

Jungheinrich customer reference

Healthy growth at MSK in Bensheim.



JUNGHEINRICH

Smart pharmaceutical logistics with automated assistance.

As a holistic full-service provider in the pharmaceutical industry, MSK has been impressing with a wide range of services for 25 years. An extensive logistics centre spanning 10,000 square metres gives the customer new scope to achieve its impressive corporate visions. MSK has always utilised the entire range of Jungheinrich logistics services in order to meet complex customer requirements. In the new warehouse in Bensheim, a combination of racking systems, tray lifts, industrial trucks and software solutions ensures the timely delivery of medicines and medical devices, supported by the arculee S autonomous mobile robot.

SUPERIOR SUPPLY CHAIN MANAGEMENT.

When transporting prescription medical products or delicate cosmetics, the demanding logistics in the pharmaceutical and healthcare sector must observe strict regulations. As well as considering the needs and temperature requirements of delicate products stored between 2 and 25°C, transparency, security and time management also play a major role. After all, failures in the medical sector can endanger human lives. In order to ensure the safe and GDP-compliant implementation of daily logistics processes, MSK relies on a holistic logistics solution for a seamless, verifiable GDP supply chain.

INNOVATIVE, FLEXIBLE AND EFFICIENT.

In addition to pallet racking for 17,000 storage locations, which is serviced by a powerful lithium-ion fleet of trucks, two tray lifts carry out the dynamic, automated transport of small parts at a height of up to 10 metres. As a result, the newly created warehouse capacity is used optimally. Versatile racking structures, ranging from multi-bay racking and live storage racking to shelving, allow projects to be executed with maximum flexibility, while the Jungheinrich Logistics Interface acts as a smart interface between processes and machines. It maximises the transparency of warehouse processes by displaying stock in real time and, at the same time, increases process reliability and efficiency.

DEBUT FOR THE ARCULEE S AMR.

The new MSK warehouse in Bensheim is unique because it is not completely rectangular, which had to be taken into account when planning and implementing the logistics solution. It also houses MSK's first Autonomous Mobile Robot. The arculee S from Jungheinrich is a first step towards

automation for the pharmaceutical logistics company. In the packaging area, the mobile robot will actively support the movement of picked goods and thus minimise the downtime and running times of the industrial trucks. Even the architecturally unique angle of the logistics centre has been put to use as an order picking area in order to save space.

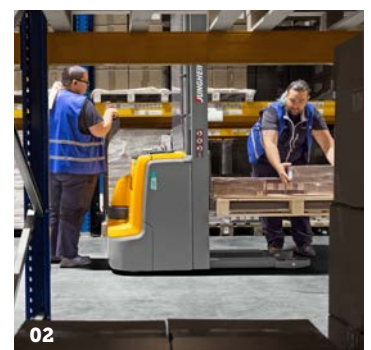
Corporate development with a steep growth curve.

STRONG PARTNERSHIP WITH REGIONAL PROXIMITY.

MSK is synonymous with family solidarity. M stands for Marion, S for Simon and K for Klaus-Dieter, so it stands to reason that regional projects and proximity to customers and business partners are particularly important to the Hess family managing this medium-sized company in the Rhine-Main-Neckar metropolitan region. It's good news then that the Jungheinrich branch office is only about one kilometre away as the crow flies. "During every expansion phase, Jungheinrich has provided optimum support with tailor-made intralogistics solutions," says Managing Director Simon Hess. "Plans for the next new warehouse building are already underway, and we have already decided that this project will be implemented with the help of Jungheinrich".

01
Flexible efficiency booster: the arculee S is the first Autonomous Mobile Robot to provide support in the MSK warehouse.

02
EJC 214 lithium-ion stacker trucks ensure consistent availability during the transport of delicate medical and cosmetics products.





// We have grown together with Jungheinrich – and have continuously developed our pharmaceutical logistics. //

Simon Hess
Managing Director
MSK Pharmalogistic GmbH

**We speak to
Simon Hess,
Managing Director
of MSK Pharma-
logistic GmbH**

How would you describe the current project and the collaboration with Jungheinrich?

Jungheinrich has supported us from day one, as we have been working with the logistics service provider since the company was founded. Following the tender for our new logistics centre in Bensheim, which commenced operations in 2023, the contract was once again awarded to Jungheinrich. We were immediately impressed by both the concept and the pricing. We are very happy that our existing intralogistics partner will continue to support us in the future. At our Bensheim location, Jungheinrich provided us with pallet racking for around 17,000 storage locations, vertical lift systems for automated small parts picking, software and, of course, industrial trucks.

