: from -5°C to +40°C.
Humidity: Max. 80%.

Finishings
Exterior item with electrolytic galvanized cover (width 5 mm).

Options and accessories
30° or 90° sorting.