



EXPONENTIALLY FLEXIBLE Push Tray Sorter

- ★ FOR ALL INDUSTRIES
- ★ UP TO 24,000 PER HOUR
- ★ SINGLE & TWIN TRAYS



UNMATCHED FLEXIBILITY AND PRECISION

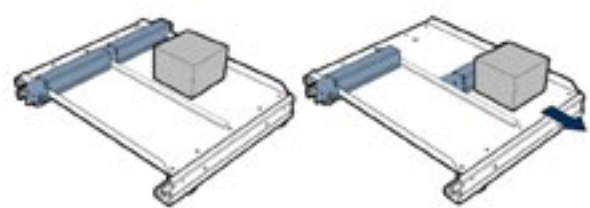
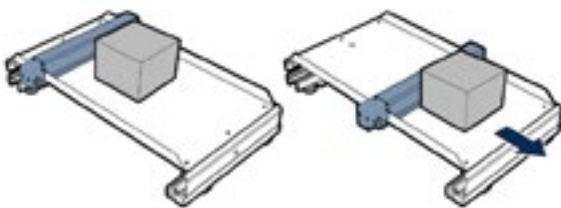


The EuroSort Push Tray Sorter is a reliable, high throughput single item sorting system. Suitable for flat, round, square, large, and small packages. The EuroSort Push Tray is a versatile sorter with a capacity of up to 24,420 uph, engineered for 24/7 use. Weight can go up to 20 kg per carrier, or 12 kg per tray. This sorter is the ideal system for any company that needs to handle high volumes of single items.

If it fits, we can sort it!

The patented design of the pushing mechanism prevents jamming and thus unnecessary downtime. The Push Tray Sorter can handle a wide range of products. Boxed in on 3 sides, shoeboxes, poly bags, foil wrap, ultra-light, and less steady products can all be sorted in one go. With tray sizes varying from 300 x 600 mm up to 800 x 600 mm, we always have a carrier that will perfectly fit your specs. The EuroSort Push Tray is well known for its proven and innovative technology and comes in 2 variations: the Single Push Tray sorter and the Twin Push Tray sorter.

Specifications



Single Push Tray Sorter

Capacity	Max. capacity induction area(s) 1 induction area 8.800 trays/hour 2 induction areas 21.120 trays/hour*
Speed	up to 1.1 m/s
Weight	min. 0.05 kg / max. 12 kg**
Size	Min. 40 x 40 x 1 mm Max. 490 x 600 x 400 mm
Tray dimensions**	400 x 600 mm 500 x 600 mm

Twin Push Tray Sorter

Capacity	Max. capacity induction area(s) 1 induction area 12.210 trays/hour 2 induction areas 24.420 trays/hours*
Speed	up to 1.1 m/s
Weight	min. 0.05 kg / max. 20 kg** (double supported mechanism)
Size***	Min. 40 x 40 x 1 mm Max. 690 x 600 x 400 mm (double supported mechanism)
Tray dimensions**	275 x 600 mm 325 x 600 mm

For higher capacity and detailed specifications, please contact us.

*At max. speed of 1.1 m/s and setup as two virtual sorters. System capacity may vary due to different setup configurations.

** Other sizes available on request.

***Combined induction and depending on the tray dimensions

Small footprint, high capacity

The Push Tray is the perfect sorter to save space and maximize your amount of exits at the same time. It utilizes a fully mechanical divert and through the flexible drive system many shapes are possible for its lay-out. And there is more. Add our patented Chute Pitch Reducer and you can increase your exits by up to 40%. Or reduce the size of the sorter by up to 40% to fit it in your current operation.



The Push Tray Sorter stands out by fitting more exits into the same footprint compared to any other solution for our products.

Benefits

- ★ The Push Tray encloses an article on 3 sides, so it can handle a large variety of odd-shaped items.
- ★ Smaller pitch contribute to a 50% smaller footprint than the Cross Belt Sorter.
- ★ Mechanical discharge reduces overall cost of the sorter, and complexity.
- ★ Lightweight construction enables significantly lower energy consumption, and reduced operating expenses.
- ★ Heavy-duty tray options allow for max weights of up to 20kg on a Twin Push Tray.
- ★ Simple tray design allows for easy maintenance and less downtime.
- ★ Low noise creates a healthier work environment.

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. Our patented wheel guidance systems, for instance, are designed to have minimal friction. This 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 service hotline available. 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 Push Tray Sorter:

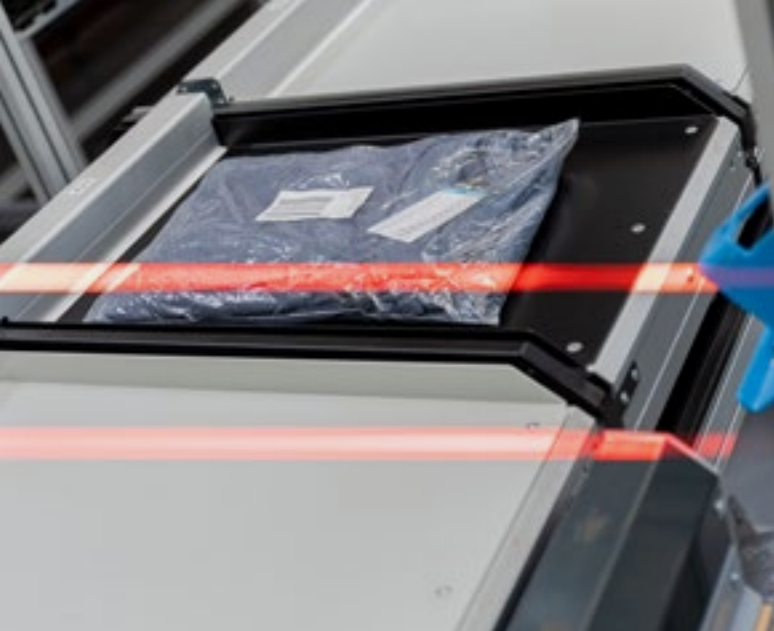
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Tony Westwater, Director of IT

Sport Direct operates several e-commerce websites but has struggled to find a sorting solution that could accommodate the variety of items that we supply to our customers. The solutions reviewed were either not suitable for the items or simply not robust enough or fast enough for the intended workload. The Twin Push Tray excelled on all counts. The vast majority of products are comfortable fit, the system runs without outages and the speed of the system means we can process all our orders to give great service to our customers. This is a real-world solution, not just a dream.

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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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