

Storage

Order Picking

Handling &amp; Automation

# Case Study 024

## Warehouse & Distribution



PICKING OF INDUSTRIAL PRODUCTS AND ACCESSORIES

### The Customer

Etra Oy is a provider of industrial products and services with headquarters in Helsinki, Finland. The company offers its customers a wide range of special industrial products and accessories and provides services in manufacturing, maintenance, construction and warehousing. The company's ever-expanding distribution channel consists of 37 sales and service centres or "Megacenters" throughout Finland. These centers are part of the global network of the Etola Group to which Etra Oy belongs.

Further Information:  
[www.kardex-remstar.com](http://www.kardex-remstar.com)



1

## Task definition

In 2011 Etra Oy built a new logistics Center in Hämeenlinna in Finland as a central warehouse from which all 37 Megacenters are supplied. For the fast and accurate delivery of goods to the customers, the company had been looking for an alternative to its previous solution, i.e. manual picking from static racking systems.



2

## Solution



The new logistics center is divided into a pallet warehouse and a small parts store. All small parts are now stored in vertical lift modules supplied by Kardex Remstar. In the meantime, the company uses 36 Shuttle XP 500 for storage, picking and putting operations. Every picking station consists of 4 Shuttle units. The conveyor system which is a part of the complete solution transports the bins from station to station where they are filled by company staff. Graphical displays provide additional information about the article to the operating personnel, such as order number, quantity and position. At Etra, the "goods-to-person" principle helps save time, routes and resources. From the logistics center, the bins are dispatched either to one of the 37 Megacenters or directly to the customer.

4

## Advantages at a glance

- Space saving: 6,261 m<sup>2</sup> storage space on a foot print of 700 m<sup>2</sup>
- 10 m high vertical lift modules make optimal use of the existing building height
- Picking performance has increased 4 times in comparison with the previous solution
- Software integration allows for paperless and fast processes
- Graphic display monitors simplify picking processes and prevent errors

3

## Process description

We would be delighted to explain the different processes in detail in a personal consultation.

5

## Scope of delivery

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>– 36 Kardex Shuttle XP 500 (W x D x H: 3,050 x 864 x 10,450 mm)</li> <li>– 2 access openings (front and rear) per Shuttle</li> </ul> | <ul style="list-style-type: none"> <li>– Complete conveyor technology</li> <li>– Warehouse management software by Kardex Remstar</li> <li>– Pick displays</li> </ul> |
|---|--|

