

Case Study

# Sustainable Construction at Weleda





# Light wood and colored steel

## Customer and task

Weleda focused on sustainability in the construction of its new logistics center, comprised of a high-bay warehouse alongside an operations and administration building. The high-bay warehouse is built using wood, and the walls and facade have been partially constructed with locally sourced rammed earth.

The entire life cycle of the building, right up to its subsequent disposal, was considered during the planning phase. The energy requirement for the plant is supplied in full via geothermal and photovoltaic systems. Kardex Mlog scored highly as the provider of stacker cranes and conveying technology because of the close proximity of its production facilities and the company's high level of vertical integration.

## Solution

For the five-aisle high-bay warehouse with 17,160 pallet storage spaces, Kardex Mlog supplied five stacker cranes of type Kardex MSingle B – 1200/29-ZT double-deep machines with energy storage devices from SEW. Four stacker cranes were painted yellow, blue, pink, and green. At Weleda, these colors represent the natural fragrances: Energy, Relax, Love, and Harmony. Double-deep storage and retrieval in the connected buffer warehouse is handled by a further stacker crane of type Kardex MTwin A – 1200/18-ZT.

Across 308 drives, the conveying technology supplied by Kardex Mlog connects the goods receipt, picking, shipping buffer, and goods issue areas. The scope of supply also includes continuous conveyors, roller and chain conveyors, vertical conveyors, turntables and lift tables. Plant visualization with Kardex MVisu completes the package.

## Case at a glance

### Centralized logistics

Kardex Mlog supplied six stacker cranes for the high-bay warehouse, the shipping buffer, and the pallet conveying technology at the Weleda AG logistics campus in Schwäbisch Gmünd. Weleda is the global market leader in certified natural cosmetics and anthroposophic medicines. With this new facility, the company is centralizing its national and international sales logistics and parts of its production logistics.

17.160  
pallet storage  
spaces

Sustainable  
energy supply

High-bay  
warehouse  
built of  
wood



## Scope of services



5 stacker cranes of type Kardex MSingle B – 1200/29-ZT  
and 1 stacker crane of type Kardex MTwin A – 1200/18-ZT



Conveying technology with 308 drives  
(continuous conveyors, roller and chain conveyors,  
vertical conveyors, turntables, and lift tables)



Plant visualization with Kardex MVisu