

Case Study

# Logistics Transformed





# Increased inventory, same space

## Customer and task

Catering to its branches and fulfilling growing customer orders, Van Buuren prioritized efficient storage space utilization, stock reliability, and faster order picking.

Arno Worsteling, Director of Operations at Van Buuren explains: "After the acquisition of two companies, there was no free space in the warehouse to expand inventory. At the time, everything was stored in shelf racks, but they were full to the brim. It was clear that a change was needed to support the growing needs of Van Buuren and their customers.

In the initial phase of the project, the current and future process was analyzed. There was already an ERP package, but picking was still done with paper lists. Merely installing a storage solution was not enough; the process around it also had to be right."

## Solution

To achieve this full transformation, Kardex implemented a high speed order picking zone with three Vertical Lift Modules and with Kardex Power Pick System inventory management software. When goods arrive, a choice is made immediately whether to store them in the Kardex zone or the warehouse. The Kardex zone uses different bin sizes for the most compact storage.

The bins are all placed on a cart and driven to the Kardex zone. Here the goods are distributed to the three platform elevators, where optimal "load balancing" between the machines is taken into account.

When picking, the Vertical Lift Modules are operated by one order picker. He ensures that the 15 numbered lanes on the picking table are filled with orders. The team of order pickers running through the warehouse ends the round at this picking table to complete the orders. "

## Case at a glance

### Gain in space and efficiency

Van Buuren, a Netherlands-based wholesaler, deals in hardware, tools, building hardware, and ventilation technology. Established in 1920, this family business boasts a rich history. Currently, with 185 employees and 10 branches, the company operates from a 7,500 m<sup>2</sup> warehouse in Rijssen, stocking over 35,000 items. Due to business growth, Kardex implemented 3 Kardex Shuttles, marking a significant transformation.

**More stock**  
in the existing  
space

**Efficient**  
order picking

Ready for  
**the future**



### Scope of delivery



3 x Vertical Lift Modules Kardex Shuttle 500  
W: 3,980 mm | D: 3,074 mm | H: 6,350 mm



Efficient inbound preparation



Kardex Power Pick System inventory management software



Contact a specialist