

REFERENCE

Distribution centre for office supplies



TRIPLING OF THE CAPACITY
DURING REGULAR OPERATION

soft-carrier
Computerzubehör GmbH

Unitechnik
PERFECTION AUTOMATED.



SOFT-CARRIER
TRIERWEILER-SIRZENICH, GERMANY

Key data of the facility

- Bins: 12 lines with 12 ETV's
47.000 bin storage spaces
- Europallets: 2 lines with 2 ETV's
2,600 pallet storage spaces
- Central distribution loop with
1.500 bins per hour
- 13 commissioning spaces
(Pick by light)
- 24 packing places
- 4 dispatching lines
- Dispatch of 2,000 packets per day

Restructuring and extension of the distribution centre of the company soft-carrier

Soft-carrier is a special distributor for IT products and office supplies. More than 42,000 articles from the paper clip to computer accessories are administered, packed and dispatched. The largest portion of the orders is received online and is delivered within 24 hours. This requires a smooth materials flow and high availability.

When the order was received by Unitechnik the store was operated as a pure supply store. It offered space for 2,600 pallets and 15,000 bins and was equipped with goods reception and dispatch as well as with the corresponding conveyor technology. The actual commissioning was carried out at a different site of the company. It took place to a large extent manually.

The object of the assignment to Unitechnik was the tripling of the storage capacity to 47,000 bins, the exchange of all existing controls in the current operations as well as the development of a modern computer supported distribution centre.

Scope of Unitechnik contribution

- General contractor
- Control technology:
12 PLC's S7-400
Profibus-DP with 200 decentralised bus participants
- Warehouse management system:
UniWare warehouse administration and materials flow computer
Oracle data bank
18 client PCs
- Control cabinet construction, assembly, putting into commissioning and training
Service contract
- Shelf facility: SSI Schäfer
Conveyor technology: TGW
- Completion: 2004
- Regular extensions

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