

Branchenreferenz

Trade: Camping and Leisure Market



The Customer

Together with the sister company Freiko, Frankana now belongs to the leading wholesalers in the camping and leisure equipment business. The product range of Frankana comprises more than 10,000 different articles. It incorporates batteries, gas cartridges and folding spades as well as awnings for caravans, camping toilets, tents and floor coverings.



The Requirements

A great challenge at Frankana is not only the high variety of products regarding shape, material and size and allocation to different storage areas resulting thereof, but also the consolidation of the goods from the different areas.



Frankana Freiko®

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Shipping department

The Solution

Following the successful realization and commissioning of the 1st expansion stage, Klinkhammer was also contracted for the 2nd expansion stage by Frankana. The expansion provides again an optimization of the processes by means of connecting intelligently the storage areas using conveyors. Previously mainly represented by forklift trucks, the six new incoming goods work stations, the modular shelving systems with totes, the automatic order consolidation buffer and the shipping department of the 2nd expansion stage are connected by means of conveyors. This is ensured by creating a conveyor technology connection across 3 floors. The further optimization of the material flow and a higher throughput of goods was the aim of the automation. The Klinkhammer warehouse management software, the material flow computer and the order picking via pick-by-voice are expanded as well. Each conveyor section in the order picking area features buffer positions in incoming and outgoing direction to guarantee working without interruption at the order picking stations.

Advantages for the customer

Modern conveyor technology is connecting the six new incoming goods work stations, the modular shelving systems with totes, the automatic order consolidation buffer and the shipping and guarantees the high product availability and delivery reliability.

Data and facts

- 500 m of conveyors
- Automatic order consolidation buffer with 1,660 container storage locations
- Shelf storage system with 21,000 container storage locations
- Pallet storage system for 4,000 pallets
- 330 long goods in the cantilever warehouse
- 6 incoming goods stations
- Order picking via pick-by-voice
- Warehouse Management Software and material flow computer

Pallet storage system for 4,000 pallets



Shelf storage system with 21,000 container storage locations



Automatic order consolidation buffer

