Pallet racking system and small parts storage for Internorm in Damme.

Equipment solution for a new warehouse.

JUNGHEINRICH

Project:
Internorm, Damme, Germany
Industry:
Manufacturing industry
Task:
Construction of a new warehouse and increase of storage capacity
Project duration:
10.2014 – 10.2016
Services:

- Consulting and project planning for complete racking system including: Jungheinrich multi-bay pallet racking with eight aisles and 6,216 pallet positions, four-storey modular racking system with 1,120 shelves and a storage area of 155 m² as well as cantilever racking with approx. 870 m² storage area
- Jungheinrich ETV Q

Most important results:

- Expansion of storage capacity by approx. 4,000 pallet positions
- Comprehensive warehouse planning
- Successful partnership from project planning to implementation

Plastics technology with expertise and responsibility

Based in Damme (South Oldenburg), Internorm stands for outstanding technical performance, innovation and quality. Since 1987, Internorm has been developing and producing high-quality synthetic products with around 200 employees. The product portfolio ranges from rolls and roll coatings to polyurethane plastics, moulded parts and injection-moulded items. With modern and high-performance products, Internorm has now developed into a medium-sized company – with a focus on customised solutions for the international market.

Market growth as a challenge

Due to steady growth, Internorm decided to disconnect their production from the storage. Thus, a completely new warehouse with a total area of 4,200 m² was built in Damme. Following a requirement and material flow analysis as well as a comprehensive consultation, the decision was made for a combination of wide-aisle multi-bay pallet racking with a modular racking system and cantilever racking.

Comprehensive warehouse planning by Jungheinrich

Internorm's choice for the project's realisation landed on Jungheinrich as one of the leading suppliers of racking systems in intralogistics. From the very beginning, Jungheinrich collaborated with Internorm in analysing, planning and then constructing the warehouse and thus developed and implemented a tailor-made racking system.

The requirement

Decoupling of production and storage

Thus far, Internorm's production and storage had been combined in one building. With the steady growth in recent years, the existing storage capacity was no longer sufficient. Thus, the decision was made in favour of a new warehouse. In order to achieve greater flexibility and storage capacity, the production is now separated from the storage area. In addition, the storage of plastic products required increased fire safety. Further, besides storing small parts, Euro pallets and longitudinal goods, the storage of grid boxes had to be taken into account, since Internorm uses different loading aids for different customers.

The solution

Holistic consulting and tailor-made racking system

In order to increase the overall capacity, a new storage system from Jungheinrich was built on a floor area of 3,000 m^2. The tailor-made racking system consists of multi-bay pallet racking, modular shelving and cantilever racking, which guarantee both an efficient storage of all goods as well as smooth order-picking operations. In addition, Internorm opted for the Jungheinrich ETV Q, which – thanks to its electric all-wheel drive system – is able to transport loads with a length of up to 8 metres in a space-saving manner.

Customer statement

Jungheinrich – an established rack supplier

"As an established rack supplier, Jungheinrich prevailed ahead of several other competitors during the tender," explains Thorsten Trumme, Head of Logistics at Internorm. "The critical factor for choosing Jungheinrich as a partner was their comprehensive consulting and professional cooperation during the entire selection process," says Trumme.

Thorsten Trumme, Head of Logistics, Internorm, Damme, Germany.

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