

# UniSorter™

Sorting adapted  
to your needs





This UniSorter has two lines with a total of 28 sorting elements and 56 discharge points to a similar number of collection boxes. In other words, the sorter can sort 56 orders in each batch as each box constitutes an order which is subsequently packed into mailers. The sorter has a capacity of 2,000 items per hour.

## Now you can have a sorter that suits your needs

### FAVOURABLY PRICED ALTERNATIVE

UniSorter sets new standards in automated sorting. Companies with sorting needs of up to 3,000 items per hour now have a real alternative to storage facilities with manual picking. Previously, the need for sorting had to be considerably greater before it was financially expedient to invest in a sorter. For its capacity, UniSorter is the most favourably priced solution on the market.



### FROM ORDER PICKING TO BATCH PICKING

Most companies can benefit from switching to batch picking – fetching the various products from storage in one go and letting the sorter sort them into the individual orders. All it requires is that the same type of product is used for several orders at the same time. UniSorter is indifferent to the order in which the items are placed on the sorter, and you can even mix them. The sorter scans the bar code on the items, and the general control unit then ensures that the orders are mixed correctly. And if more items than necessary are placed on the sorter, they are simply diverted to a reject discharge.

### STAFF SAVING

Batch picking is much faster than order picking, enabling efficiency gains of several hundred per cent. At the same time, you can reduce the number of people working in the storage facility by 50-60 per cent. One of the benefits of switching from order picking to batch picking is that the risk of errors is reduced significantly.



UniSorter can handle virtually any type of item. Plastic bags, cardboard cartons, plastic boxes, cans, jars – the items only need to be suitable for transport on a belt conveyor and have a bar code that can be read from above or from the side.

The items are placed on the feed conveyors to the sorter. Collection for batch sorting takes place in large plastic boxes, and height-adjustable carts eliminate heavy lifting. This ensures an ergonomically correct workstation.



Sorting to two horizontal, powered roller conveyors ensures that items are handled gently.



All items are scanned and then distributed to the two lines that lead to the discharge points.



UniSorter has a modular construction and is therefore easy to adapt to the individual needs of each customer. This UniSorter is equipped with 5 x 2 sorting conveyors located some distance apart.

