



INDUSTRY-LEADING Split Tray Sorter

- ★ FOR ALL INDUSTRIES
- ★ UP TO 34,000 PER HOUR
- ★ SINGLE & DUAL TRAYS



COMBINE SORTING AND COLLECTING



The Split Tray, Flat Tray, or Bombay Sorter. Different names, same versatile sorter. International success and proven technology in e-commerce, fashion, retail, post & package, and more. The ideal high throughput single-item sorter suits a wide range of products. Flawless (24/7) sorting both inbound, outbound and returns. Let's explore its' exceptional features!

Fashion & Accessories

Post & Parcel

Consumer Goods

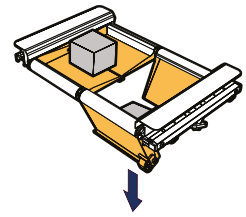
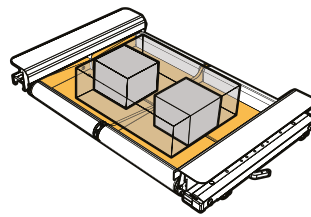
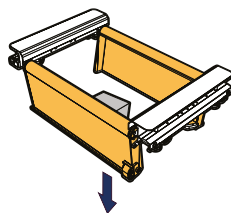
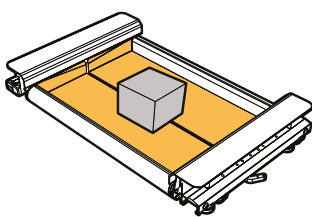
Pharma

Media Distribution

High throughput

The Split Tray comes in the 'Single Split Tray' and the 'Dual Split Tray'. The capacity ranges from 2,500 to 34,000 units per hour (depending on the item's size, weight, shape, etc.). The synchronized tray mechanism allows items to discharge completely vertically. This makes it possible to stack products in a box or container.

Specifications



Single Split Tray Sorter

Capacity	Max. capacity induction area(s) 1 induction area 8.640 trays/hour 2 induction areas 17.280 tray/hours*
Speed	up to 1.2 m/s
Weight	min. 0.05 kg / max. 10 kg
Size	Min. 50 x 50 x 1 mm Max. 475 x 550 x 200 mm
Tray dimensions**	400 x 600 mm 500 x 600 mm

Dual Split Tray Sorter

Capacity	Max. capacity induction area(s) 1 induction area 17.280 trays/hour 2 induction areas 34.560 tray/hours*
Speed	up to 1.2 m/s
Weight	min. 0.05 kg / max. 15 kg
Size	Min. 50 x 50 x 1 mm Max. 475 x 750 x 200 mm or max. 375 x 950 x 200 mm***
Tray dimensions**	400 x 300 mm 400 x 400 mm 400 x 500 mm 500 x 400 mm

For higher capacity and detailed specifications, please contact us.

*At max. speed of 1.2 m/s and setup as two virtual sorters. System capacity may vary due to different setup configurations.

** Other sizes available on request.

***Combined trays and depending on the tray dimensions

Sorting all shapes

These days, items and packages come in all shapes and sizes: round, cone, cylinder, flat, thin, etc. The Split Tray carriers are designed to enclose items on all four sides. This prevents “moving” items from dropping off the sorter during transport and in turns. This saves precious time wasted on retrieving and hand-sorting these articles afterward.

Small footprint, flexible layout

The Split Tray is very flexible when it comes to layout options. Infinite length left and right turns, and elevation changes allow for a large sorter on a small footprint. EuroSort sorters are designed to maximize the number of destinations with the smallest footprint. This allows you to optimize brownfield situations, as well as greenfield projects. The more destinations available on a small footprint, the more efficient (lower costs) your process.

Low noise, happy operators

The health and happiness of the operators is of great concern to us. The materials we use in all moving parts are very deliberately chosen, to keep noise levels at a minimum. The result is an extremely quiet sorter (60dB(A) - 67dB(A)). This means operators can work on our Split Tray Sorter without any hearing protection. Low noise also means less wear and tear and as a result a very low TCO on operations.



THE EUROSORT SPLIT TRAY SORTER

“Compared to other unit sorters, this sorter can result in 50% space savings or a 50% increase in pickbatch size”.

Perfect sorting through perfect simplicity.

The Main Drivers:



HIGH EFFICIENCY

Savings on people. The first thing you will notice running a sorter: fewer people can do much more work. Sorting will go faster, better, and more efficient. The picking process becomes less labour intensive, and your error margin will drop to zero. Understaffing and finding the right people will be less of a challenge.



