

REFERENCE

Logistic center for connection technology



JUST-IN-TIME DELIVERY
FOR THE AUTOMOTIVE INDUSTRY

VOSS

Unitechnik
PERFECTION AUTOMATED.



VOSS AUTOMOTIVE

WIPPERFÜRTH, GERMANY

Key data of the facility

- 2 Input lines for 1 62 trays per hour
- 1 Central distribution loop with 1.000 trays per hour
- 3-line warehouse with 3 stacker cranes (460 tray movements per hour) and 13.320 tray locations
- 4 picking stations
- 2 Output and packing spaces for 196 trays per hour

Made-to-measure components for cars and trucks

The VOSS Group from Wipperfürth in the Cologne area stands for quality and innovation in the area of line and connection technology for the international vehicle and engineering industry.

VOSS Automotive GmbH develops and supplies lines, manifolds, quick connect systems and fittings for pneumatic, hydraulic, exhaust and fuel systems for the automotive industry. Individual connection systems are developed for each type of vehicle and engine. These then have to be delivered just-in-time to the particular production factories around the world.

Here the logistics come into play. VOSS's newly built logistics centre houses the complete range of products. It consists of an automatic warehouse for small parts and a manual pallet store. The automatic warehouse for small parts provides space for more than 13,000 trays, these being stored double deep. The three stacker cranes transfer the trays to the central distribution loop. This loop connects the warehouse with the input lines and the picking / packing places. Picking is carried out in accordance with the goods-to-man principle.

Scope of Unitechnik contribution

General contractor
Overall project management

Control technology:
2 PLC'S Simatic S7-400
Profibus-DP

Warehouse management System:
UniWare for the materials flow
SAP LES for the warehouse management

Control cabinet construction, installation, commissioning and training
Service contract

Subcontractors:
Shelf facility: Lampe Lagertechnik
Conveyor technology: TGW
SAP LES: Salt Solutions

Completion: 2008

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