

Weiss Chemie + Technik GmbH & Co. KG, Haiger



Founded in 1815, Weiss Chemie + Technik GmbH focuses on the production of adhesive and composite elements. Due to dynamic company growth, the company carries out the installation of semi-automated warehousing technology and the implementation of a state-of-the-art warehouse management system for the Composite Elements business unit at the Haiger location. After detailed research and concrete reference visits, PSI received the contract for delivery of its PSIwms warehouse management system. In the warehouse at the Haiger location, there are 750 pallet storage spaces in 14 rows of mobile shelves, with each of up to four pallets standing over one another. In total,

approx. 2,500 items need to be managed by PSIwms with various carriers. Additional storage spaces are available in a block storage area. Within only three months, the sliding shelf facility and additional storage spaces can be completely controlled and managed by PSIwms. During a short-term project phase, the Production division and the entire material flow of the Composite Materials division was integrated into PSIwms. Furthermore, the PSI Logistics “Transport Control” forklift guidance system was used for optimisation of the shipments between the warehouses and production machinery.

Additional integration of the Chemical division

Due to the successful course of the project and the functional options offered by *PSIwms* to Weiss Chemie, the Chemical division was also equipped with the PSI Logistics warehouse management system. The 75 storage areas of this division encompass approx. 2,300 large pallet storage spaces, in which an average of 3,500 transport units are stored. Furthermore, four tanks and an external storage facility are integrated into the processes. In total, more than 5,000 tons of adhesive, 770 tons of cleaner and 800,000 square metres of sandwich panels for the construction industry are produced. The most important functionalities of *PSIwms* which were utilised:

- Production supply
- Entry of the goods inward and goods outward processes
- Dynamic storage space conversion with several pallets on a triple euro storage space
- Management of mixed pallets
- Pre-commissioned, stored customer orders
- Strategies for route optimised order processing

The integration of a warehouse control station was also of significant importance, through which the orders and processing status, as well as the settings of the forklift control system are displayed.

One server for two divisions

In another project, both business divisions, Composite Materials and Chemical, were combined on one server using cross-location administration tools in *PSIwms*. On the one hand, the individual locations of the divisions can be administered, shut down and modified in their own process landscapes. On the other hand, a super user can gain an insight of the stocks and situations of all locations. Therefore, a dedicated server and databases do not need to be set up for each client and each warehouse. Furthermore, all of the warehouses profit from the overall functionality of the system and can rely on the innovations of *PSIwms*.

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