Case Study

A Tailor-Made Twin



kardexmlog



Case at a glance

Doubled deep-frozen warehouse space

In 2011, Eisbär Eis constructed a second high-bay deep-freeze warehouse. The addition of 7,000 new pallet spaces doubled the existing capacity to a total of 14,000 pallets. The twin of the existing 32-metre high refrigerated warehouse was completed within only eight months. The investment volume for the expansion came to approximately 4.5 million euros.

Keeping cool

The challenge

The storage and delivery capacity of the Eisbär Eis company had core of the plant, the operating temperature is -28 °C. The two constructed aisles, are unaffected machines were fitted ex works ble protection for the controls and

> 7,000 new pallet spaces

49 storage operations per hour

The solution

lifting speed is 50 m/min. Without transfers, throughput of 27 double cycles or 49 contribute to achieving a high level of effi-

In goods issue, 4 additional spaces have and the staging area has 2 additional transfer

This measure also facilitated the set-up of an for a transfer carriage. All work was carried out during work-free hours at weekends, so that ongoing operations were not disrupted.

Travel speed 180 m/min



Scope of delivery



2 new aisles with storage and retrieval machines for double-deep storage and retrieval, and heated and insulated control box cabins



1 additional loading dock for shipping and 2 additional transfer carriages, which means that the trip distance has been halved



Set-up of an "express route" for pallet transport to the gate without the need for a transfer carriage