

Success Story

groninger

Clever combination for growing logistics



 groninger

kardex



Overall solution for pallets and bins

Kardex and the challenge

The primarily manually operated area-storage facility at Groninger had reached its capacity limits by 2021, and the company decided to replace it with a highly automated, new logistics center with one section for pallets and an additional section for small parts. The logistics center provides storage for spare parts, enabling the replenishment of components and assemblies for the fitting and manufacturing of filling and sealing machines. Articles ranging from small screws, valves, and switches to large-scale stainless-steel components are stored here.

Solution

The high-bay warehouse constructed by Kardex Mlog is 20 meters tall and features fully automated operation with three stacker cranes. The pallets stored here each weigh up to 800 kg. The upstream and downstream pallet conveying technology, which was also supplied by Kardex Mlog, has been designed to handle this weight.

Picking orders are processed in the automated bin shuttle system powered by ROCKET SOLUTION. Standing 18 meters tall, its 34 levels offer approximately 17,900 bin storage spaces. At the picking stations, the employees receive clear, graphically visualized work instructions via a large display, ensuring minimal error rates with optimal ergonomics.

The entire material flow of the warehousing logistics center is controlled by the Kardex MFlow module in the Kardex Control Center.

At a glance

Sustainable planning

Kardex Mlog was commissioned by Groninger, the filling and sealing machine manufacturer, to construct a pallet and small parts storage facility for their production and spare-parts logistics center in Crailsheim. The high-bay warehouse, with more than 3,000 pallet storage spaces, is fully integrated with a bin shuttle system powered by ROCKET SOLUTION. The sustainably planned solution allows for considerable extension in the future.

17,900
bin storage
spaces

**More
than 3,000**
pallet storage
spaces

**All
from a single
source**



Scope of supply



3 stacker cranes of type Kardex MSingle A-800/20-ET with aisle equipment and automatic control



Bin shuttle system powered by ROCKET SOLUTION with 34 shuttle vehicles, conveying technology, and 4 picking stations



Kardex Control Center with Kardex MVisu plant visualization and Kardex MFlow material flow system