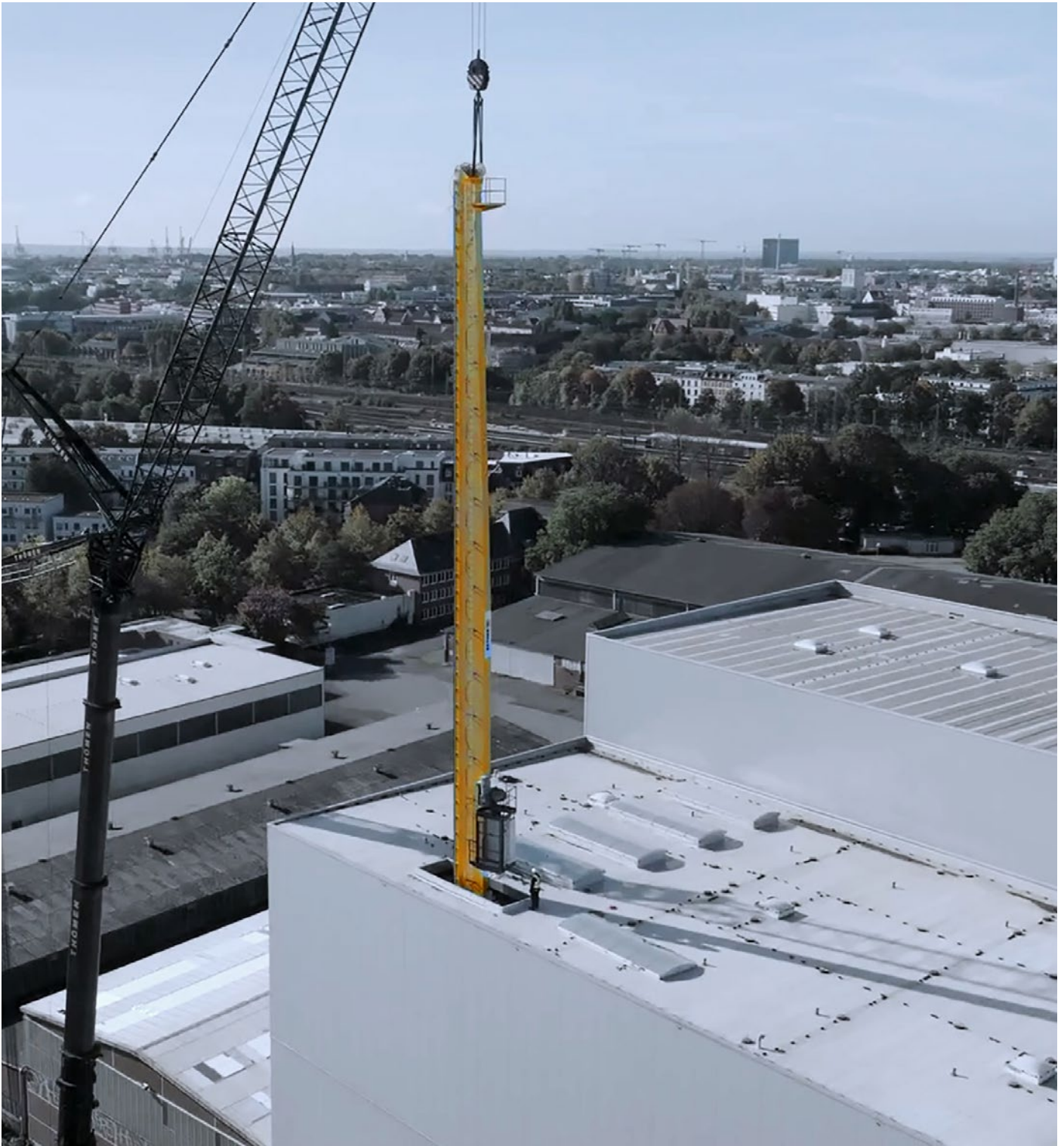


Case Study

# Seamless Refurbishment







# Availability guaranteed

## Customer and task

With more than 130 years of experience in the sector, REYHER is among the leading providers of fasteners and fixing technology in Europe, supplying companies in trade and industry across the globe.

Approximately 850 people work at the company headquarters in Hamburg. Using customized and flexible solutions, with a daily supply capacity of more than 99 percent, these employees ensure reliable supplies of C parts. To maintain this high level of service over the long term, REYHER needed to refurbish its high-bay warehouse.

## Solution

As part of the refurbishment, five 20-year-old stacker cranes, previously supplied by a competitor, were replaced between May and October 2022 during ongoing operations. At the same time, the aisle equipment was overhauled and a new camera system was installed to enable precise positioning. The refurbishment time frame called for close collaboration between the customer, the installation specialists, and the commissioning personnel.

Throughout the project, Kardex Mlog guaranteed high availability of the high-bay warehouse. To shut down and dismantle one of the old stacker cranes and install a modern Kardex MSingle B, the refurbishment specialists from Kardex Mlog required 12 days. Each new stacker crane has two load handling devices that facilitate single-deep storage and retrieval. The devices are 34.5 meters tall and are manufactured in Kardex Mlog headquarters in Neuenstadt am Kocher.

