

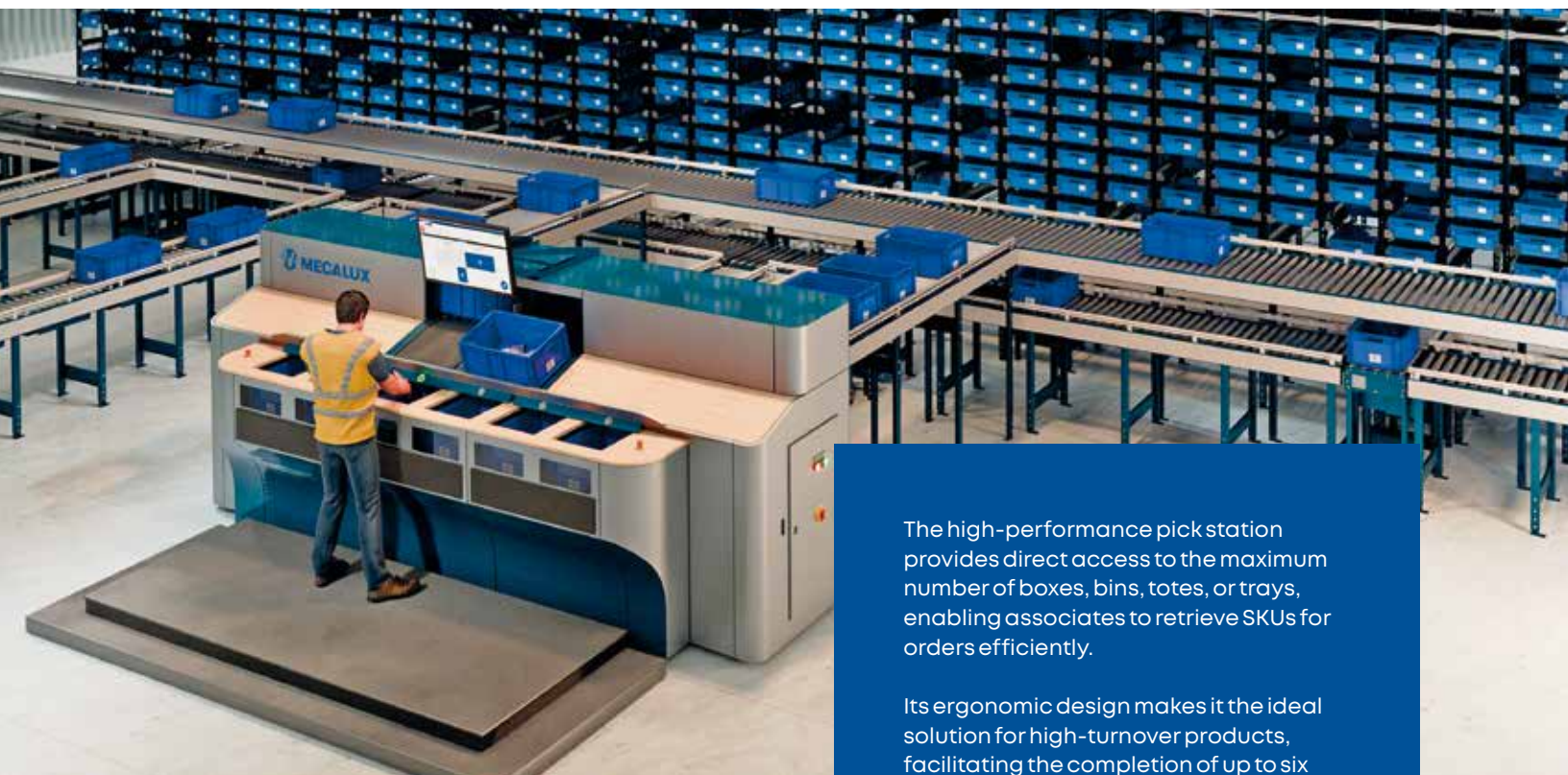
High-Performance Pick Station

Automated picking solution for filling multiple orders
at once ergonomically and efficiently



interlake
 **MECALUX**

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The high-performance pick station provides direct access to the maximum number of boxes, bins, totes, or trays, enabling associates to retrieve SKUs for orders efficiently.

Its ergonomic design makes it the ideal solution for high-turnover products, facilitating the completion of up to six orders simultaneously.

This system streamlines picking operations by eliminating warehouse travel to locate order items.

High productivity

The continuous flow of goods to the station and the ability to prepare up to six orders at a time significantly boost performance, reaching up to 1,000 picks/hour per station.

Ergonomics

The station's design ensures clear visibility and easy access to all picking positions, creating a comfortable, safe working environment. The station adapts to each associate's needs with customizable adjustments, such as platform height and monitor position.

Goods-to-person solution

Automated product delivery to the pick station speeds up order fulfillment by eliminating operator travel in the warehouse.

Tote picking

Goods are placed directly from the storage bin into the order tote, minimizing unnecessary movements and product handling.

Maximum precision

Associates receive guidance through an intuitive interface and assisted picking technologies (e.g. put-to-light and laser pointers), enhancing efficiency and reducing errors.

Versatility

The station accommodates boxes and trays weighing up to 110 lb, making it easy to handle a wide range of small and medium-sized products. It is also compatible with subdivided bins containing more than one SKU.

Components



Warehouse management system (WMS)

Storage bins with SKUs

Order totes



Confirm button



Emergency stop button

Characteristics

Throughput	Up to 1,000 picks/hour
Orders filled	6 orders simultaneously
Maximum payload	110 lb/order
Speed	131'/min
Environmental conditions	32 °F to 104 °F, with up to 70% humidity

Operation



The **associate checks the instructions** from the Easy WMS warehouse management system on the screen, which displays the items and quantities to retrieve from each bin.



The associate then **picks the items** indicated by the WMS and places them in the corresponding order totes.



Put-to-light and pick-to-light systems provide associates with additional information on how to complete orders.



Once all the necessary products have been retrieved, the associate presses the confirm button, and the **bins on the pick station's upper level return to the warehouse.**



When the order is completed, **the tote on the lower level moves to the consolidation area**, and an empty tote takes its place to fill a new order.



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