

Success Story

Weber-Hydraulik

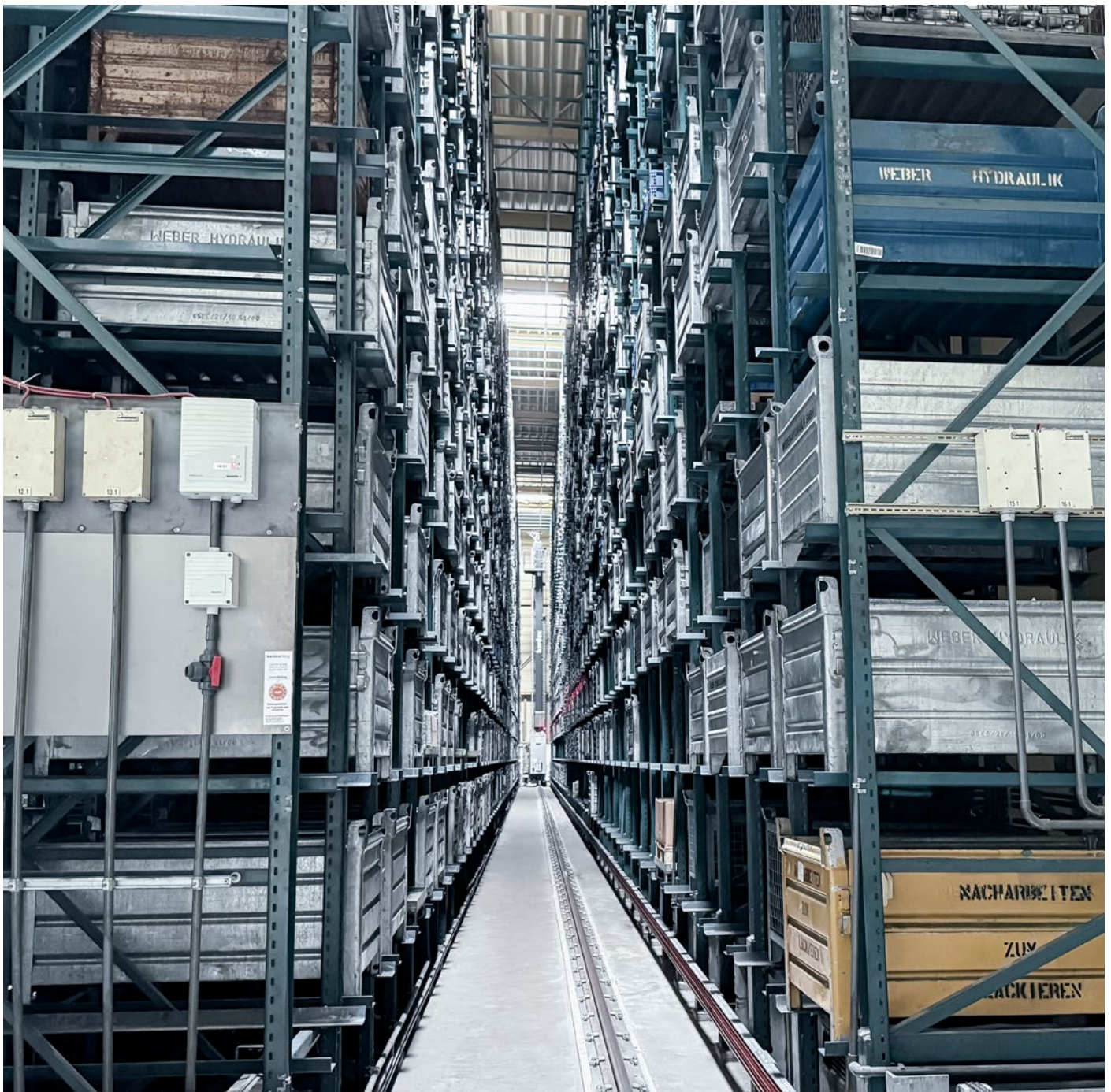
Refurbished in just 3 weeks



WEBER-HYDRAULIK



kardexmlog



At a glance

Refurbished and optimized

At the headquarters of the family-owned WEBER-HYDRAULIK in Güglingen, Baden-Württemberg, Kardex has refurbished a 2-aisle, high-bay warehouse used as buffer storage for the production area. WEBER-HYDRAULIK manufactures high-quality cylinders, control systems, steering and suspension systems, valves and power units for mobile machinery, special purpose vehicles, machine tools, and rescue devices.

