ROTHBAUM
CONSULTING ENGINEERS

WOLF

Consulting, planning and realisation of logistics campus Siegenburg

Conception, planning, tendering, provider selection and implementation support

An overview

With the new logistics campus in Siegenburg, Wolf's logistics structure is being optimised and designed for the company's future development. The necessary warehouse capacities, storage and logistics processes were analysed in detail and adapted to the future requirements. The optimum degree of automation of the warehouse areas was also defined and evaluated in an overarching business case.

Wolf GmbH

- Leading system provider of heating, ventilation and solar technology based in Mainburg
- Part of the Ariston Group, a global specialist for heating systems
- 2,000 employees generate over EUR 450 million in sales
- Globally active with subsidiaries and partner companies in more than 50 countries

Services

- Concept and detailed planning of the future logistics system
- Implementation support / PMO for the logistics campus in Siegenburg
- Preparation of tender documents and coordination of the selection process
- Coordination of all project participants of Bau-Gus within the HOAI phases 1-5 as well as the implementation of SAP EWM and SAP TM

Results

- Layout planning for the future logistics campus in Siegenburg
  - More than 21,000 pallet spaces and more than 16,000 small load carrier spaces
  - Over 24,500 m² of hall space
- Comparison of offers from various providers regarding warehouse technology and industrial trucks as well as recommendations for the selection of a provider
- Coordination of several parties involved in the design and approval planning to determine the building requirements

Project description

Heat pumps are one of the products manufactured at the main site in Mainburg. In order to optimise the plant for the future requirements of heat pump production, the logistics system must also be further developed. To this end, a logistics campus is being built in the immediate vicinity of the Mainburg plant, which will be used for distribution and production supply. Together with Rothbaum, the requirements for the new logistics system were defined and the logistics campus, including the warehouse structure, was designed and a profitability analysis was carried out.

Procedure

First, the Rothbaum consultants worked with Wolf employees to gain an overview of the processes in the specialist areas of production, supply chain and logistics by analysing processes and recording data. Based on the data analyses, the optimal plant layout and logistics requirements were derived. As part of the logistics campus concept, various plots of land were examined and the buildings and warehouse structure were designed.

Results

The first step in the project was to plan the plant structure. Due to the expected growth in heat pump production, additional space had to be created in the plant for production. Typically, logistics areas are freed up for this purpose in order to ensure efficient production processes. This was also the case in this project. This necessity is also an opportunity to redesign the logistics system and organise it just as efficiently to meet future requirements.Following an in-depth analysis of the current situation and growth scenarios, the development of various logistics concepts with different warehouse technologies, the examination of various plots of land in the surrounding area and a comprehensive evaluation as part of a business case, the ground-breaking ceremony for the Siegenburg logistics campus took place on 11 September 2023.

‘Rothbaum's methodical approach and analytical expertise have decisively advanced our factory and logistics of the future.’

Fabian Dietz,

Head of Supply Chain & Logistics
Wolf Brink Cluster

I look forward to your questions!

Philipp Carl

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