



**Storage Technology  
for Building Materials**



## Pallet Racks

### Safe and efficient storage of building material

When storing a large variety of palletised products, pallet racking is widely accepted as the most universal storage systems. In the construction material sector the storage of heavy and bulky goods is a challenge. Most conventional pallet racks are at full capacity and max out their loading capacities.

### OHRA Pallet Racks are long lasting and stable!

The use of hot-rolled steel profiles for the supporting components of OHRA's pallet racking allows for the safe storage of your goods. The high-quality of the frames and beams ensures a durable and thus economical solution for your building material warehouse.

### Zero sheet metal!

OHRA pallet racks are built for permanent use. The use of hot-rolled steel profiles allows for high load capacities even with large storage levels.

### From a single station solution to a complete warehouse. Create more space in your building material warehouse!

Your benefits:

- Safe pallet rack for heavy loads
- Bay load up to 32,700 kg, beam load up to 5,100 kg
- Standard beam width up to 4,500 mm
- All supporting elements made of robust, hot-rolled steel according to DIN 1026/1025
- Material thickness of frames 6-15 mm
- High-quality powder coating
- Hot-dip galvanized design for outdoor storage
- System can be extended or changed as stock changes
- Broad range of accessories
- Available with roof, walls or as complete rack clad building





# Pallet Racks





# Racks with Roof Rack clad buildings



## From covered racks to completely enclosed rack clad buildings

For outside storage the racks can be covered individually. OHRA provides various roof constructions.

OHRA rack clad buildings perfectly unite necessary building functionality with the purpose of a conventional rack system. They are therefore less expensive than conventional warehouses filled with racking, because the rack frames serve as supporting elements for roof and wall. Independent building constructions is, therefore, normally unnecessary.

Individual design versions allow customization of your storage requirements.

From planning, through the construction, manufacturing, delivery and installation – everything is from one source.

- Individual rack clad building designs
- Optimum usage of storage area
- Building ends can be either an open or closed design
- Various roof constructions
- Installation services offered
- Optimised price-performance ratio





## The perfect solution for bulky long goods

Cantilever racking is especially suitable for the storage of long, bulky and heavy stored goods. These robust storage systems, which are made of hot-rolled standardized steel profiles, do not have any front face supports, offering a long uninterrupted storage level and are, therefore, suitable for the storage of varying product sizes and assortments on one storage level.

To avoid damage to the racking and more importantly your stock, the cantilever arms are designed so that; on impact, the height-adjustable arms move up and sideways.

DHRA cantilever racking is manufactured individually and can be positioned indoors and outdoors, if desired with roof and wall.

- Rack columns and cantilevers made of solid, hot rolled IPE steel profiles
- Preparation for later double-sided use is available as an accessory
- Horizontally mountable and detachable cantilever arms (K+H system)
- Broad range of accessories



Cantilever Racking



# Storage Platforms

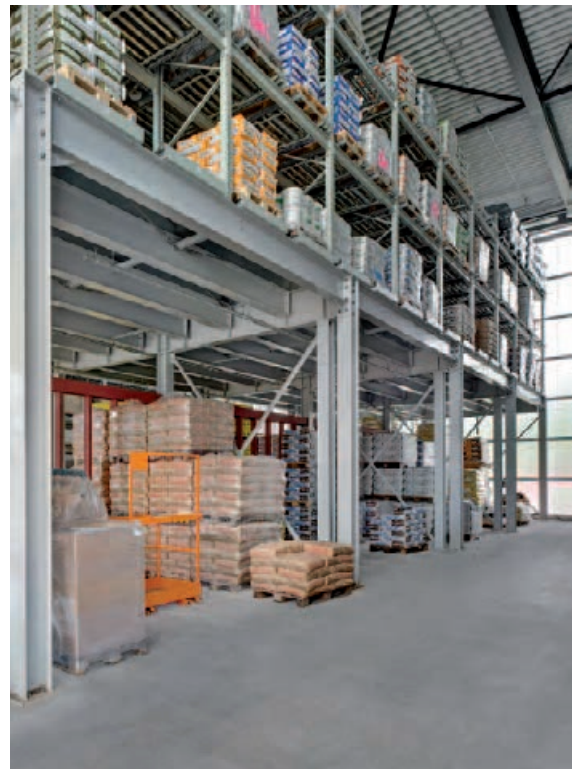
## Optimal use of the existing room height

OHRA steel platforms can be used in various ways. Whether as additional storage area, picking area, sales floor or work space, the individual design possibilities are endless.

The self-supporting construction fits into any existing building and can be customized individually according to the available space.

Creating additional storage place without changing the existing structure. A low cost solution for doubling warehouse space.

- Payloads according to customer requirements, standard 250 – 1,000 kg
- Distance between supports up to 20 m.
- Suitable for dynamic loads with a stacker, for example
- Up to 5 floors feasible
- Can be combined as mezzanine with racks
- Broad assortment of surfaces, stairs, rails or transfer stations





### Ideal for panels and materials

For upright storage of chipboard panels directly into the cutting area, there is no better alternative than DHRA's robust chipboard rack.

The connector system, which consists of square tubes, is fully developed and durable. For easy entry and exit of the products, high-quality roller conveyors are mounted in front of each rack.

- Robust, durable construction
- Basic and extension elements
- Thin stack width = 400 mm
- Three different standard depths
- Customized sizes possible
- High-quality powder coating

### All sorted and handy

For many goods, such as moulding, profiles, bars or tubes, vertical racking systems are the perfect and customer-friendly type of storage.

Different items and sizes can be sorted and presented to be readily accessible in the warehouse or sales room.

- Robust Construction
- Optionally extensible
- Easy assembly
- Broad range of accessories
- High-quality powder coating

### Flow-through and pushback racks

The flow-through rack is one of the most compact methods of storing and picking if your storage system dictates the "First-in-first-out principal".

In the "Goods inwards" department the received goods can be quickly stored in the rack, a smooth roller system ensures optimal material flow.

In "Goods out" the flow-through rack is used for the configuration of deliveries, after removal of the pallet, the next pallets automatically roll to the now empty pallet space using the force of gravity principle.

With the pushback rack the pallets are loaded onto the pushback system one after the other from the same side.

The pushback storage system provides space-saving storage possibilities if your storage system needs to use the "last-in-first-out-principal". The ideal system for products sorted by article and in batches.



Dynamic Storage, Vertical / Panel Racks