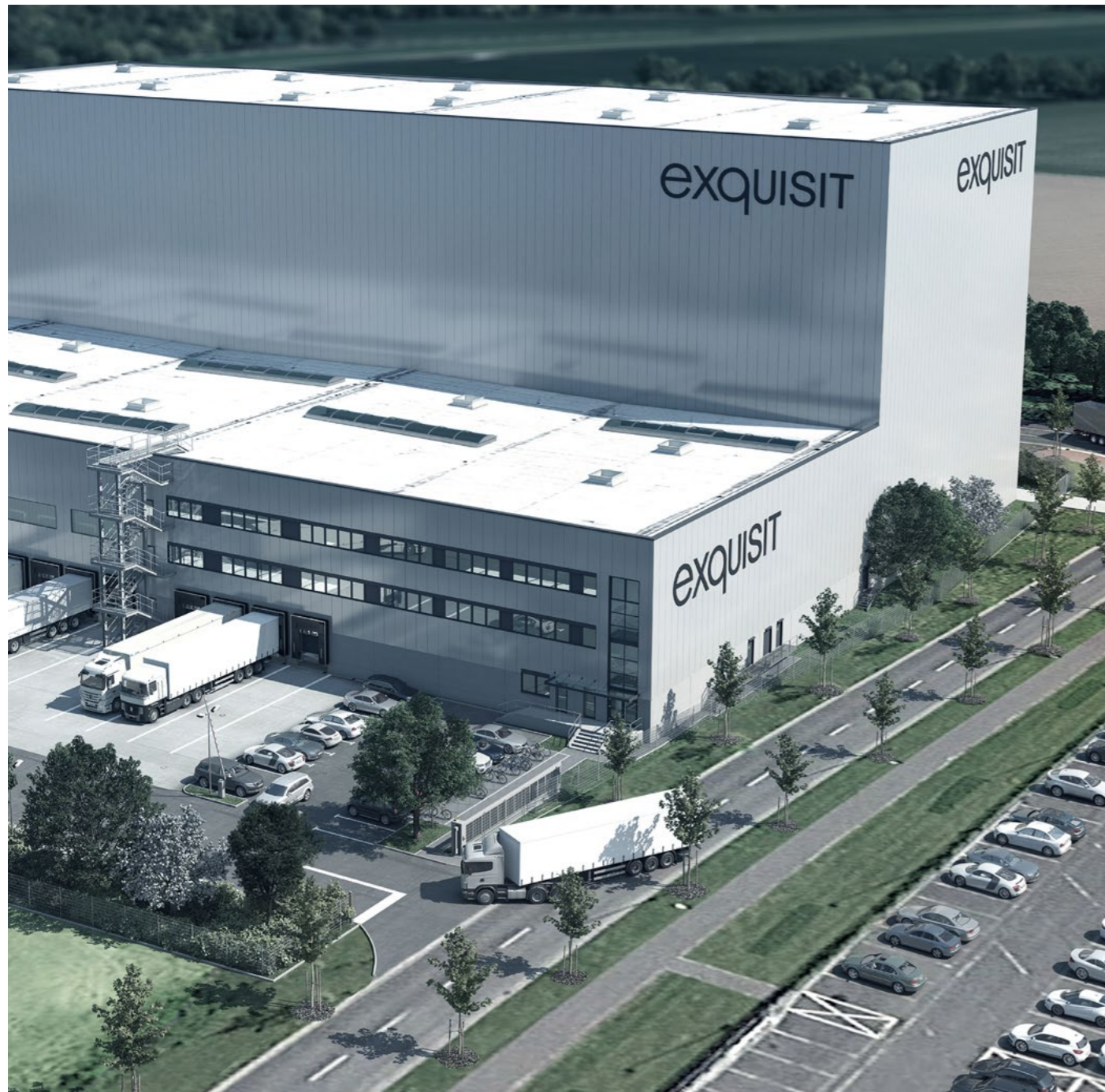


Case Study

# White Goods Stacked High





# Future-proof, flexible, and sustainable

## Customer and Task

RHW Logistik GmbH is a subsidiary of RHW Holding, belonging to the GGV Handelsgesellschaft mbH & Co. KG group of companies. GGV specializes in the development, procurement, and supply of marketable products in the white goods segment.

The range extends to almost 600 products, combining high-tech and quality at competitive prices. The investment decision in 2021 followed continuous growth and rising customer expectations regarding supply capacity, calling for an expansion of storage capacities.

## Solution

The logistics center, with a building surface area of 9.850 square meters, consists of a 42 meter-high, fully automated high-bay warehouse with 5 aisles and conveying technology. The connected logistics area houses the integrated goods receipt, depalletizing and goods issue areas, an additional 1,200 square-meter steel platform for the future processing of parcel shipments, and two mezzanine levels with offices and social areas totaling 1,250 square meters. The installed photovoltaic system provides most of the energy required by the Kardex conveying technology and powers an underfloor heating system in the logistics area.

The high-bay warehouse provides space for approximately 30,000 pallets. The storage concept offers diverse options for future adjustments. The processes between storage and retrieval, picking, and staging for shipping are controlled and visualized by the Kardex Control Center warehouse management software.

## Case at a glance

### Major investment in top location

Kardex Mlog has built a new logistics center for RHW Logistik in Krefeld. The prime location in North Rhine-Westphalia next to the container terminal means short distances to the dense highway network in the Rhine-Ruhr region. With more than 40 million euros in investment, RHW Logistik has increased its warehousing and shipping capacity for existing and new customers by approximately 30,000 pallet storage spaces.

**30,000**  
pallet storage  
spaces

**Flexible**  
storage concept

**Sustainable**  
energy supply



## Scope of delivery



5 stacker cranes Kardex MSingle B 1000/41-ZT  
with aisle equipment and automatic control



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



Connection to goods receipt, depalletizing and  
goods issue, steel platform, 2 mezzanine levels