LOW ENERGY CONSUMPTION

Savings on energy. It is all in the details. We strive to keep the energy requirements of our sorters as low as possible. We prefer our durable mechanical solutions over electronic or pneumatic components. Our patented wheel guidance systems, for instance, are designed to have minimal friction. Mechanical solutions are less sensitive to faults and demand little or no energy. This also contributes to low energy consumption and a smarter use of energy.



LOW MAINTENANCE

Savings on operational & service costs. Our sorters are designed to run smoothly 24/7. In case of a rare breakdown, repairs are on a DIY level. In most cases there is no need for specialized technical staff, so downtime is kept to a minimum. With a daily/weekly checkup and cleaning, overall maintenance is only required once or twice a year. On request, there is a dedicated 24/7 hotline available for software problems, that can be called at all time. In short: enjoy maximum uptime and minimal costs.



QUICK ROI

Earnings on automated sorting. Your ROI starts as soon as your sorter is up and running. We can provide you with an ROI pre-scan to help you decide which sorter will suit your business best. Both in the short and in the long run.

TESTIMONIALS

At EuroSort, we take pride in delivering top-notch sorting solutions that improve logistics operations. Here's what some of our clients have to say about their experience with our Split Tray Sorter:

“

Jim Young, The GAP

During peak periods, workers were able to pack 125,000 units per day. It took four times as many people as it would if a machine was involved, one of the older machines called a Tilt Tray, for instance, had a 98% accuracy rate at dropping products into the right chute by tilting to the left or right. While 2% doesn't seem like a big deal, it ends up being very expensive when you consider the millions of orders Gap processes every year. Jim was able to get a newer device called a Split Tray Sorter (Bombay Sorter) that has a 99.9% accuracy, which avoids thousands of returns...

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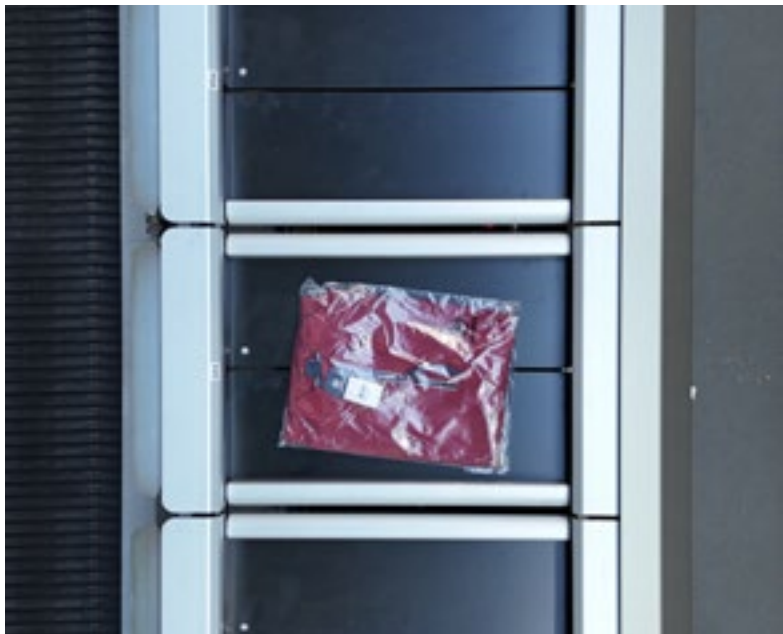
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President, large book retailer

We process about 30 million books annually, selling both wholesale and directly to consumers. For nearly 20 years, we relied on manual processes, which during peak times, could delay orders by up to two weeks – far from acceptable in today's market. Since implementing the EuroSort Split Tray Sorter, we've seen a threefold increase in productivity, reduced labor needs, saved floor space, and achieved 99.9% accuracy. Our customer satisfaction now stands at 95%, and the exceptional support from the EuroSort team has been key to our success.”

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WHY EUROSORT?

We help deliver your promises. With over 20 years of international expertise in automated high-speed sorting, EuroSort understands your logistics needs. We tackle your daily challenges with innovative sorting systems built on proven techniques. Our in-house development and assembly ensures cutting-edge solutions and fast adaptability to market changes. Together with our offices in the U.S. and Spain, we provide global sales and support. The result? Flawless high speed sorting at the leading names in the business, in over 40 countries worldwide.

WANT TO KNOW MORE?

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