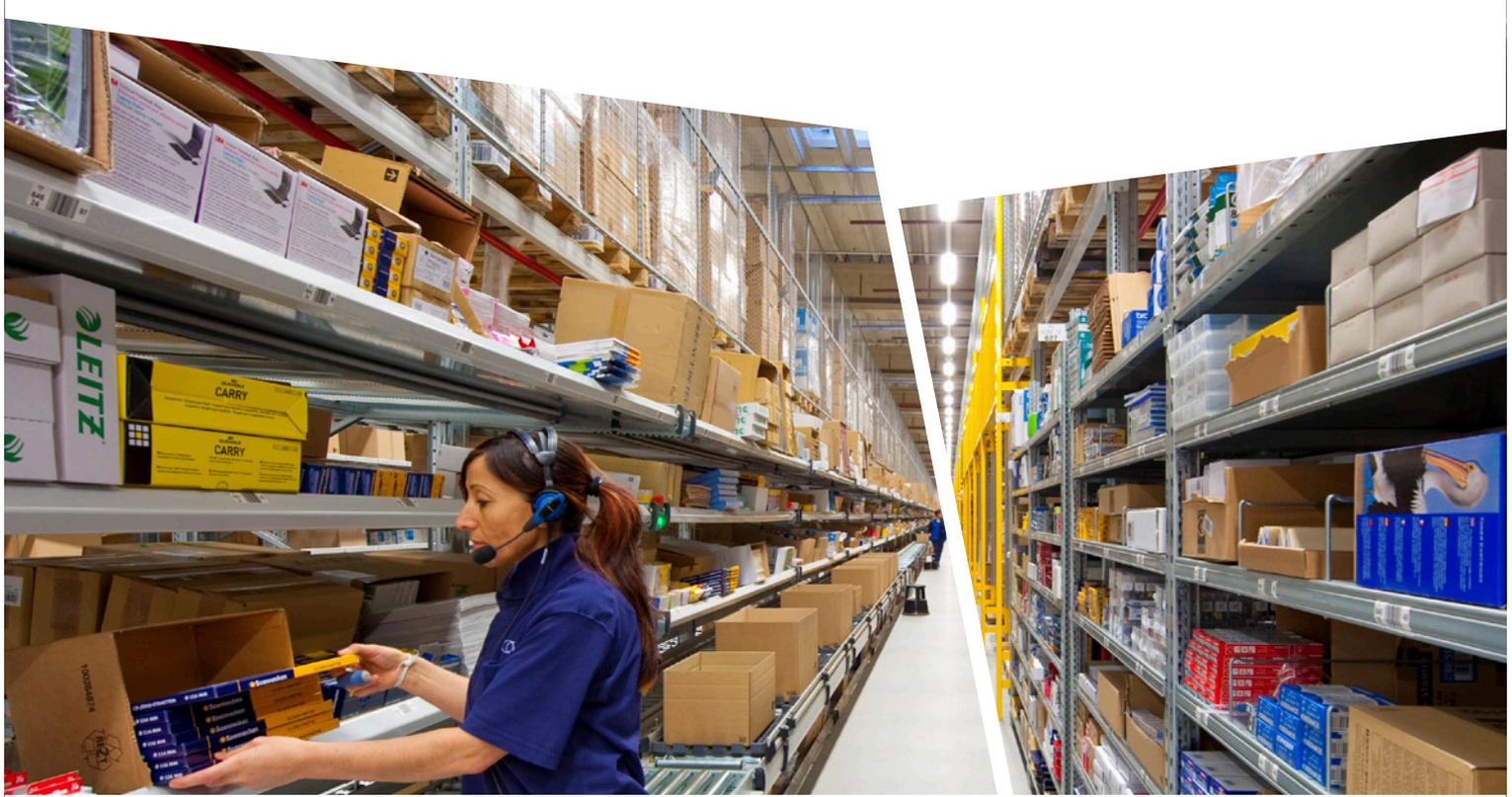


REFERENCE

Distribution center for office supplies



**UP TO 5000 PICKS
PER HOUR**



Soennecken
KRAFT GEMEINSAMEN HANDELNS

Unitechnik
PERFECTION AUTOMATED.



Soennecken
KRAFT GEMEINSAMEN HANDELNS

SOENNECKEN LOGSERVE GMBH

OVERATH, GERMANY

Key data of the facility

High-bay warehouse store
of silo design with
6000 pallet storage positions

Pallet conveyor with
incoming and outgoing goods,
picking and retrieval positions

Picking rack with
42 picking zones and
26,000 bins accessed

1.6 km of tray/carton conveyors,
up to 1800 trays / h
automatic carton erecting
Pick-by-Voice
Pick checking by weight
Photo documentation
automatic carton closers

Dispatch of 11,000 parcels with office supplies per day

Soennecken eG is the purchasing and marketing organization with the biggest turnover for office supplies in Europe. From Overath, about 570 specialist suppliers at over 1200 locations are serviced. The distribution previously handled by a third party logistics provider has been brought back to the headquarters of the company and is carried out by Soennecken LogServe.

Unitechnik has realized the complete logistics system as a general contractor. An automatic storage and retrieval system provides the goods for the picking platform. Very narrow aisle trucks with radio data terminals supply the storage bins in the 42 picking zones. Picking is done directly in the order carton by Pick-by-Voice.

The tray conveyors handle the transportation of the order cartons - from the automatic carton opener via the picking zones and the packing area to the automatic carton closer and the dispatch area. Up to 11,000 parcels and 600 pallets are leaving the Overath logistics center every day.

Scope of Unitechnik contribution

General contractor
Overall project management

Control equipment:
8 control systems implemented with
Simatic S7
Decentralized structures with Profibus

Warehouse management system:
UniWare with distributed cluster server
70 stationary work-stations
20 forklift terminals
30 handheld terminals
42 Pick-by-Voice devices
ProAlpha ERP coupling

Switchgear construction, installation
Commissioning and training

Subcontractors:
Steel structure silo HRL: Kocher
Roof/wall lining of silo: Wortmann
RBGs: Dambach
Picking platform: BITO
Conveyor equipment: TGW
and many others.

Completion: 2009

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