

Industry Brochure

Intralogistics Solutions for the F&B Industry



Industry challenges

The food and beverage (F&B) industry's basic requirements include a clean and hygienic environment, reliable seamless cold chains or secure BBD and batch tracking. The wide range of products and package sizes creates challenges for manually picking and staging goods.

Over the past years several factors have disrupted the food industry and forced companies to reorganize logistical processes. These factors include trends such as the use of mixed pallets and batch traceability. Competition continues to grow in the market segment and companies are seeing a whole new world of variety in terms of both inventory diversification and packaging styles.

In the beverage industry, heavy products in multiple quantities must be available and transported in the shortest amount of time. Seasonal fluctuations and demand peaks continuously impact capacity requirements.

For F&B warehouses to be successful, they must fully understand how to manage seasonal peaks, strict regulations such as temperature and hygiene and a wide variety of goods including very heavy and fragile loads.



How to secure controlled climate conditions and implement various temperature zones



How to ensure storage and handling meet industry regulations



How to cope with a growing variety of SKUs and seasonal fluctuations



Smart intralogistics

Based on decades of hands-on experience partnering with warehouses worldwide, Kardex understands how to use automation to strengthen warehouse intralogistics and help companies stay a step ahead of the competition. Kardex's automated solutions are fast, reliable and designed to meet unique industry-specific challenges.

Why automate?

Semi-automated and fully automated systems are an ideal solution for the F&B industry. They are both scalable and adapt quickly and precisely to new delivery needs. They fulfill industry regulations, maximize storage density, minimize errors, provide full traceability and represent a cost-effective answer to today's challenges.

It is critical to work with a knowledgeable and experienced intralogistics partner who has a vast understanding and hands-on experience working within industry regulations. Kardex can minimize the demands facing warehouse operators with modern tactics such as automating manual processes, integrating new logistics equipment such as buffer solutions or implementing various temperature zones. Kardex will customize a facility to meet individual needs.

Controlled environment

Full traceability

Scalable & flexible solutions

Eisbär Eis – Double the capacity by adding an identical deep-freeze warehouse

The ice-cream manufacturer Eisbär Eis turned to Kardex when its existing warehouse had reached capacity. Kardex was commissioned to double the capacity by constructing a second, structurally identical deep-freeze warehouse and to modify the existing conveyor system.

The two storage and retrieval machines in the new warehouse are unaffected by the operating temperature of -28°C . They were fitted with specially heated and insulated control box cabins to protect the controls and electronics from the cold.

Customer benefits



7,000 additional storage locations



Express lane implemented



Hassia Mineralquellen – Navigating complex logistics with automated solutions

Hassia Mineralquellen is a premium drink supplier featuring a diverse, multi-brand portfolio of approximately 100 different beverage products in 26 container types and 178 articles. Hassia turned to Kardex to increase warehouse capacity, identify and implement a more efficient way to navigate its complex logistics and optimize material flow.

Kardex created a new fully automated high-bay warehouse with 7 storage and retrieval machines. It expanded the total storage capacity to more than 60,000 pallets and increased throughput significantly.

Hassia can now successfully manage seasonal peaks, strict regulations and diverse loads.

Customer benefits



Storage capacity increased by 30%



Efficient and high-performing solution



SalzburgMilch – Managing different temperature and maturation zones

SalzburgMilch produces dairy products for the European market and must take account of different maturation periods and processes. The dairy company needed a general contractor with vast experience and industry knowledge to build a new four-aisle high-bay warehouse. Kardex incorporated multiple temperature zones and varying storage periods into the planning process. These later came to fruition when Kardex constructed and integrated SalzburgMilch's new, highly flexible warehouse.

It has a capacity of 7,000 pallet storage spaces and manages cheese, milk and other dairy products under optimal conditions.

Customer benefits



Unique zones for specific product needs



Virtual tracking of maturation zones



Industry expertise

Kardex is a global industry partner offering customized intralogistics solutions for individual requirements across various industries. Based on decades of working with small to large-scale businesses in every corner of the globe, we have seen first-hand how every industry has its own unique challenges and demands when it comes to warehouse and plant operations.



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