## Gentle and flexible sorting – tailored to your company

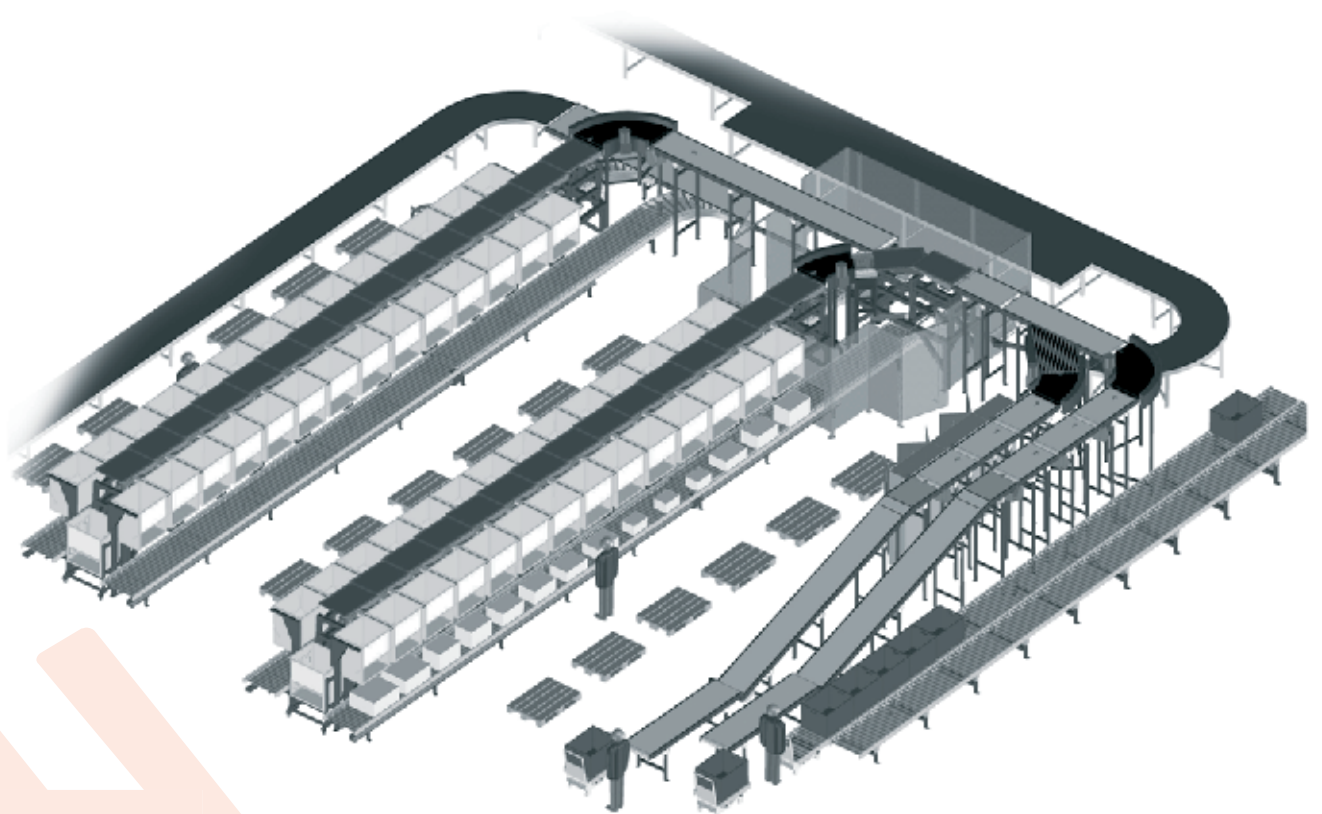
### FLEXIBLE, TAILORED CONSTRUCTION

UniSorter has a modular construction and is therefore very flexible. The number of sorting points can be increased almost indefinitely. The system can be expanded at any time, adding more discharge points or a new line – perhaps into another hall. UniSorter can be custom-designed to the individual company. The system can be supplied in one or more levels with discharge to either side. You can also place the sorter up against a wall and only have discharge to one side.



### GENTLE SORTING

UniSorter offers very gentle sorting and can sort onto roller conveyors, into chutes or into collection boxes. The system is designed to meet individual requirements. At the same time, the items pass smoothly from one belt to another as the system has “waterfall transitions” that ensure gentle transfer.



UniSorter can sort virtually any type of item – safely and gently with discharge to either side.



Many sorters like the one shown here, have displays near the collection boxes.



UniSorter can sort virtually anything – it just must be possible to bar code the items.

# UniControl® is effective and tested control

## THOROUGHLY TESTED SYSTEM

The automatic control of UniSorter is handled by an efficient and thoroughly tested control system, UniControl. The operating system is the PC platform on many of the automated systems supplied by Univeyor. Univeyor thus has extensive experience in controlling UniSorter systems and other automated inventory systems.

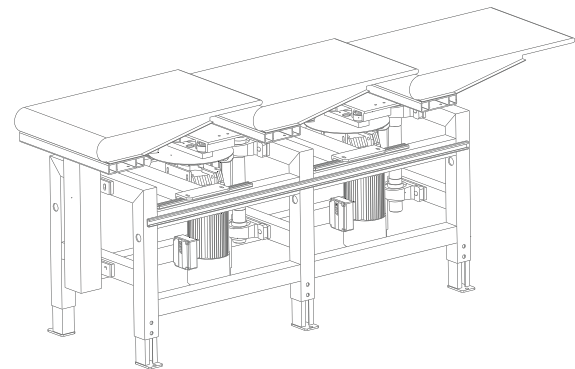


## EASY INTEGRATION

Integration with your company's general ERP system takes place via connection to a database (ODBC), and is thus based on your company's systems.

## EFFICIENT AND USER-FRIENDLY

UniControl has a user-friendly and intuitive dialogue that guides the operator straight to the right menu. The actual control of UniSorter is performed by having the company's general ERP system download a sorting job – a batch of items that needs to be sorted into a number of orders – to the system's PC control. UniControl then handles communication with the conveyor control (PLC control) and the operators' portable PDA terminals. UniControl can also control the printing and insertion of delivery notes and the attaching of labels on shipment boxes.



UniSorter™		
Capacity	standard upgraded	2,000 items/hour 3,000 items/hour
UniSorter belt speed	60 m/min	
UniSorter belt dimensions	lxwxh	975 mm x 600 mm x min. 1000 mm
Item dimensions	lxwxh	600 mm x 600 mm x min. 20 mm
Item weight	max.	35 kg





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