

Miniload storage expansion

Tetra Pak: A long-term cooperation.



In a warehouse system designed to scale for growth, Tetra Pak Technical Service AB had two more K.Store miniload cranes added to their existing nine. This was followed by a three-year service agreement.

The customer

In 2016, Tetra Pak, situated in the Swedish city of Lund, expanded their miniload storage from nine to a total of 11 cranes, all supplied by Körber. The cooperation with Tetra Pak started in 2001 when Körber Supply Chain DK (the former Univeyor) acted as turnkey supplier of a new, automated storage and picking system. At that time, Tetra Pak centralized their distribution of spare parts, and today the warehouse in Lund provides parts to customers and Tetra Pak companies across the world.

From the beginning, the warehouse system was designed to scale for future growth, and since 2001, Körber has implemented new miniload cranes in several steps.

At a glance

Project goals

- Increased storage capacity

Solution

- K.Store miniload cranes

Features and benefits

- Combined service and hotline contract ensures one point of contact
- Long-term cooperation creates high availability, real value and confidence
- Reliable support is grown through partnership



The solution

The heart of the warehouse facility includes a 12m high miniload storage area that now contains 11 fully automated miniload cranes with customized double retrievers. As each crane covers as many as 5,616 locations (crates), the overall storage capacity amounts to almost 62,000 crates.

In connection with the latest miniload expansion, Körber also supplied the extension of the conveyor loop for the new cranes, and increased the buffer capacity of the existing pick loop.

“At Tetra Pak, we have great confidence in the Körber miniload storage system – a confidence that was essential to the choice of Körber as supplier of yet another comprehensive expansion of our warehouse, together with a three-year service agreement.

The service technicians from Körber have conducted the maintenance of our system since the first implementation in 2001, and the system has remained reliable and field-proven throughout this period. The results of systematic follow-up are daily and weekly operating reports that have often proved an availability of 100% measured over 24 hours on the operation of the 11 cranes and the associated conveying system.”

Stefan Hjerpe

Manager Warehousing & Infrastructure
Tetra Pak Technical Service AB



Facts and figures

Industry

Storage and packaging

Delivery

2 miniload cranes added to the existing 9

Locations per crane

5,616 boxes

Overall storage capacity

62,000 crates