Ergonomics, safety, and transparency

Kardex and the task

The buffer storage for the production supply at WEBER-HYDRAULIK GMBH's headquarters in Güglingen was showing signs of age. It was time to completely redefine the entire process. The 2-aisle automated high-bay warehouse, which had been installed by a third-party provider, had to be fully refurbished within a short timespan of three weeks.

The project included the replacement of two stacker cranes and the refurbishment of the conveying technology with two transfer carriages, as well as five height-adjustable picking stations and two weighing terminals. Additionally, a material flow system with customized design was installed.

Solution

In addition to the replacement of the two stacker cranes, Kardex also installed an additional storage line, an extra distribution vehicle with a camera, and two additional removal conveyors. Improvements were also made in the picking area: This now takes place at five ergonomic, height-adjustable workstations with hydraulic scissor-lift tables.

The new concept is also evident in two newly configured pick-up and set-down stations: The elimination of the supervisor cabin has created room for additional storage spaces. The goods are set down to the side and are picked up by forklift truck. Now, eleven different load carriers can be stored without the need for pallet switching.

Overall, WEBER-HYDRAULIK benefits from greater plant safety and higher transparency through the Kardex MFlow material flow system, which is connected to SAP.

**Fully
refurbished**
in just 3 weeks

**Ergonomic
picking**

**Material
flow system**
made to measure



Scope of delivery



2 stacker cranes of type Kardex MSingle A with aisle equipment and automatic control



Two distribution vehicles, five height-adjustable picking stations and two weighing terminals



Kardex Control Center with Kardex MVisu plant visualization, Kardex MFlow material flow system, and Kardex WMS warehouse management system

Efficiency, experience, and reliability

Besides numerous reference projects and the high level of vertical integration at the company's location in Neuenstadt, the Kardex Mlog proposition offered excellent value for money. Kardex Mlog was also the only provider who could guarantee completion of the refurbishment within the allowed time. WEBER-HYDRAULIK also took into account the positive experiences from earlier projects it had carried out with the Kardex Group. At the Güglingen location, for example, seven small-parts and shuttle storage facilities supplied by Kardex Remstar have been in use for several years.

“We can see the positive effects of the refurbishment, and at the same time, we have been very impressed by the on-time and extremely reliable work done by Kardex Mlog. The competent and experienced Kardex Mlog project team was always approachable and the support we received was first class.”

Chris Gulyasch, Project Manager at WEBER-HYDRAULIK



High-precision replacement

In the first step, the Kardex Mlog team disassembled the stacker cranes from the third-party provider, which were worn out after a service life of 30 years. These were then removed by a crane via an opening in the roof. Two new machines of type MSingle A with aisle equipment and automatic controls were then installed via the same route. Light grids and an access concept with keys ensure high plant safety. The high-precision replacement operation was completed exactly as planned and on schedule.

