

Branch reference
Mechanical Engineering



The Customer

Göpfert is one of the leading machine manufacturers world-wide for processing corrugated cardboard. From its company headquarters in Wiesentheid, Göpfert manages and controls all steps from development to production and assembly through to global sales.

The Requirements

More than 32,000 parts ranging from the smallest screw to a roller weighing more than 5 tons are held available in different warehouse types. In order to expand production and sales, the principle of manual warehousing needed to be fundamentally reconsidered. Increased safety, transparency and speed were the focus of the expansion of the site with new intralogistics.



Göpfert
 Mehr Maschine.



Multilevel shuttle system with 3 KlinCATs and 6,720 container storage locations

The Solution

The manual processes for the assembly line and spare parts supply were replaced by an automated, compact warehouse and paperless order picking. The new automation solution combines a container and pallet warehouse including pre-zone and order picking workstations thus ensuring a smooth and optimized flow of materials. In a second stage of expansion, the system was extended by a high-performance multilevel shuttle warehouse with three KlinCATs and a conveyor bridge connecting the shuttle warehouse with the existing system and the order picking and goods receipt workstations.

Advantages for the Customer

High and continuous transparency, faster processes in the goods receipt and shipping area and minimization of the error rate are significant advantages. Thanks to the intelligent material flow concept, the networked software and the new automation solution, Göpfert is one step ahead of its competitors also in terms of intralogistics.

Data and Facts

- 1-aisle, double-deep, automated shuttle warehouse with 3 KlinCAT multilevel shuttles and 6,720 container storage locations
- 1-aisle, automated pallet high-bay warehouse with 1,708 storage locations
- 1-aisle, automated small-parts warehouse with 8,316 container storage locations
- Flexible sectioning into up to 16 different compartments per container
- Conveyor-bridge
- 12 workstations for order picking, goods receipt and quality assurance
- Besides the automated storage areas, the warehouse management system KlinkWARE® integrates several lift storage areas, a manual high-bay warehouse, three block storage areas, a shelf storage, a cantilever storage and a crossdocking block storage
- 8 assembly line storage areas and 15 pre-assembly workstations are connected to the warehouse management software via stacker control system

Pallet high-bay warehouse



Order picking workstation with warehouse management system



Pre-zone of the multilevel shuttle with conveyor-bridge

