

König + Neurath

Intralogistics system that adapts to growth with independent commissioning

INDUSTRY

Office furniture

PLACE

Karben, Germany

DELIVERY

September 2022

SOLUTION

Automated intralogistics in the manufacturing of office furniture

THE CUSTOMER

As a leading office furniture and space solutions brand, König + Neurath works with retailers to support customers throughout the entire office furnishing process. The family-owned company, founded in 1925, manufactures at its headquarters in Karben, and has five showrooms in Germany as well as offices in France, England, Austria, Switzerland, and the Netherlands.



INITIAL SITUATION

König + Neurath is an office furniture manufacturer that designs working environments and work cultures. This holistic approach goes far beyond being just a supplier of tables and cabinets. The company is extremely customer-oriented and works only on a commission basis. König + Neurath is on their way to a matrix manufacturing.

At the end of 2020, together with a new high-bay warehouse, the decision was made to automate intralogistics processes with automated guided vehicle systems. In metal production, the individual process stages from the laser cutting machine to the edging machines to the paint shop needed to be more effectively interlinked.

» We need to adapt our work environment on a regular basis. That is why we need an open, flexible system that we can adapt ourselves. We found this kind of solution only from Grenzebach. «

Dirk Fischer

Head of Technology König + Neurath



CHALLENGES

The working and production environment at König + Neurath is always changing. That's why the company was looking for a flexible solution that would grow with its needs. This was associated with the wish for a high degree of independence. The company wanted to be able to adjust vehicles, lines, stations, and even commissioning itself in order to be more flexible.

IMPLEMENTATION

In close cooperation with the customer, Grenzebach developed and installed an intralogistics concept for metal production. The on-site conditions were analyzed, design plans were drawn and coordinated with the customer and their requirements. The first step was to install the universal control system, eight L1200S vehicles and thirteen stations. Test routes were set up for the comprehensive training of employees.

Grenzebach qualified their customer to adjust and commissioning themselves. Design, installation, training, and commissioning have all taken place during the ongoing production. As a result, the production process was not interrupted, instead the transition to the new system was smooth.

BENEFITS

Scalable

The intralogistics system can be adapted, expanded, and developed at any time.

Comprehensive

Grenzebach trained König + Neurath to independently adjust and also commission vehicles and stations.

Future-proof

The system is designed to expand in line with future requirements without immediately reaching its limits.

CONCLUSION

As an active journey partner, Grenzebach guided the customer to their destination. The AGVs now travel around 160 km per week, transporting around 1,000 goods carriers. Despite the high degree of independence of König + Neurath regarding adjustments and commissioning, Grenzebach will continue to be the partner in this process and will accompany them in the future.

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