Case Study

Boost Order Processing

kardexremstar

When speed is vital

Customer and task

Vihamij's central warehouse stocks approximately 10,000 different articles. Speed is vital as they must provide next-day delivery to customers and retail stores.

As the business grew and peak-time orders became the normal workload, Vihamij needed to speed up operations and significantly increase order processing.

Vihamij challenged Kardex to cut down workers' long travel times, consolidate storage locations for faster and easier access, and create a clear structure for replenishing between picking affiliate and customer orders.

Solution

Kardex installed three Vertical Buffer Modules LR 35, each with a turntable and LED pointer.

To fit articles from multiple spaces into one, Kardex needed to significantly increase space. Therefore, they extended the warehouse roof and installed 12-meter tall units. In front of the units, Kardex installed 30 picking bins on put locations with put-to-light technology.

Power Pick Global software controls batch picking and each LR 35 receives a color. The LR 35 shows the same color as the put-to-light displays, preventing picking and putting errors and reducing travel time.

Vihamij reduced operators from 6–7 to 1 picker and 1 worker preparing orders. They execute approx. 300 order lines/h/p starting with 1,000–1,500 for affiliates; followed by replenishment; and finishes with fulfilling 50–100 customer orders.

Increased **order processing**

Reduced **travel time**

Reduced **staff** from 6 to 2.5

Case at a glance

How we took our customer from task to solution

Vihamij, based in the Netherlands, is a building materials wholesaler. Customers purchase items online or directly in one of their 37 nationwide stores. As business increased significantly, Vihamij opted for a Vertical Buffer Module LR 35 solution to manage higher order throughput.

Scope of delivery

3 Vertical Buffer Modules LR 35 with LED pointers
W: 2,350 mm | D: 10,470 mm l H: 12,000 mm

Power Pick Global warehouse management software with
continuous batching and pick-by/put-to-light features

Put-to-light table: 3 sections of 2.2 m with a total of
30 put locations, 2 levels of 15 each

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