

REFERENCE

New building logistics center



OPTIMIZED PRODUCTION LOADING
AND HIGH PERFORMANCE LOGISTICS

INSTA



INSTA ELEKTRO GMBH
LÜDENSCHIED, GERMANY

Key data of the facility

Small parts storage with 27,200 storing positions
 High bay warehouse for pallets with 2,500 storing places
 Connection of conveying with the help of a transfer truck
 Container conveying technology: Connection of the small parts storage on two conveying levels
 Ground floor
 - goods input, goods output and order-picking
 Upper floor
 - order-picking and tugger trains
 Order picking:
 4 working places in conveying technology
 1 working place in pallet conveyor technology

Automated warehouse - optimized production

With around 500 employees, Insta manufactures modules, devices and systems for building systems technology as well as LED lights and matching controls for modern architectural lighting systems. Due to growing demand, the lighting expert decided it was time to reorganize its production processes and the connected logistics. Shortly an additional warehouse will house an automatic small parts warehouse and a high bay warehouse for pallets each with two aisles to support intralogistics processes - all fully automated. Here, around 2,500 pallets and 27,000 containers will find their storage space. What was until now the warehouse, will be converted to production space as part of the reorganization and supplied with materials from the new storage units via tugger trains. The warehouse management system UniWare will ensure that the control system also takes control of the systems to provide transparent stock levels.

Scope of Unitechnik contribution

General contractor
 Control engineering
 Warehouse management system: UniWare
 Switchgear construction, assembly
 Putting into operation and training
 Service contract
 Purchase:
 Shelf construction for pallets and container store
 Stacker cranes for pallets and container store
 Pallet conveyor technology
 Container conveying technology
 Rapid action doors

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