

Industry Reference Construction Industry Sealing Systems



**hauff-
technik**

FROM THE NARROW-AISLE FORKLIFT TO FULL AUTOMATION

The Customer

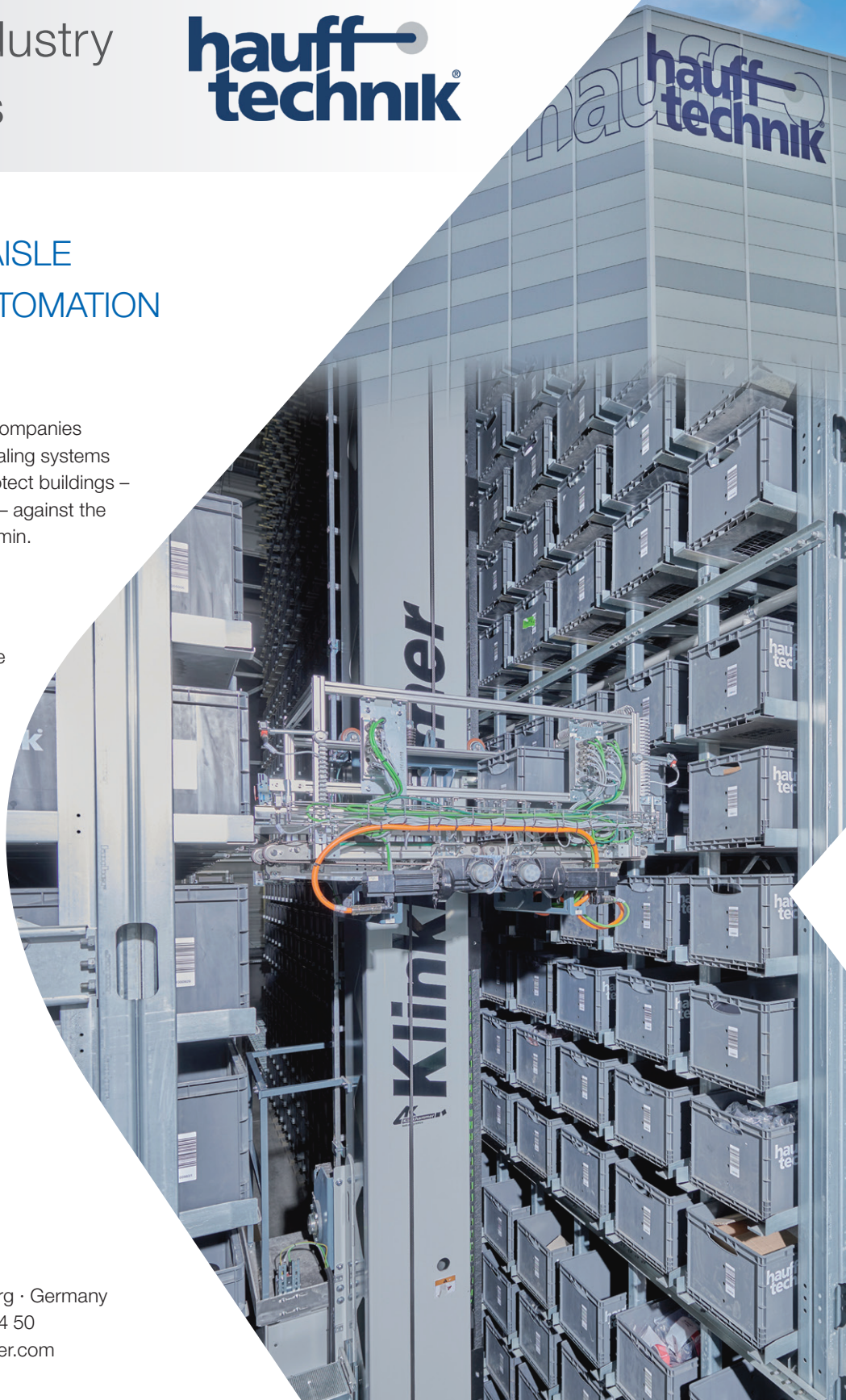
Hauff-Technik is one of Europe's leading companies in the field of building entries, including sealing systems for cables, pipes and house entries, to protect buildings – from single-family homes to power plants – against the penetration of water, gas, fire, dirt and vermin.

The Requirements

A forward-looking, flexible and expandable logistics concept should be developed to move away from manual warehousing with narrow-aisle forklifts towards full automation according to the "goods-to-person principle". A new logistics center with fully automated pallet high-bay warehouse, bin warehouse and order consolidation buffer streamlines material flows and halves throughput times. Large and small parts are stored in a space-saving manner, picked efficiently and quickly and packed with optimized shipping costs.

