

Storage technology
for the metal
processing industry



Cantilever Racks

From area storage to rack storage in the steel processing industry.

The best storage system for manufacturing facilities, raw materials or shipment location. The flexible, highly adjustable cantilever arms move upwards and sideways in the event of impact. This system protects your materials from damage. To meet the unique needs of each customer all cantilever racks are custom produced, delivered and installed (if required).

OHRA cantilever racks are permanent and stable!

Robust, hot-rolled steel profiles for the load bearing elements of the OHRA cantilever racks create secure storage for your products. The high quality of the columns and cantilever arms guarantees a durable and economical solution for your metal stock. OHRA cantilever racks can be used internally or externally.

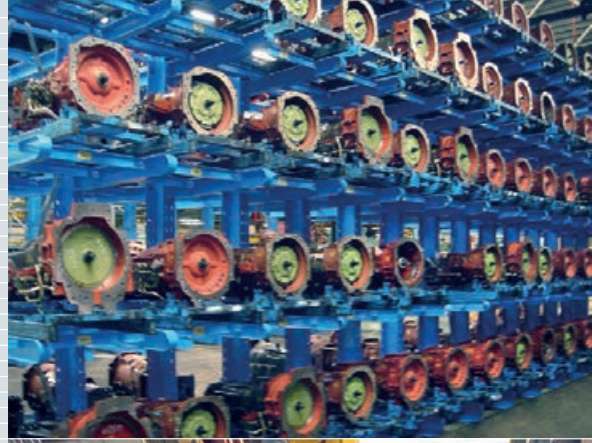
And without a single piece of folded sheet metal!

OHRA cantilever racks are designed for permanent use. The use of hot-rolled steel profiles instead of thin folded sheet metal enables a compact design capable of bearing high load capacities. Maximum storage capacity is achieved with minimal surface area.

**Economical storage solutions for your materials.
Create more space with reduced storage costs!**

The benefit to you:

- Columns and cantilever arms manufactured from solid, hot-rolled IPE steel profiles.
- The secure racking system for heavy loads
- Two-sided columns punched in a 100mm pitch
- Boltless, slot-in height-adjustable arms
- Unique clip in moveable arms (K&H system)
- No protruding edges on the storage space
- Solid material, no cavities for hidden rust formation
- Available with roof, rear panel and gutters for external use
- High-quality powder coating
- Hot-dip galvanized construction for exterior storage
- Storage system expandable at all times
- Large selection of accessories for individual customisation



Cantilever racking



OHRA cantilever racking is individually designed and manufactured for all types of warehouses in the metal processing industry. Also ideal for the storage of heavy tools or steel coils.



Pallet racking for heavy loads



Compact, safe and flexible storage

Especially in the steel processing industry, storage systems must meet various requirements as well as the high safety requirements of the processing plant. Additionally the systems should be flexible, capable to adapt to changing production workloads.

DHRA racking systems have proven in practice to be compact and reliable especially in case of heavy loads, such as sheet metal stacks, steel coils with different weights and diameters or storage of heavy tools. In particular, this includes robust and resilient pallet racks from steel.

- All the main components are produced from hot-rolled steel profiles
- High load-bearing capacity while maintaining large bay widths
- Individual design and production for a perfect fit
- Compact, secure storage and fast, simple handling
- High storage capacity on a minimal footprint
- Extendable and reconfigurable at any time



Outdoor storage



Metal under the roof and in the shelves

Storage of raw materials, semi-finished products or finished products externally. Thanks to strong profiles from hot-rolled steel, the column profiles can be used as load-bearing elements for the roof and rear walls.

Perfect use of existing open space and optimum protection against rain.

- Optimum use of the existing open area
- Versatile roof and wall constructions are possible
- Hot dip galvanized construction for all of the load-bearing elements
- Custom services at delivery are possible

Storage platforms



Storage platforms, shelving platforms

Optimal efficient use of the existing room clearance.

OHRA storage platforms are versatile for use in steel processing plants. Whether as additional storage space or as assembly workstation, the self-supporting construction can be installed in any existing building and adjusted to the individual space layout.

It is possible to take full advantage of the existing building height. Thanks to the robust construction and modularity of the OHRA-shelving combinations of storage platform and integrated shelving system can be custom-fitted as desired.

- Individual storage platforms or robust combinations with rack systems as a mezzanine level
- Additional second or third floor is possible
- Load capacities as specified by you
- Different platform coverings are possible, depending on the requirements
- Broad range of accessories such as lighting, ladders and stairs

Mobile rack systems

Conventional rack systems are mounted on traversing carriages, which are pushed together by means of rollers.

For the storage and stock removal, the required aisle is opened by an electronically controlled drive train.

- High cost-efficiency and storage capacity thanks to optimal space utilization
- Compact storage on small foot print
- Simultaneous protection of valuable goods against theft and rough environmental conditions
- Effortless rail-wheel-system for quiet and durable operation

Automatic storage systems

A considerable change in warehouse operations has taken place through the use of advanced conveyor systems, developed specifically for warehouse operations. Computer Aided partial and full automation allow storage and retrieval operations at great heights.

The operation is carried out with storage system stackers or rack riser trucks, naturally equipped with sophisticated safety technology. The performance is increased by shorter travel times while saving space at the same time.

- Reduction of travel times
- From manual to fully automatic control expandable at any time
- Modular connectivity to the customer's ERP software
- Operation of several aisles with a rack riser truck by curving technology
- This results in reduced investment costs



Automation and mobile storage systems





Cantilever racks with inclined arms for storage with a crane. Handling using order picking or storage locating attachment.



Ready-to-ship products are prepositioned in space-saving cantilever racking in the shipping area.



In telescopic cantilever racking whole storage levels are extended with a crank operated rotating spindles. Ideal for handling by means of a crane at minimal aisle width.



Fir tree racking - long materials racking with progressively shorter arms further up. Also available single-sided.



Roller Shutter reels, which have completed production in robust cantilever racking. Arm-bridges between arms for storage of varying dimensions.



Vertical storage of tubes and bar stock directly at the workplace, sorted and easily accessible.

Application examples from your industry