The package supplied also included an arculee S Autonomous Mobile Robot – can you describe your experiences with the AMR?

The AMR arculee was presented to us at LogiMAT and immediately impressed us. Since our volumes are currently too low for automation on a large scale, the mobile robot is the perfect solution as it can respond quickly to changing requirements. The arculee is currently still in the testing phase. Its assignment will be to handle picked goods in the packaging area. With the added practical benefit that if we need automated support quickly in another warehouse, we can simply pick up the robot and move it elsewhere. This gives us maximum flexibility. By purchasing the AMR, we were able to dispense with the materials handling equipment originally planned.

How do you benefit from your regional proximity to Jungheinrich, and are you satisfied with its services?

As the crow flies, we are less than a kilometre away from Jungheinrich. Naturally, we benefit from this. We can get to know each other better and work together on exciting regional projects. As a medium-sized company, we always feel that we are treated as equals by Jungheinrich. We cannot afford failures, especially in the pharmaceutical sector, as medical products and, ultimately, lives are at stake. It is our top priority to always have a contact person close at hand who can guarantee smooth logistics operations. We are very satisfied with the prompt response from the Jungheinrich Service team and would definitely recommend them as a partner.

DAS PROJEKT AUF EINEN BLICK



Customer:	MSK Pharmedlogistic GmbH
Sector:	Pharmaceuticals
Company size:	Approx. 100 employees
Location:	Bensheim, Germany
Warehouse size:	Warehouse size of 10,000 m ²

CHALLENGE

Developing the maximum warehouse capacity in the newly built logistics centre and creating a GDP-compliant storage area for pharmaceuticals and medical devices across 10,000 square metres.

JUNGHEINRICH SOLUTION

Pallet racking system for 17,000 storage locations, vertical lift systems for automated small parts picking, lithium-ion industrial trucks, Jungheinrich Logistics Interface and an arculee S Mobile Robot.

RESULTS

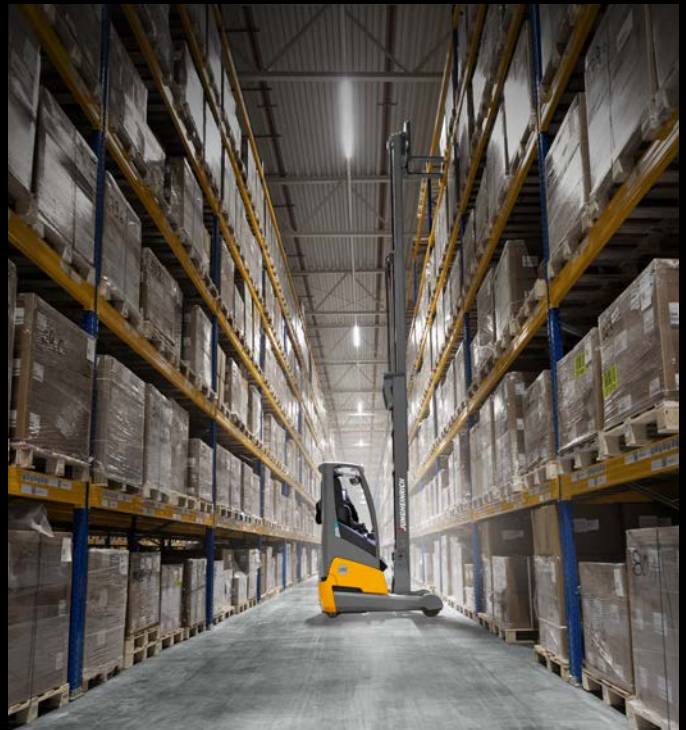
Holistic logistics solution from total solution provider Jungheinrich, with high process efficiency and transparency through real-time stock management. Fast, reliable customer support thanks to regional proximity to the customer.

IMPRESSIONEN

Tray lifts for high-density storage with a small footprint ensure optimum order picking performance for automated small parts transport.



The powerful lithium-ion fleet also includes an ETV 216i for safe, efficient storage and removal at heights.



Thanks to 360° safety sensors, the arculee S reliably detects obstacles in its path while it transports smaller load carriers autonomously.

