



# Storage Technology for Timber Trade



# Cantilever Racking



# Cantilever Racking

## Safe and efficient storage – Robust cantilever racking for the timber trade

The ideal storage system for long, heavy or bulky composite panels, such as chipboards, sawn timber packages or solid wood. 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. All cantilever racking is custom manufactured to match the stored goods and will be delivered and assembled on request.

### **OHRA cantilever racking is long lasting and stable!**

The Ohra cantilever racking column, bases and arms are constructed from robust, hot-rolled steel profiles to allow for the safe storage of your goods. The high quality of the columns and arms ensure a durable and thus economical solution for your timber yard. OHRA cantilever racking can be placed inside or outside.

### **Zero sheet metal!**

OHRA cantilever racking is built for permanent use. The utilization of hot-rolled steel profiles instead of thin metallic sheets allows for maximum load and at the same time slim design. Consequently, a high storage capacity on a small base area is achieved.

## **The economic storage solution for your stocks of wood. Make more space in your timber yard!**

Your benefits:

- Rack columns and cantilevers made of solid, hot-rolled IPE steel profiles
- The strong safe racking system for heavy loads
- Rack columns are punched every 100 mm on both sides
- Horizontally mountable and detachable arms (K+H system)
- Flush fitting arm to column connection
- No hidden cavities where rusting can start, as Ohra only use solid profiles
- Can be fitted with roof, rear wall and gutter for external use
- High-quality powder coating
- Hot-dip galvanized design for outdoor storage
- System can be extended or changed as stock changes
- Broad range of accessories for individual design



# Rack clad buildings



## From covered racking to complete rack clad buildings

OHRA rack clad buildings perfectly unite necessary building functionality with the purpose of a conventional rack system. The rack frames/rack columns serve as supporting elements for roof and wall. Independent building constructions is, therefore, normally unnecessary.

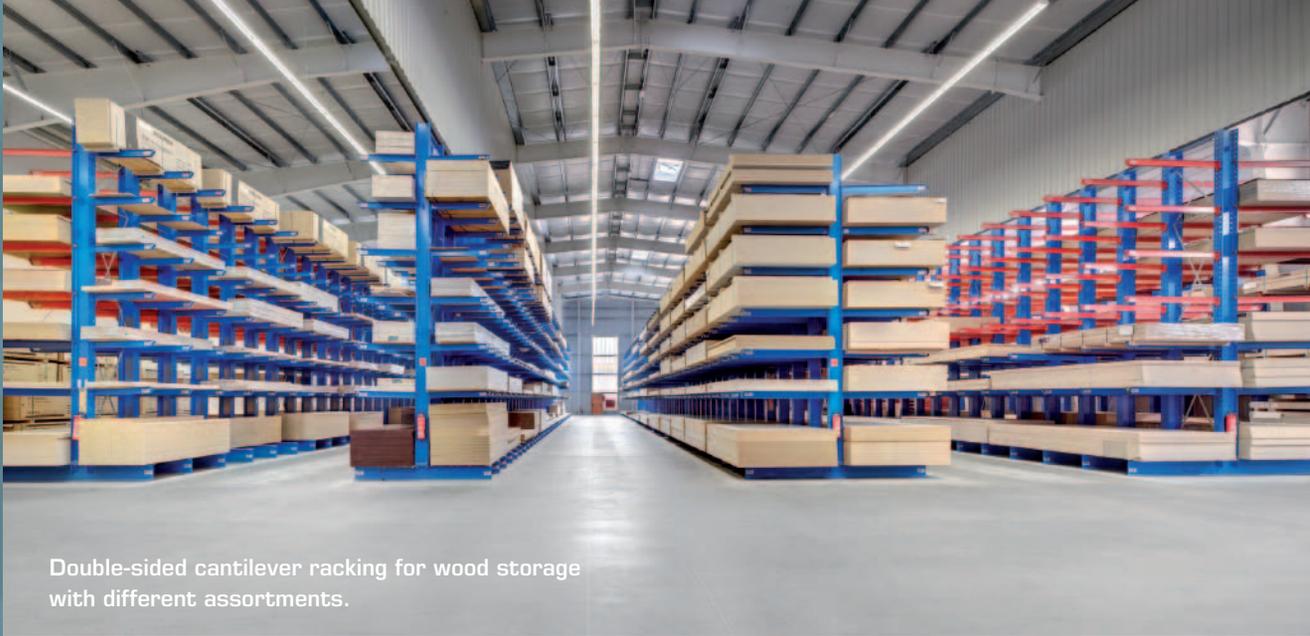
Individual design versions allow customization of your storage requirements.

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

- Individual rack clad building designs
- Optimum use of storage area
- Building ends can be either an open or closed design
- Various roof constructions
- Installation services offered
- Less expensive than a conventional warehouse with additional rack systems



# Cantilever Racking Solutions



Double-sided cantilever racking for wood storage with different assortments.



View into a rack aisle of a narrow aisle.



Cantilever racking with roof for the outdoor storage. Hot-dip galvanized version.

# Rack supported platforms



Door storage



Raw materials storage

# Pallet Racking



Parquet flooring storage



Roof covered storage

## Optimum usage of the existing room height

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

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

- Robust combination of rack systems and mezzanine
- Additional second and third level possible
- 350 kg/m<sup>2</sup> standard capacity load on the walkway between the racks
- Various platform surfaces, according to requirements
- Broad range of accessories, for example, lighting, ladders and stairs

## The standard racking for heavy, palletised wood products and materials

Pallet racking is a universal racking system for a broad variety of products. Due to its robust construction OHRA pallet racking is unique compared to conventional pallet racking made out of sheet metal; Ohra racking is capable of offering a much higher loading capacity.

The use of hot-rolled steel profiles for supporting components offers an important safety factor in your warehouse, especially in areas where staff or clients are. At the same time, the racking can be more economical because of the larger bay widths, therefore, less components are necessary than with conventional rack systems with a low load capacity.

- The safe racking system for heavy loads
- Standard bay width up to 4,500 mm
- High load-carrying capacity: Rack load up to 32,700 kg, bay load up to 5,100 kg as standard
- Hot-dip galvanized design for external storage
- Optionally with roof, wall or as complete rack clad building
- All supporting elements made out of robust, hot-rolled steel profiles according to DIN 1026/1025
- Material thickness of the frames is minimum 6 mm
- Broad range of accessories

## 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.

## 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 stack.

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



## Automatic storage system

Storage optimization through the partial and full automation of loading and unloading processes. With high picking capacities, performance increases according to the "goods-to-man" principle. Depending on the requirement, whole packages or single panels can be taken and transported to the transfer station.

- Highest possible handling turnover for picking orders
- From manual to fully automatic control, expandable at any time
- Interfacing to customer ERP software via a module
- Storage and retrieval vehicle to service several lanes using cornering technique
- In doing so, reduction of investment costs, optimal price-performance ratio



## Mobile Cantilever Racking

Conventional cantilever racking is mounted onto an automatic handling system, which is pushed together using rollers. For loading and unloading, the required walkway is opened using an electronically controlled drive.

- High efficiency and storage capacity thanks to optimised space utilisation
- Compact storage on small floor space
- Smooth starting and braking
- Optional remote control
- Simple rail wheel system for smooth and long lasting operation

