

AUTOMATED WAREHOUSE TECHNOLOGY FOR WACKER NEUSON.

Since 1848, the name Wacker Neuson has stood for reliability and innovation. The company's construction machinery and equipment, such as rammers, rollers and excavators, are very popular among customers. For a long time, these products were sold and distributed via manual processes. But now Wacker Neuson is laying the groundwork for new growth: an automated warehouse is to improve the company's response times. Based on a sophisticated concept including a comprehensive material flow analysis and a safe construction project, Jungheinrich has enabled Wacker Neuson to successfully automate all its warehouse processes – thus allowing the company to serve its customers with even greater speed and efficiency.

FLEXIBLE RESPONSE.

Wacker Neuson serves the main construction trade, the gardening and landscaping sector as well as municipal and industrial customers. With business booming, the company wants to tap into its full potential. A new, largely automated storage concept from Jungheinrich is to replace the current manual processes and thereby raise the reliability of Wacker Neuson along with its customer focus and proximity.

RELIABLE PARTNERSHIP.

The project highlighted not only Jungheinrich's flexibility and expertise, but also the strength of the partnership between Wacker Neuson and Jungheinrich. Harald Günthner, project manager at Wacker Neuson, has nothing but positive things to say about the collaboration: "The true test of a partnership is when things don't go entirely to plan. Jungheinrich tackled the challenge head-on and demonstrated how we can work together to achieve a positive outcome."

PASSED WITH FLYING COLOURS.

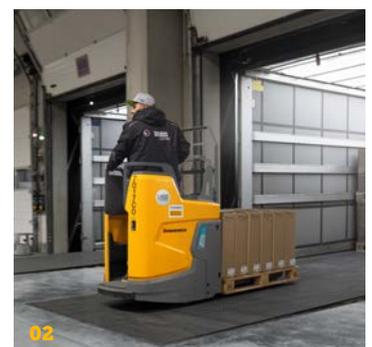
Upon completion of the warehouse, all parts and elements were subjected to a thorough stress test. This involved Jungheinrich performing detailed measurements over the course of a complete shift. The final test confirmed that the warehouse and material flow functioned in line with the original calculations. This left Wacker Neuson safe in the knowledge that they had made the right choice by opting for an experienced service provider offering everything from a single source.

01
Stationary chargers for quick and intermediate charging enable maximum availability of trucks with Lithium-ion batteries.

02
Li-ion trucks ensure optimised productivity in the manual warehouse area.

From the material flow analysis to the construction project.

During the project, Jungheinrich demonstrated its decades of experience in this sector and tackled even unforeseeable challenges in a flexible and solution-oriented manner. Even the integration between the software and hardware of the warehouse proceeded without any issues – despite the significant time constraints faced in the project.



THE PROJECT AT A GLANCE



Customer:

Wacker Neuson Produktion
GmbH & Co. KG

Sector:

construction machinery

Company size:

6300 employees

Location:

Reichertshofen (Bavaria)

CHALLENGE

Construction of a new warehouse for construction equipment and machinery including conversion from manual to automated warehouse operation – for faster and more efficient processes.

JUNGHEINRICH SOLUTION

Modern high-bay warehouse with pallet conveyor technology including control and visualisation as well as Jungheinrich WMS/WCS with SAP interface.

RESULTS

Extensive automation accelerates workflows and reduces the employee workload. The company can make optimum use of the storage space.

IMPRESSIONS

The highly complex and automated warehouse with double-depth storage and 8,416 storage locations in the high-bay warehouse ensures optimal use of the space.



Lithium-ion trucks supplement the automated storage system for a smooth flow of materials.