



ONE HALL, ONE PARTNER, ONE CONCEPT FOR SUCCESS

Case Study // Yanmar Compact Equipment Europe

You don't always have the luxury of planning a warehouse around your desired logistics concept; this was also the case for Yanmar Compact Equipment Europe at the company's Rothenburg o. d. T. site, where a former production hall was to be converted into a logistics center. Linde Material Handling supplied the planning, racking construction, logistics concept, and suitable equipment – all from a single source.

YANMAR

Company: Yanmar Compact Equipment Europe, Rothenburg o. d. T. (Germany)
Industry: Mechanical engineering
Task: Construction of a high-performance logistics center in a former production hall
Linde solution: Development and implementation of a holistic racking and logistics concept and supply of matching very narrow aisle trucks

Task

As part of the Japanese engineering group Yanmar, Yanmar Compact Equipment Europe supplies customers in the EMEA region with spare parts for different construction equipment. During a warehouse consolidation, a former production hall in Rothenburg o. d. T. with special structural requirements had to be converted into a modern logistics center. Linde Material Handling was entrusted with the task of supplying suitable industrial trucks, designing the racking, and developing a holistic logistics concept.

Challenge

Since the construction of a new building was out of the question, the racks had to be optimally integrated into the comparatively low hall, which had many pillars and crossbars. After completion of the very tightly scheduled project, as many pallet spaces as possible were to be available for goods of different sizes.



More space than expected Linde supplied Yanmar with trucks, racking, and a sophisticated logistics concept – all from a single source. The result: smooth processes and more storage space than requested.

Solution

In close dialogue with the customer, a customized shelving concept was developed with 25 shelves and compartments in four different heights. The racks were built around the vertical pillars so that no storage space was lost. A perfect solution was also found for the safety-critical cross beams in the form of the Linde K trucks' aisle safety assistant: The beam contours are recognized by RFID tags so that the mast is automatically lowered, and the employee can easily drive under the edge.

Advantages

Since the Linde network partner in charge of the project acted as a central contact partner for all project steps, from planning to the installation of the racking on site through to the delivery of the trucks, the project was completed within two and a half months. In the end, it was even possible to exceed the 7000 pallet spaces requested by almost 1,200 spaces.



»The ‚one-stop shop‘ principle is far more effective than having to painstakingly coordinate different solutions for a project of this scale.«

Markus Köhler, Director Aftermarket
CE Europe, Yanmar



Exchange of ideas on equal footing Thanks to the continuous on-site coordination, the complex project was completed in just a few months.

Roll it!

The button leads you directly to our video, which shines a light on the project at Yanmar in all its facets.



Linde Material Handling

Linde

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