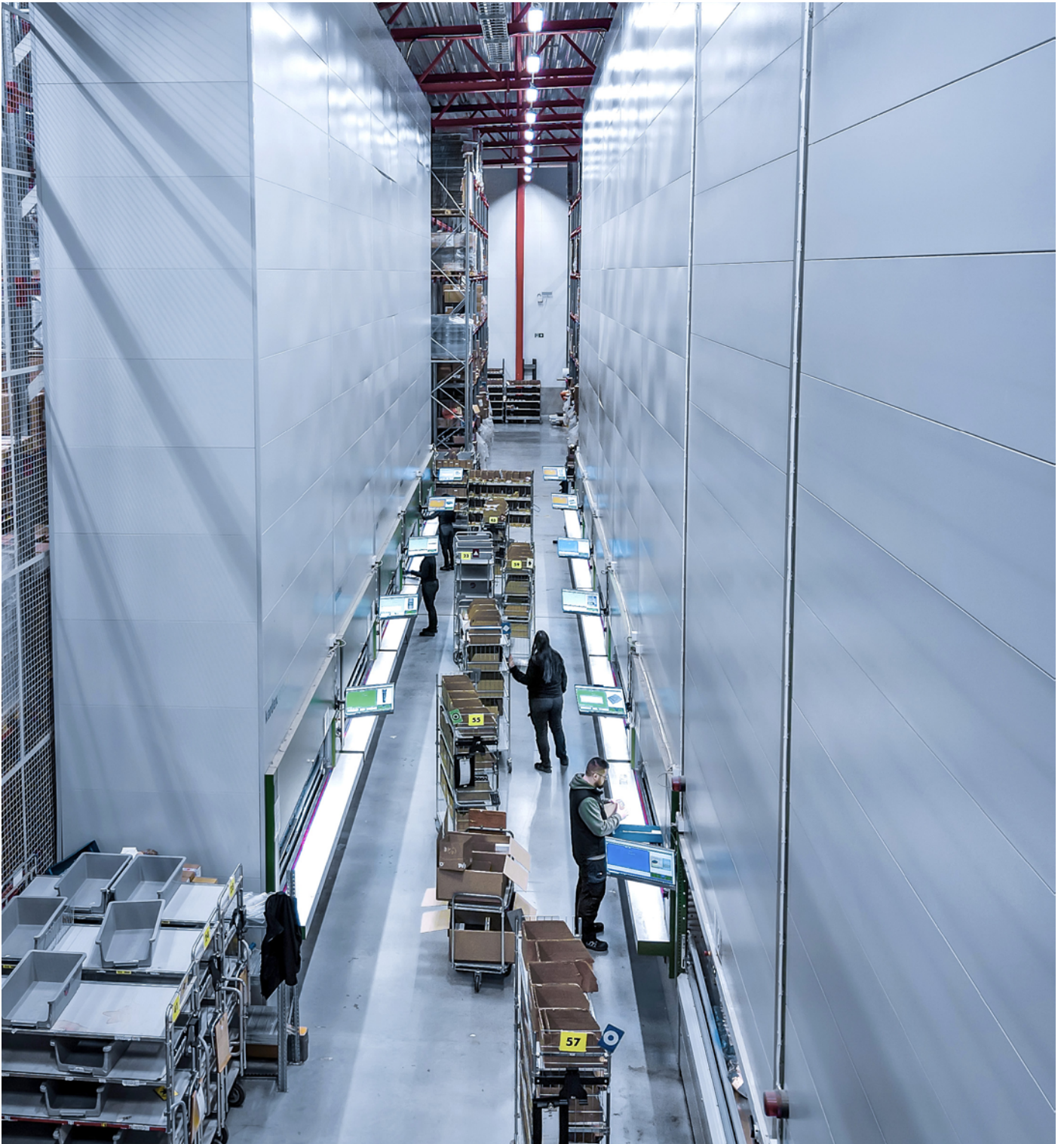


Case Study

# Doubled Efficiency for 3PLs







# Case at a glance

## **How we took our customer from task to solution**

Nowaste Logistics, a leading third-party logistics provider (3PL) based in Helsingborg, Sweden, delivers innovative automation solutions across various industries. Nowaste Logistics needed an efficient and flexible solution for a new customer. After implementing 10 Kardex Megamats, 3 Kardex Shuttles and the Kardex Color Pick System, the company doubled its efficiency, increased throughput and minimized footprint.

# Flexible processes via automation

## Customer and task

Nowaste Logistics faced a common challenge for 3PLs: managing different customer portfolios by providing efficient solutions to meet specific needs. For its new customer, a Nordic market leader in hobby materials, Nowaste Logistics needed to store approximately 20,000 SKUs in various sizes, save floor space, achieve high throughput and manage operations with room for flexibility. After conducting a thorough analysis, Kardex delivered a tailor-made solution providing high performance, minimum footprint, flexibility, scalability and fast ROI.

## Solution

In the Kardex zone dedicated to the new customer, Kardex Megamats are used for small and mid-size items in similar heights, while the Kardex Shuttles flexibly store very small to large items such as fabric rolls. Both solutions provide high-density storage, reduced floor space and increased throughput.

The Kardex Color Pick System is at the heart of the system and integrated seamlessly into Nowaste Logistics' own WMS system. As a flexible team picking strategy, it allows simultaneous processing for inbound orders, outbound orders, batch picking and one-line orders. The system enables fast and accurate order picking, inbound processes and putting. Compared to the static areas, the automated solution provides significantly higher performance, at minimum doubling the number of operations per hour. It allows up to 2,000 picks per hour during the peak times. Nowaste Logistics can now scale the number of operators based on volume changes. Furthermore, the solution also reduces walking distances and offers an ergonomic working environment.

WATCH  
VIDEO



Doubled the  
**efficiency**

Saved significant  
**floor space**

Maximized  
**throughput**





### Scope of delivery



Ten Vertical Carousel Module Kardex Megamats  
W: 3,250 mm | D: 600 mm | H: 10,000 mm



Three Vertical Lift Module Kardex Shuttles  
W: 3,650 mm | D: 813 mm | H: 10,000 mm



Kardex Power Pick System software solution with  
the picking strategy Kardex Color Pick System



Contact a specialist

[kardex.com](https://www.kardex.com)