

Branch reference
Food wholesaler

Kofler

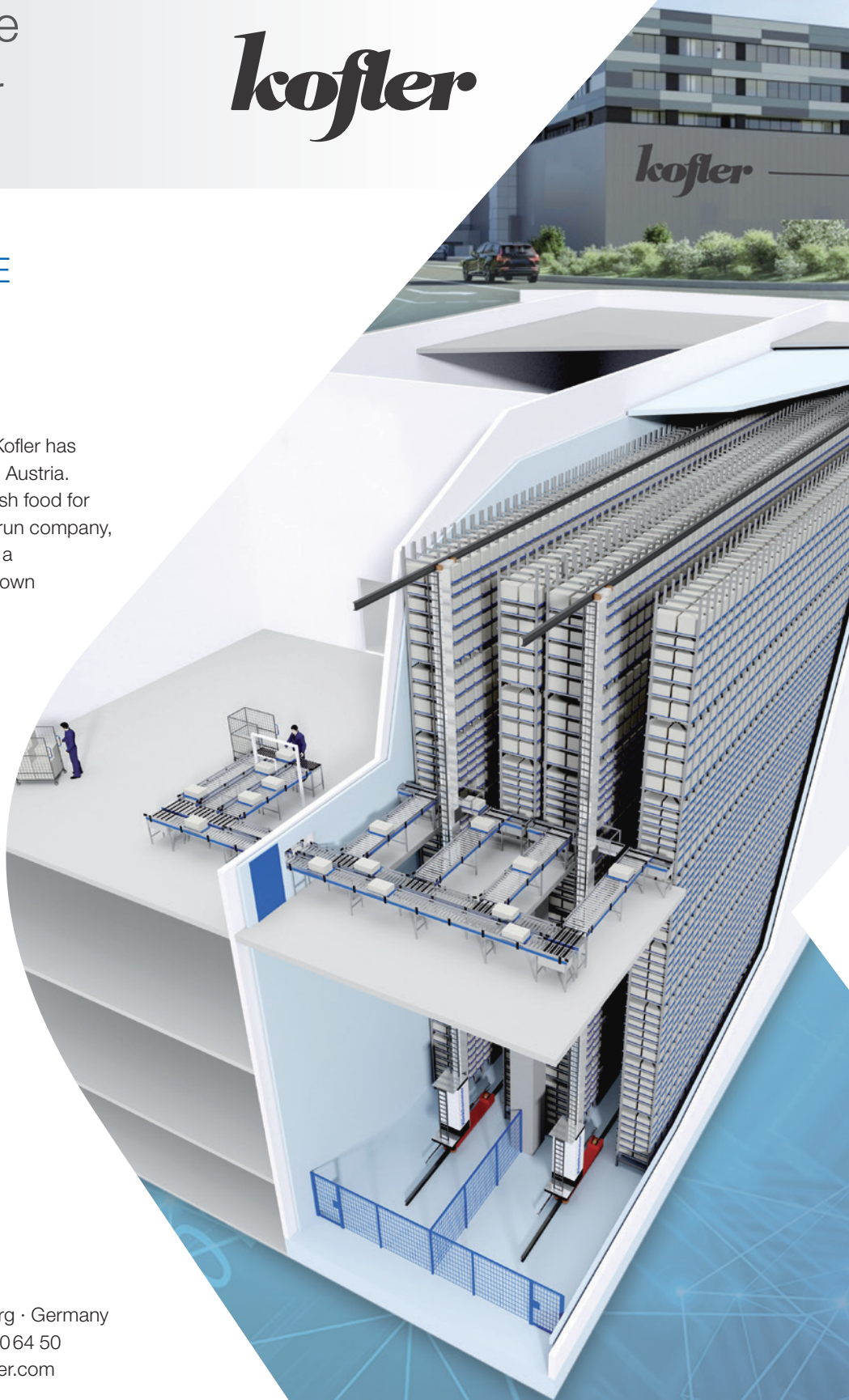
INERTED DEEP-FREEZE WAREHOUSE

The Customer

The Landeck-based traditional company Kofler has invested in a new logistics center in Zams, Austria. Kofler is one of the leading suppliers of fresh food for hotels and restaurants in Tirol. The family-run company, in the third generation, has been active as a wholesale supplier for 75 years, using the own fleet of 20 cold and deep-freeze vehicles.

