

Complete intralogistics solution for GLX near Berlin.
New distribution centre with tailor-made storage system and optimised picking performance.

 **JUNGHEINRICH**

Project:

GLX Global Logistic Services GmbH, Freienbrink, Germany

Industry:

Logistics services

Task:

Development of a complete intralogistics solution for the construction of a new distribution centre

Project duration:

04.2017 – 06.2017

Services:

- Jungheinrich pallet rack – type MPR B – with 15,047 storage locations
- Jungheinrich modular racking system with approx. 3,500 shelves and a total of approx. 10,500 storage locations
- 20 Jungheinrich trucks
- Special adaptations for enhanced fire protection

Most important results:

- Increase of the volume of goods as well as of the overall capacity
- Maximised order-picking performance
- More efficient processes and shorter picking times

Medium-sized logistics service provider

The GLX Group was founded in 1999 and has since become a successfully growing company in the field of Supply Chain Management.

The company provides logistics packages from complete warehousing via in-house and outsourcing solutions to worldwide transport services. With more than six locations and around 250 employees, GLX generates a yearly turn-over of approx. 20 million euros.

Response to changed market conditions

The strong market growth of the customer Knorr Bremse caused the GLX warehouses in Berlin-Marzahn and Augsburg to reach their capacity limits. The additionally required storage capacity made it necessary to expand the storage space with the construction of a new distribution centre. Merging the two locations into one new site was not only in line with the specific requirements of the GLX Group but also offered the opportunity to exploit synergies and increase efficiency.

Jungheinrich - everything from a single source

For the construction of the new distribution centre, GLX was looking for a full-service provider as well as a single contact person with project responsibility. After a thorough selection phase with strong competition, the customer opted for Jungheinrich, as GLX has already been relying on Jungheinrich trucks for a long time. Together, the two companies developed an entire intralogistics solution for which Jungheinrich supplied all essential components from a single source.

The requirement

Increase in storage capacity and efficiency

GLX's investment into a new distribution centre resulted from the two locations in Berlin-Marzahn and Augsburg reaching their capacity limits. By building the new distribution centre, the goal was to significantly increase the storage capacity. During the planning phase, Jungheinrich together with GLX analysed all logistics processes in detail. The greatest challenge turned out to be the enormous range of products that had to be stored.

Besides an efficient storage process, GLX also expected fast and flexible retrieval processes for every individual order-picking operation.

The solution

Complete intralogistics package

The new and 15,000 m² large distribution centre is located southeast of Berlin, from where GLX is now operating the European HUB for its clients' spare parts logistics and after sales services. A special feature of the Jungheinrich solution is the modular racking system. Here, small casks and containers are stored and retrieved in four aisles with about 10,500 storage spaces, being operated by two inductively guided Jungheinrich vertical order pickers of the type EKS 210. Additionally, the modular racking system offers a special solution for fire protection to prevent the use of a rack sprinkler system. The Jungheinrich solution also includes a wide-aisle heavy-load pallet racking system with approximately 15,000 storage spaces, which is operated by reach trucks. In total, 20 Jungheinrich trucks are used for transporting within the warehouse, which is 140 metres long and 110 metres wide.

Customer statement

Jointly developed solution – from beginning to end

"From beginning to end, the entire solution was developed together with Jungheinrich," explains Roland Becker, Managing Director of GLX Global Logistic Services. "The Warehouse layout and material flow are perfectly adapted to our requirements. Jungheinrich provided a complete intralogistics package and we are now benefiting from a tailor-made storage system including an innovative order-picking system," says Becker. And GLX is already planning for the future. "We are planning to equip our vertical order pickers with the Jungheinrich warehouseNAVIGATION, which is directly connected to the SAP system. Jungheinrich has already delivered the necessary components for the installation of the warehouse navigation system."



Roland Becker, Managing Director,
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