

Reference Tool Trading



AUTOMATION AND EXPANSION DURING ONGOING OPERATIONS

The Customer

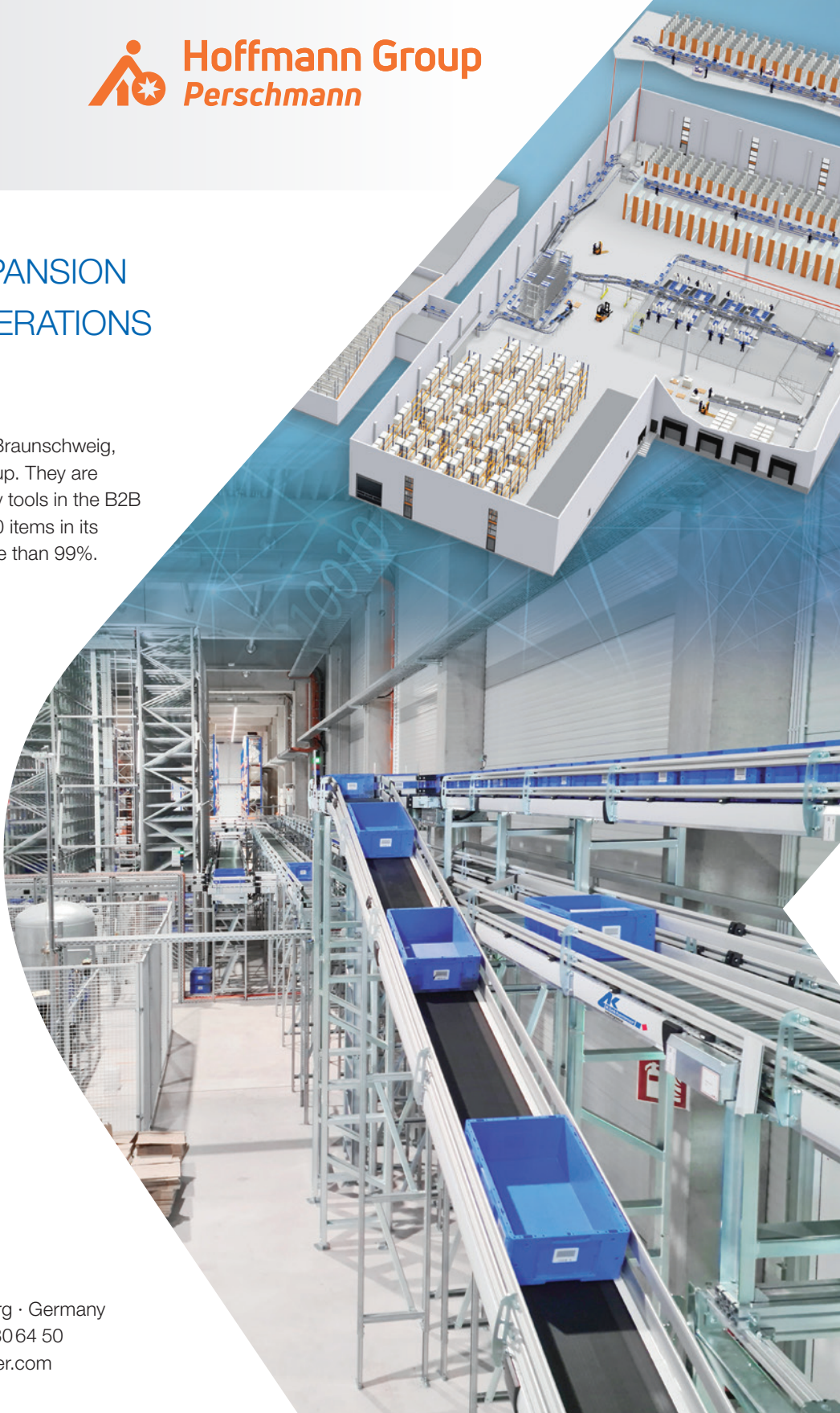
The Hch. Perschmann GmbH, located in Braunschweig, Germany, is a partner of the Hoffman Group. They are Europe's leading system partner for quality tools in the B2B sector. The company offers around 90,000 items in its catalogue with a delivery capability of more than 99%.

