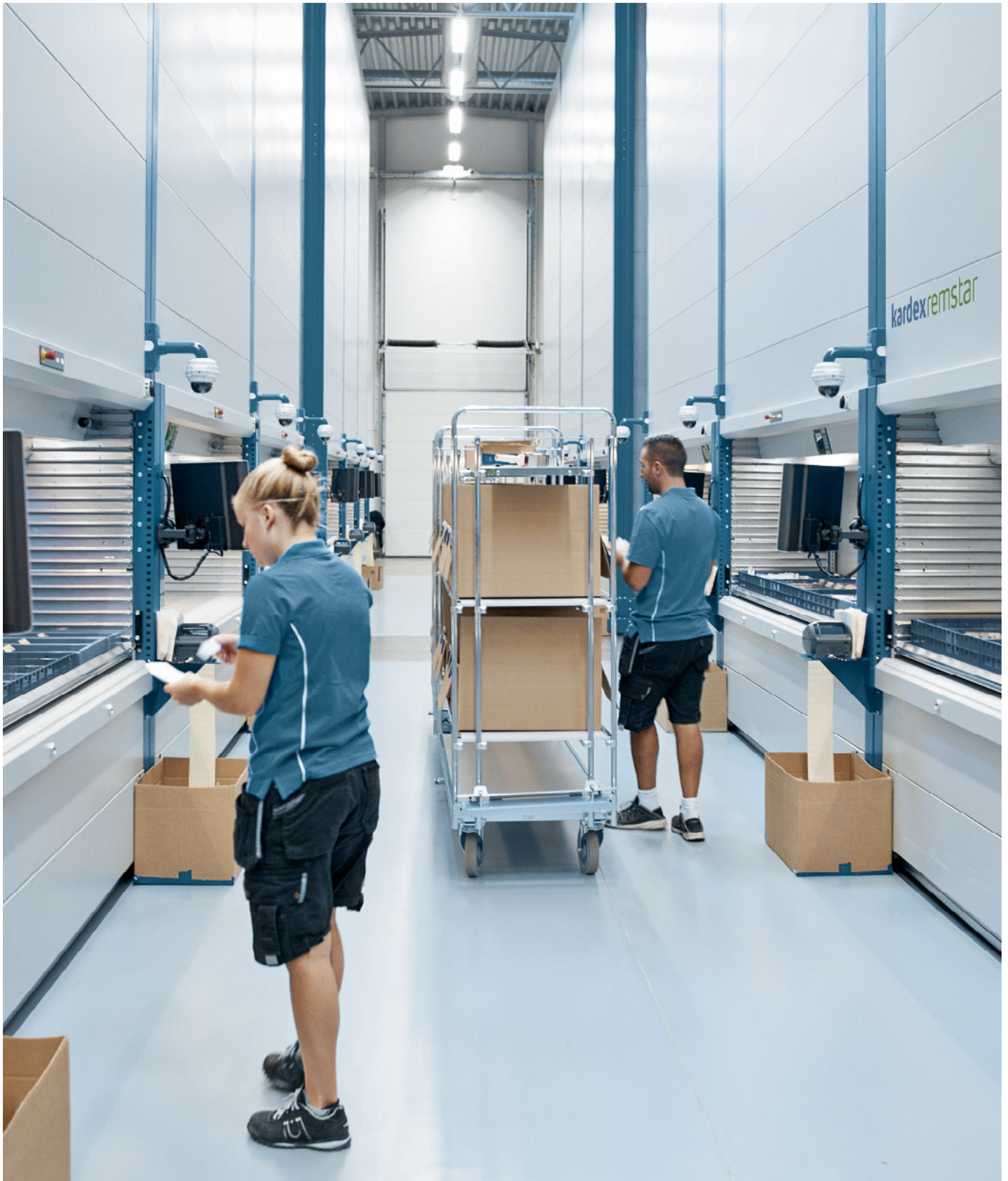


Case Study

# Multiple Batch Picking





# E-commerce and retail picking

## Customer and task

Kjell & Company employs 600 people and has headquarters in Sweden and a purchasing office in Shanghai. Their static shelving system didn't offer the flexibility and efficiency required for both the online business and deliveries to the network of stores following the company's sustained growth. The 8,000 m<sup>2</sup> distribution and logistics hub in Malmö was reaching full capacity.

They needed to look for a storage solution that could optimize use of the available space, improve picking efficiency, manage online orders, and create additional storage capacity to allow for continued expansion.

## Solution

Kardex installed 12 Vertical Lift Modules (VLM) Kardex Shuttle with dual access openings and the Kardex Color Pick System to improve accuracy and pick times. Above each opening, a touchscreen monitor lets employees (1-4 or double at peaks) clearly see which color batch they are picking for.

Employees pick retail and e-commerce orders simultaneously including loading returned goods, new inventory, and express orders. Employees achieve 120-200 picks/hour compared to 70 picks/hour with shelving systems.

The easy-to-install solution optimizes the ceiling height and reduces the footprint from 800 m<sup>2</sup> to 80 m<sup>2</sup> (after the installation of the first six units). It also improved inventory security.

Kardex JMIF software integrates the whole material flow process and provides full control from start to finish.

## Case at a glance

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

Kjell & Company sells accessories for home electronics online and via 80 Swedish-based stores. With more than 9,000 articles, including everything from iPhone covers and mobile phone chargers to more sophisticated accessories, they offer Nordic's widest range of accessories for consumer electronics. Kjell & Company needed a flexible and efficient solution to manage their online and in-store growth.

Increased  
picking  
speed

Reduced  
space  
by 90%

Improved  
employee  
safety



### Scope of delivery



12 Kardex Shuttles 250 W: 3,480 mm | D: 2,310 mm | H: 7,950  
Tray dimensions 3,050 × 610



Kardex Color Pick System and Kardex JMIF  
(Java Machine Interface) software



Kardex VLM Boxes  
Plexi-glass panels