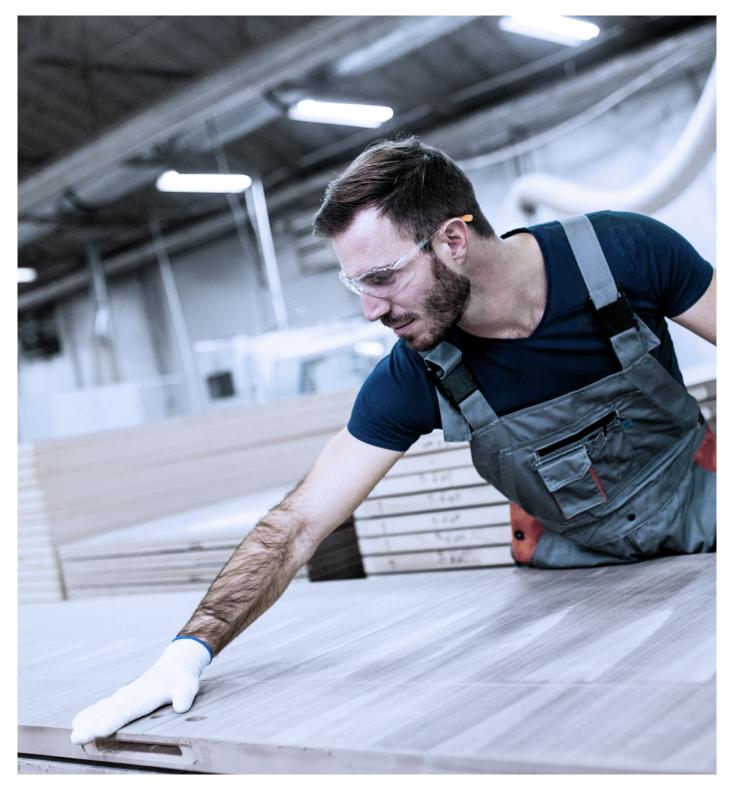
Case Study

The Winning Formula for Fast Kitchens



kardexmlog

Hacker kitchen.germanMade.

Case at a glance

Variety is king

The modern built-in kitchen is like a menu overflowing with delicious courses and an abundance of fine ingredients to choose from. Nowadays, there are endless possibilities and options to consider when creating a new kitchen. Ultimately, the owner's personal preferences and site spatial conditions will determine the form, shape and surface of each area. To accommodate this product diversity, the new high-bay warehouse of the kitchen manufacturer Häcker is home to modules to suit (almost) every taste. The sheer number of variants is a logistical challenge that Kardex Mlog was commissioned to solve.

Stock in 14 aisles

Customer and task

At its Rödinghausen location, Häcker Küchen produces built-in kitchens that meet the highest durability and design. In 2006, Kardex Mlog was commissioned to expand the production space from ters to more than 100,000. The intralogistics leader acted as a general contractor for the constructifeatures a total of 14 aisles for the storage and picking of fronts and sequence delivery to production. Two of the 14 aisles are reserved for storing tall cabinet side panels. A total of 780 pallet storage spaces are available for large and

780 storage spaces for kitchen components

Electric monorail with 350 pallets/ hour

Solution

with S7/300 controls. These are connected via WLAN directly to the material flow computer. One of the SRMs has been designed as a picking machine and is fitted with telescopic suction pads and a three-pronged telescopic fork. Another SRM is deployed to stage and transfer goods pallets for the picking SRM.

travel 10 meters on a vertical conveyor between the material flow level and the monorail takes the pallets and transports 12 months after the initial groundbreaking ready to begin operations.





Scope of delivery



14-aisle high-bay warehouse with 11 SRMs



Conveyor technology with vertical conveyors and electric monorail



4 sorting storage areas for kitchen fronts with a lifting beam machine and two load pick-up devices for 1,600 trays each