The request

The existing manual deep-freeze warehouse featuring a capacity of 1,800 pallets ensured high delivery reliability, but it had reached its limits with the planned future growth. The goals were additionally to the picking according to the “goods-to-man principle” an effective use of space, minimal access times and a 100% delivery quality and picking accuracy.



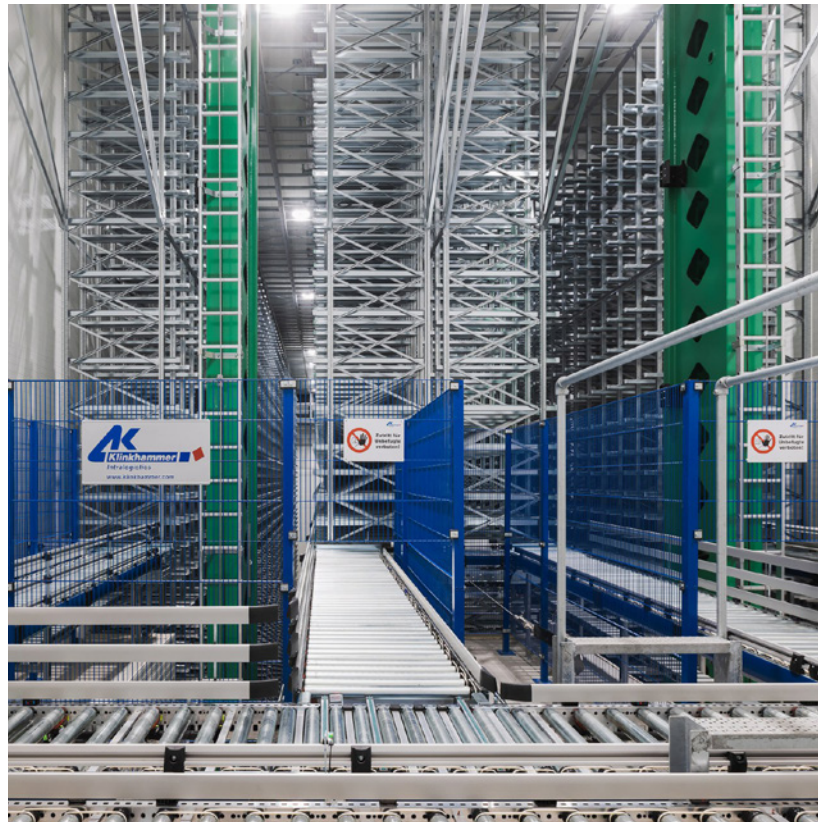
Klinkhammer Intralogistics GmbH

Wiesbadener Straße 13 · 90427 Nuremberg · Germany
Phone +49 911 93064 0 · Fax +49 911 93064 50
info@klinkhammer.com · www.klinkhammer.com

The Solution

The logistics center integrates an inerted automated 20 meter high deep-freeze warehouse with order picking area as well as pick-by-voice-operated cold and dry storage areas. The core is the automated tray warehouse for temperatures down to between -18°C and -24°C featuring 2 aisles. Due to various packaging designs in the frozen food product range, a tray is used as loading aid. The automated deep-freeze warehouse offers storage space for more than 24,000 tray storage locations with different carton height classes in order to optimize storage density.

The order picking area is thermally separated from the actual deep-freeze area and positioned in an area with controllable ambient temperature. The warehouse is inerted and operated with a reduced oxygen content in order to minimize the risk of fire. The material flow computer and the warehouse management system KlinkWARE® control the warehouse.



2-aisle automated deep-freeze warehouse, 24,000 tray storage locations



Loading docks



Kofler Center in Tirol



Storage locations in cold and dry areas



Order picking station in temperature-optimized work area