

Branch Reference

High-frequency technology



RETROFIT

The Customer

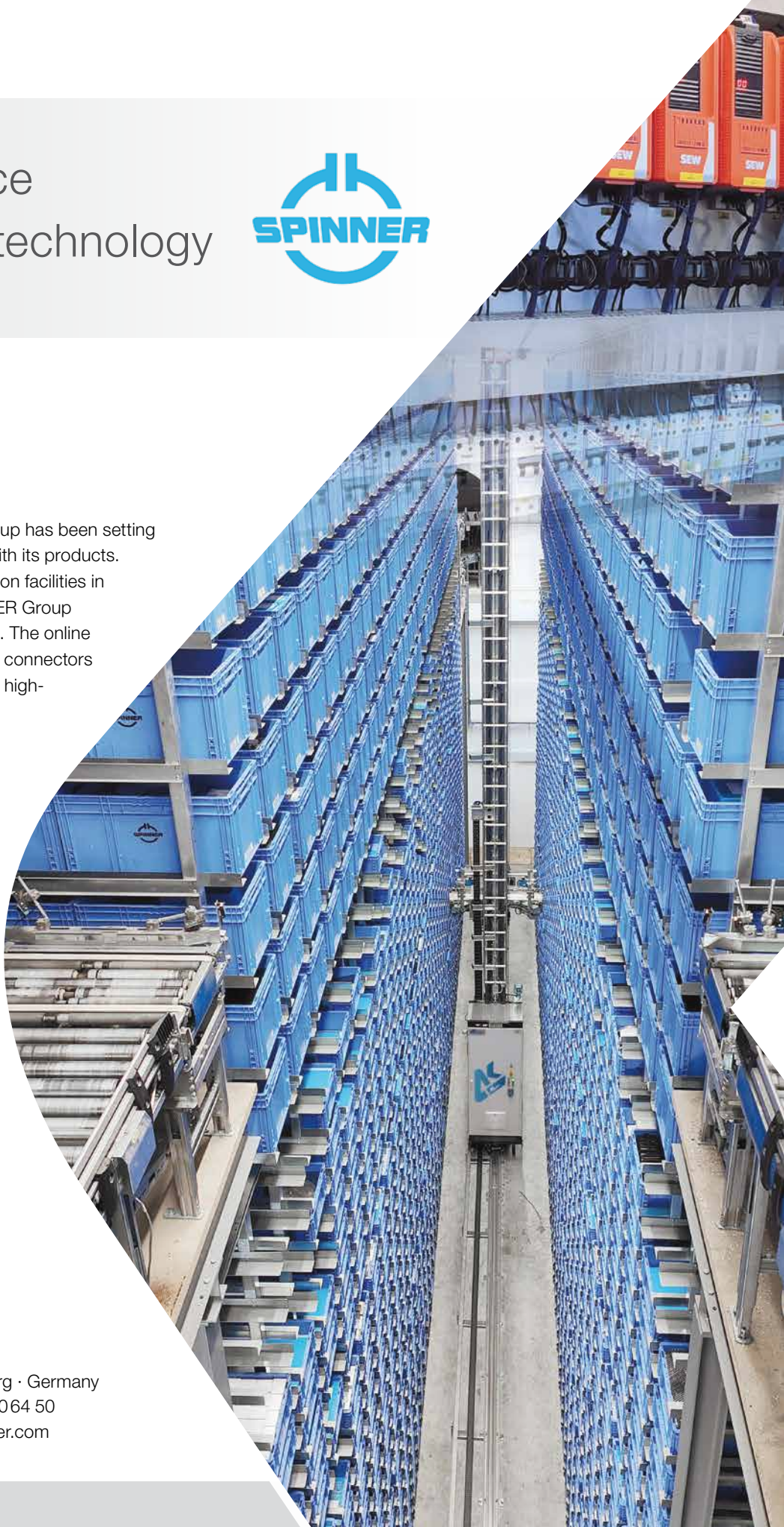
For more than 75 years, the SPINNER Group has been setting standards in high-frequency technology with its products. With headquarters in Munich and production facilities in Germany, Hungary and China, the SPINNER Group employs more than 800 people worldwide. The online store offers a wide range of products from connectors and hybrid rotary joints to tools required in high-frequency technology.

The Requirements

Extending the service life: The logistics facility in Westerham near Munich, which was built in 2002, was to be upgraded to the state of the art technology. Some spare parts were hardly available, components, software and safety technology were outdated and no longer met the latest current standards. The risk of longer downtimes was foreseeable.

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The Solution

The retrofit comprised a two-aisle, four-deep, automated small parts warehouse for bins, with pre-zone conveyor technology and connection to the incoming goods, outgoing goods and picking area, as well as the warehouse management software.

- Inventory of system-critical products
- Detailed retrofit concept with conversion schedule
- PLC programming
- Mobile control cabinet, drive and lift motors, PLCs, inverters, sensors, load handling devices with telescope and belt drive for the storage and retrieval machines
- Safety technology in accordance with the current Machinery Directive
- KlinkVISION® system visualisation
- KlinkWARE® warehouse management software
- Conversion during ongoing operation



Two-aisle, four-deep, automated small parts warehouse



Bin transfer to conveyor system



Load handling device of the storage and retrieval crane



Mobile control cabinet of the storage & retrieval crane



New inverters for conveyor drives