Klinkhammer Intralogistics GmbH

Wiesbadener Straße 11 · 90427 Nuremberg · Germany
Tel. +49 911 93064 0 · Fax +49 911 93064 50
info@klinkhammer.com · www.klinkhammer.com



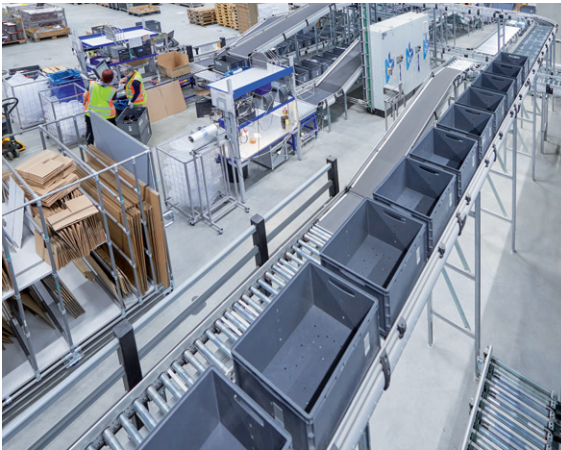
The Solution

The automated order consolidation buffer supplying production and packing stations is the heart of the new logistics center. All order items of a customer order are consolidated there and, together with the corresponding pallet goods, supplied time-synchronized from the high-bay warehouse to the packing stations.

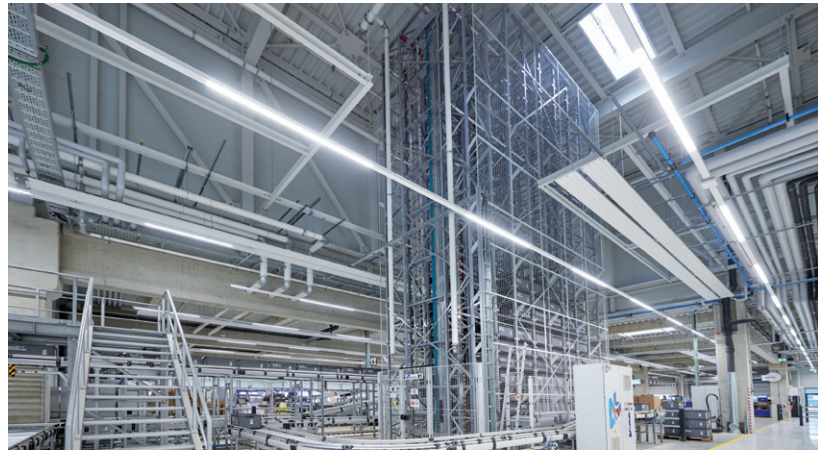
- 2-aisle, automated pallet high-bay warehouse in silo construction with 4,900 storage spaces
- 2-aisle, automated small-parts warehouse for 8,120 bins
- 12 meter high automated order consolidation buffer for production and dispatch
- SAP EWM supported by the material flow control of Klinkhammer including storage space management



Order picking



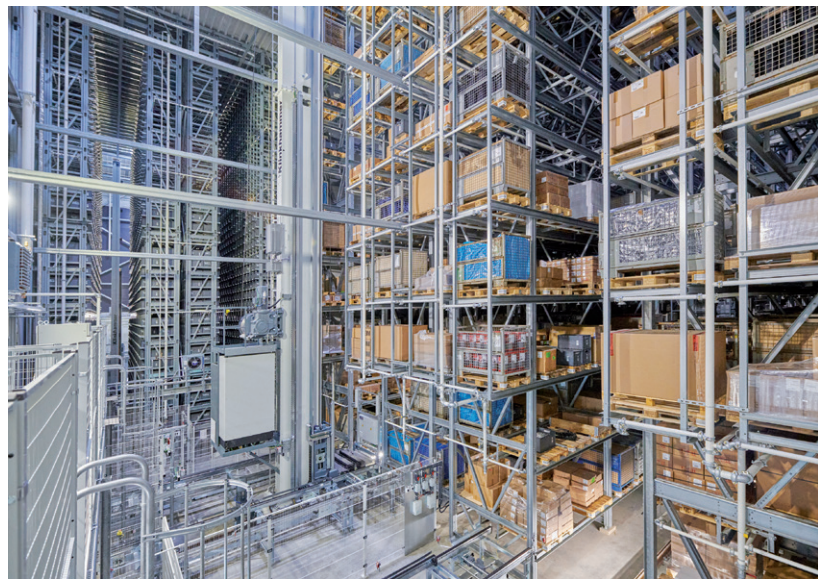
Packing stations



12 meter high automated order consolidation buffer



Automated small-parts warehouse for 8,120 bins



Automated pallet high-bay warehouse with 4,900 storage locations