Efficient extension of goods receipt

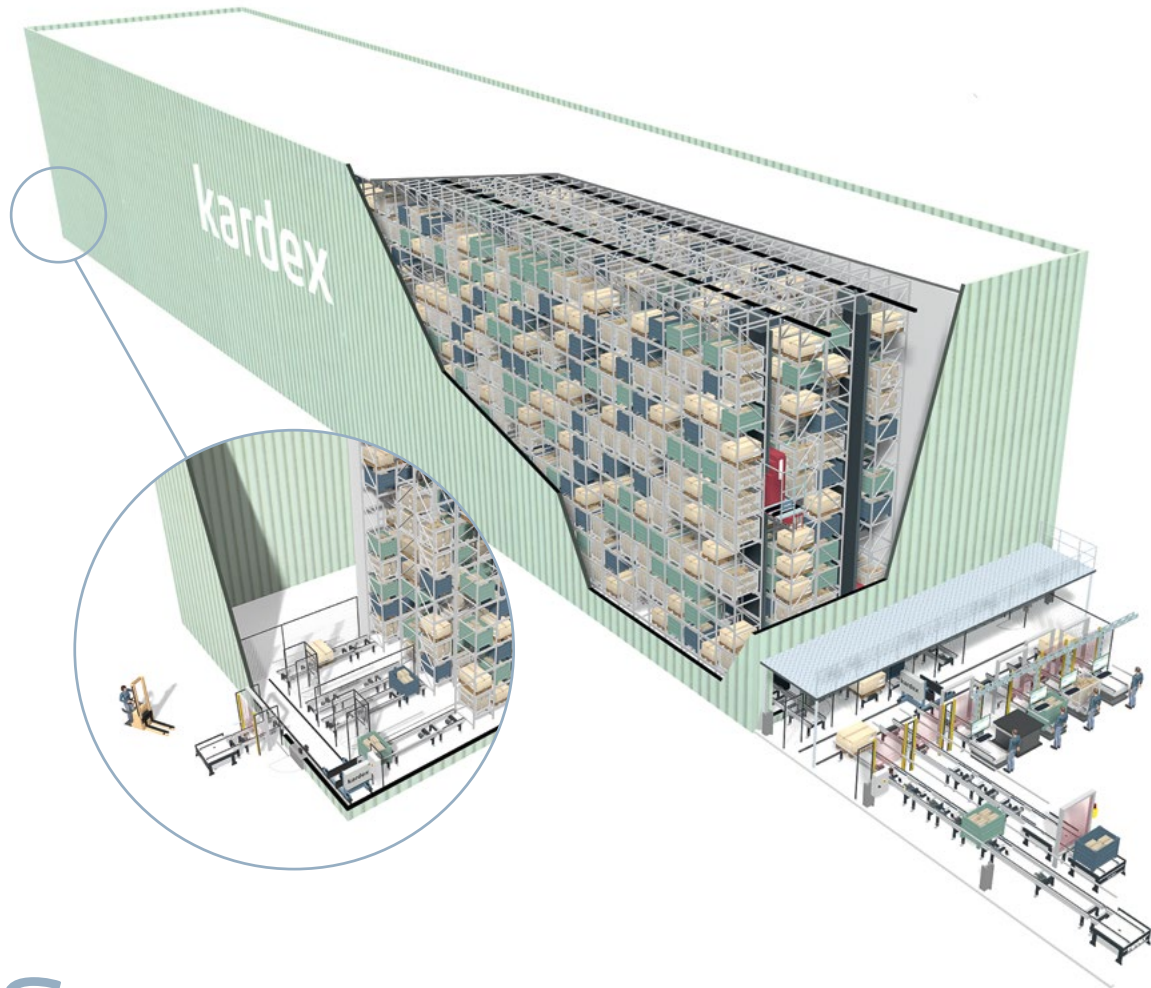
Kardex Mlog installed an additional storage line in goods receipt, an extra distribution vehicle with a camera, and two more removal conveyors.

Optimization in the picking area

Picking now takes place at five ergonomic, height-adjustable workstations. The new plant design is also evident in two newly configured pick-up and set-down stations: The elimination of the supervisor cabin has created room for additional storage spaces.



Picking before and after. Improvements were also made in the picking area: This now takes place at five ergonomic, height-adjustable workstations.



Summary

The on-time refurbishment completed in just three weeks provides WEBER-HYDRAULIK with several benefits. Goods receipt has been optimized, and plant availability has been increased. Plant safety and transparency have also greatly improved. The pickers now work at workstations that are significantly more ergonomic. It is no wonder that project manager Chris Gulyasch from WEBER-HYDRAULIK has a positive review: "We can see the positive effects of the refurbishment, and at the same time, we have been very impressed by the on-time and extremely reliable work done by Kardex Mlog. The competent and experienced Kardex Mlog project team were always approachable and the support we received was first class."