## Case at a glance

### Five new stacker cranes installed during ongoing operations

REYHER, the fasteners and fixing technology company, commissioned Kardex Mlog to refurbish a high-bay warehouse in Hamburg-Altona. The project involved the step-by-step replacement of five 20-year-old stacker cranes with modern machines of type Kardex MSingle B. The work took place during ongoing operations and was completed by October 2022.

Guaranteed  
availability

12 days  
of work per  
stacker crane

Partnership-based  
cooperation





"Kardex was a competent and reliable partner throughout the project, from tendering through planning phase up to implementation."

Arne Schwertfeger, Head of Logistics – F. REYHER Nchfg. GmbH & Co. KG

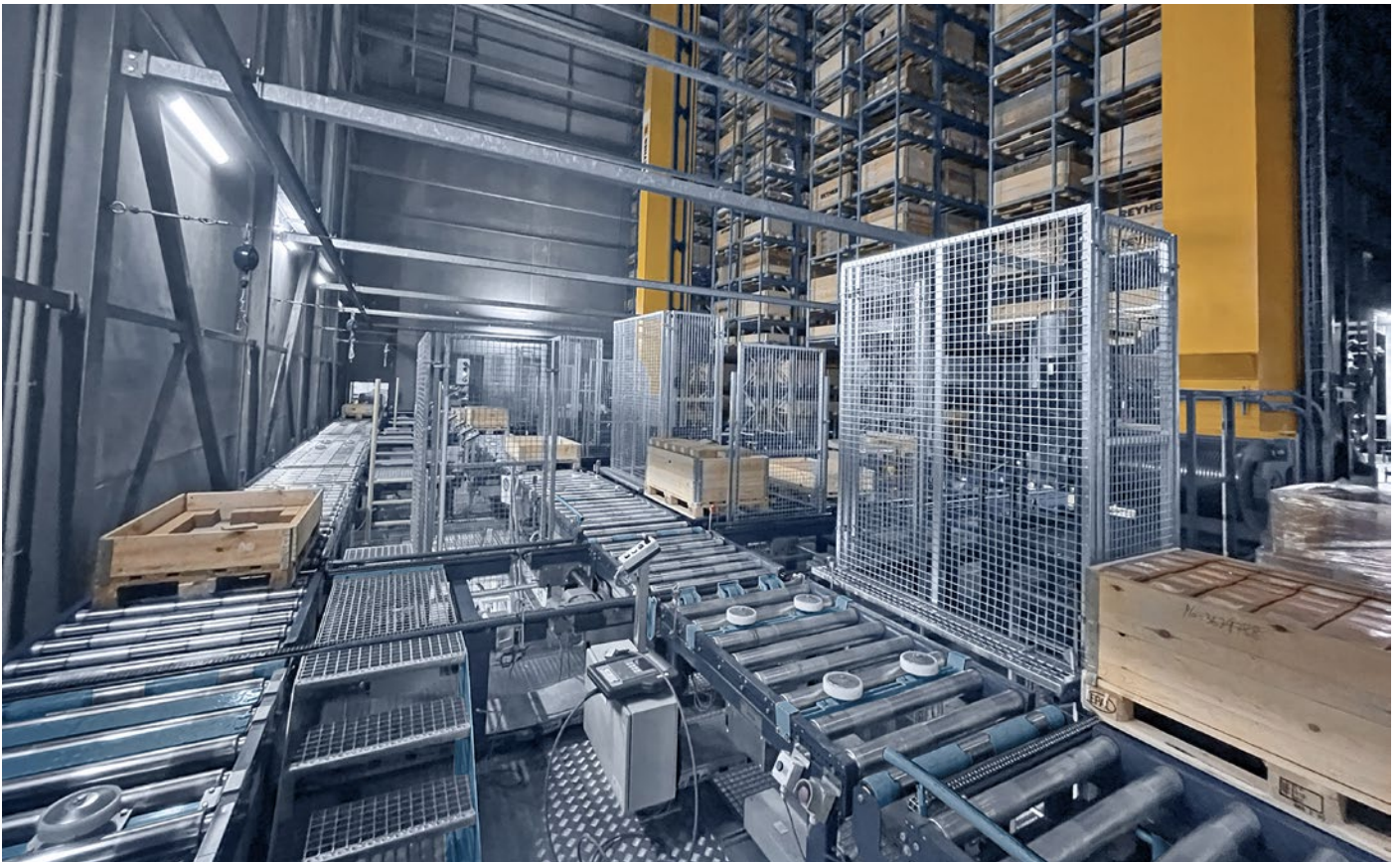


"Working hand in hand with Kardex, we were able to find individual solutions, plan tight time frames and implement the project successfully."

Nicolo Rönck, Logistic Projects and Operations Technology – F. REYHER Nchfg. GmbH & Co. KG







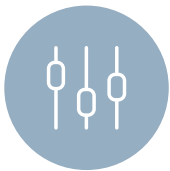
### Scope of delivery



5 stacker cranes of type Kardex MSingle B



Camera system for precise positioning



Aisle equipment completely overhauled