

König + Neurath Intralogistics system that adapts to growth with independent commissioning



Grenzebach Maschinenbau

Grenzebach serves the global markets of the glass and building materials industry as well as intralogistics with tailor-made automation solutions.

In the field of intralogistics, the company offers driverless transport systems for automated goods transport in production, manufacturing and warehouse logistics, based on a strong software architecture.

The integrated automation solutions include consulting, hardware, software and service – throughout the entire project life cycle and beyond.

Grenzebach Corporation

10 Herring Road
30265 Newnan, Georgia
USA

+ 1 770 253-4980

Info.gn@grenzebach.com

www.grenzebach.com

<https://www.youtube.com/watch?v=78DmDMskOzo>

“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

Growth & Impact



Scalable

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



Conclusion

The AGVs now travel around 160 km per week, transporting around 1,000 goods carriers.



Future-proof

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

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HIGHLY FLEXIBLE AND SCALABLE INTRALOGISTICS SYSTEM



König + Neurath receives an automated intralogistics system that adapts to growth – for independent further development

Automated intralogistics in the manufacturing of office furniture

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

Grenzebach analyzed the conditions at the customer's site, drew design plans and agreed on the customer's requirements to develop the desired intralogistics concept. 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 make adjustments and commissioning themselves.

Solution package:

- Universal Control System from Grenzebach for AGV control
- Automated guided vehicles of the type L1200S
- WiFi boxes for sensor connection
- Charging stations and peripherals
- Training package to enable our customer to commission the entire system

“It was important to us that we would have enough control over the system to be able to change a route or start using a vehicle ourselves. And it was only possible for us to get so involved in this project and to act with such independence because we received training from Grenzebach and were able to communicate closely with them every step of the way”

David Schuch, Industrial Engineering König + Neurath