

Case Study

Fast Logistics for Great Taste





Right on time despite the pandemic

Customer and task

Dan Cake Polonia is one of the leading manufacturers of packaged bakery and confectionery products in Poland. The company is a modern and dynamically growing organization, and its production facility extends to seven state-of-the-art production lines.

It supplies the market with products under its own Dan Cake and produces goods for Poland's largest retail chains. The successful expansion of Dan Cake Polonia led to the decision to construct its own logistics center in Chrzanów.

Solution

A project costing approximately 4.3 million euros saw Kardex Mlog build a 3-aisle, automated high-bay warehouse to accommodate some 6,400 pallets using double-deep storage. Future expansion to include three additional aisles is possible. Three stacker cranes of type Kardex MSingle B 1000/31 ZT operate 24/7 in the aisles of the warehouse. Each stacker crane is approximately 30.3 meters tall, achieves up to 60 single cycles per hour, and has a load capacity of 1,000 kg. The scope of supply also included the conveying technology to connect the manual picking area, the production facility, and the goods issue area.

The warehouse organization is handled by the Kardex Control Center using the Kardex WMS management system, which includes the Kardex MFlow material flow system and the Kardex MVisu plant visualization system with an interface to the host system. The commissioning of the plant in 2022 followed a challenging project phase in the middle of the corona pandemic.

Case at a glance

Secure processes

Acting as general contractor for Dan Cake Polonia, Kardex Mlog constructed a high performance, 3-aisle, high-bay warehouse with extensive conveying and control technology to provide efficient and reliable processes. The modular Kardex Control Center ensures error-free operation through optimal ergonomics. For Kardex Mlog, this was one of the first projects to be completed by its Polish subsidiary.

6,400
pallet storage
spaces

Extendable
to include
3 additional
aisles

3 × 60
single cycles
per hour



Scope of delivery



3 stacker cranes of type Kardex MSingle B 1000/31-ZT



Kardex Control Center, Kardex WMS, Kardex MFlow material flow system, and Kardex MVisu



Conveying technology to connect the manual picking area, the production facility, and the goods issue area