

# Advanced picking storage

**Wittusen & Jensen:** A unique automated warehouse.



**The picking storage solution for Wittusen & Jensen is based on three K.Store miniload cranes with multi-retrievers for storage and outfeed of items of various dimensions at the same time.**

#### **The customer**

Norwegian Wittusen & Jensen supplies all kinds of office supplies, basic commodities and marketing articles, and produces graphic materials. The company has around 200 employees, with an annual turnover of approx. 600 million NOK, and sales offices all over Norway. Wittusen & Jensen was founded in 1897 by Claus S. Wittusen and Paul H. Jensen in Oslo, Norway. Today, the company has expanded beyond its previous headquarters and built new facilities outside Oslo. For this purpose, Körber Supply Chain DK was chosen for the supply of a new and advanced picking storage system.

The motivation for Wittusen & Jensen's investment in the advanced storage system was their expectations to enhance efficiency, both as regards time and economy. The company chose the solution from

#### **At a glance**

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##### **Project goals**

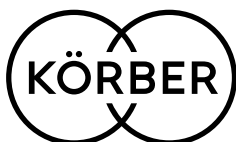
- Enhanced cost-efficiency per item
- Increased capacity per full time employee (FTE) with special focus on the human factor
- A future-proof solution prepared for expansion

##### **Solution**

- Miniload storage, light goods conveying and intelligent picking

##### **Features and benefits**

- Low total cost of ownership
- High throughput per FTE
- Optimization of workplace ergonomics



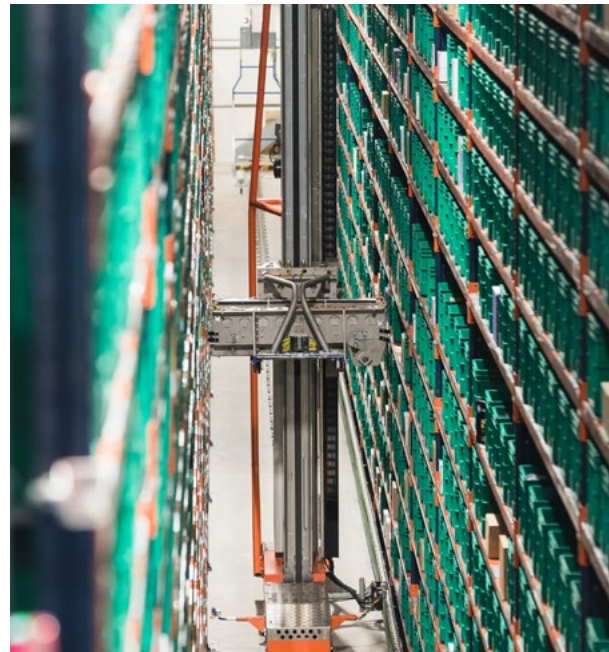
Körber due to the unique technology and on the basis of a long-standing cooperation.

The solution handles up to 3,700 orders a day, 90 percent of the functions in the picking storage are automated, and there is storage capacity up to 50,000 locations, with items stored in their original packaging or in system-specific totes. The solution is based on 3 Körber miniload cranes with multi-retrievers for the storage and outfeed of items of various dimensions at the same time. This means that items can be stored in their original packaging or repacked in system-specific totes.

Items are automatically picked from the pick stations or to direct dispatch. The pick stations are arranged in a way that allows an operator to pick for six consignments at a time. Items to be sent to customers as complete parcels are automatically directed from the miniload storage to sortation and dispatch, without any kind of repacking.

**“We chose Körber’s solution because it gives us the possibility of automatically combining each consignment with picking from original packaging, picking from system-specific totes, and automatic outfeed of complete parcels stored in their original packaging directly from our suppliers. Körber’s system is unique in its combination of the picking and handling of complete parcels. Furthermore, we have worked together with Körber over the last eight years, and they have always been able to fulfill our expectations, both as regards deadlines, financial framework, and engineering skills.”**

**Audun Johnsen**  
Logistics Manager



## Facts and figures

### Delivery

- Miniload storage with conveying systems and multi-retriever cranes
- Complete PLC control system
- Infeed stations, pick stations and areas for packaging and preparation for dispatch
- Design, project management, testing and commissioning
- Technical documentation and warranty

### The solution handles

3,700 orders/day

### Functions automated in the picking storage

90 percent

### Storage capacity

Up to 50,000 locations, with items stored in their original packaging or in system-specific totes.