The Requirement

Due to the large product variety and the strong increase in order volume, the company extends its logistics center by another hall with 4,500 m². New product lines shall be established on the market in the field of work clothing and occupational safety. With a delivery capability of more than 99% and a delivery accuracy of 99.9% within 24 hours throughout Germany and within 48 hours Europe-wide, the company ensures highest supply reliability.

Klinkhammer Intralogistics GmbH

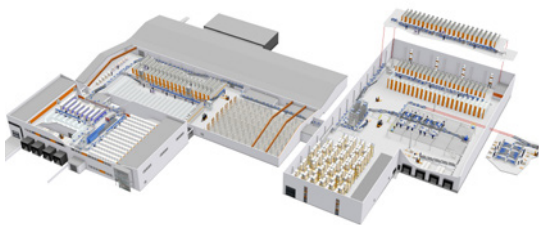
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The Solution

With a new 2-storey shelving system and order picking using pick-by-voice, a new shipping and packing facility with 24 work stations, an automated order consolidation buffer for 1,300 boxes and a voice-controlled manual pallet warehouse, Klinkhammer not only ensures smooth processes, but also increases storage capacity and performance of the entire system. The warehouse storage capacity was increased by 50%. In the future, up to 3,500 parcels per day will leave the shipping and packing areas of the new logistics hall.

- Modular shelving system with conveyor technology on 2 levels with 18,000 shelves
- Drawer system: 2,340 drawers offering storage capacity for 52,543 storage locations for the smallest parts product line
- Order picking using pick-by-voice technology in the shelf storage system, drawer system and pallet warehouse
- Automated order consolidation buffer: 1,300 container storage locations
- Shipping and packing facility with 24 work stations
- Pallet high bay warehouse optimized and adjusted to the roof pitch using narrow fork-lift truck and forklift terminals
- Material flow computer and control engineering by Klinkhammer



Logistics center Perschmann



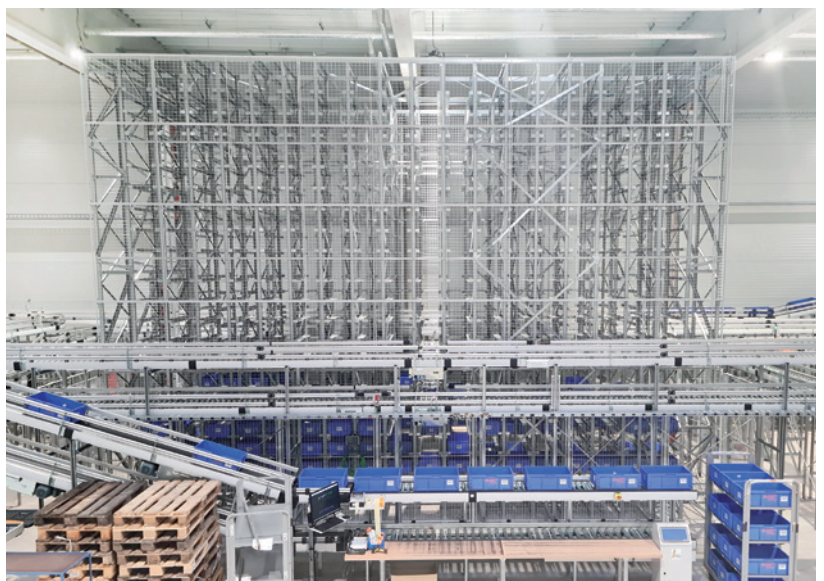
Shipping/packing facility with 24 work stations



Shelving system with conveyor technology



Pick-by-voice technology in the drawer system



Automated order consolidation buffer