

GROWTH-ORIENTED LOGISTICS HUB



Case Study
Beiersdorf Ges.m.b.H., Vienna (A)



HBW - Exterior view

Project objective

- ▶ Savings on warehousing costs and personnel
- ▶ Improved reaction times during peak periods
- ▶ Increase in delivery quality
- ▶ Reduction of transport costs
- ▶ Centralization of distribution and deliveries
- ▶ High availability of items
- ▶ Automation of the flow of goods
- ▶ Error reduction
- ▶ Shorter delivery times



Storage level

High bay warehouse (HBW)

L x W x H	105 x 25.5 x 19 m
Loading aids	Euro pallet (L x W x H) 1,260 x 860 x 1,620 mm
Storage locations	10,074
Weight	800 kg
Type of storage	single-deep
Ambient temperature	+5 to +25°C

Storage and retrieval machines (SRM)

Quantity SRM/aisles	3, curve-going / 6
Load-carrying device	Telescopic fork
Traveling speed	180 m/min
Lifting speed	60 m/min
Fork (empty)	60 m/min
Fork (loaded)	30 m/min
Throughput	100 pallets per hour

Pallet conveyor system

Components	Roller conveyor, chain conveyor Infeed/discharging station Lifting transfer unit Shuttle vehicle Pallet centering device Pallet wrapper
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Curve-going SRM

High performance thanks to the most modern technologies and new fire prevention concepts

Thanks to the most modern storage logistics, high safety standards, and the implementation of a new fire prevention concept, this distribution warehouse of Beiersdorf GmbH is the most modern of its kind within the group.

Decisive factors when it came to awarding the contract were not only the good cost-benefit ratio but also the execution of the complete project from one single source as well as high competence with regard to the development and implementation of novel concepts.



Storage into the HBW

Our scope of supply and services:

Planning, conceptual design, and implementation

- ▶ Preparation of the logistics concept
- ▶ Implementation plan
- ▶ Turnkey installation (roof/wall/HVAC, Oxy Reduct system, floor slab, building)
- ▶ Pallet conveyor system
- ▶ Storage and retrieval machines
- ▶ High bay warehouse and racking system
- ▶ Visualization
- ▶ Control systems



Oxy Reduct system for fire prevention



Pallet infeed and discharge in the goods receiving area



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- ▶ General contracting
- ▶ Planning and consulting
- ▶ Warehouse management system
- ▶ Control systems
- ▶ Steel structure / racking systems
- ▶ Storage and retrieval machines
- ▶ Conveyor systems
- ▶ Service and maintenance



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