



**Storage technology  
for Auto Recyclers**



# Cantilever Racking

## The first step in recycling

OHRA has developed and optimised specifically for automobile and general recyclers the heavy duty cantilever rack for end-of-life vehicles.

This storage system provides adequate capacity for the cars in the rack as well as a direct access to each vehicle. This makes it possible to achieve huge space savings and the recycling process is more economical by less handling.

## OHRA cantilever racking is durable and stable!

Robust hot-rolled steel profiles for the load-bearing elements of the cantilever racking provide secure storage of several end-of-life vehicles on top of each other.

The high quality of the columns and cantilever arms guarantee a long-lasting and economical solution for the storage in automobile recycling facilities.

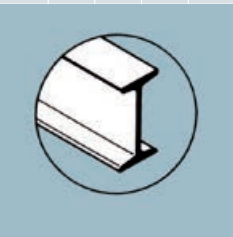
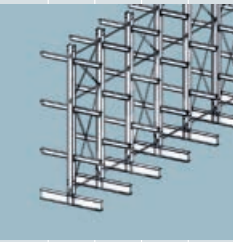
## Definitely not sheet metal!

OHRA cantilever racking is built for long-term use. The use of hot-rolled steel profiles instead of thin sheet metal allows high load capacities while maintaining a slim build-profile. Thus, a high storage capacity can be achieved in a minimal footprint.

## Economic solutions for your storage facility. Create more space and order while experiencing reduced storage costs!

Your advantages:

- Columns and cantilever arms manufactured from solid hot-rolled IPE-steel profiles
- The secure racking system for end-of-life vehicles
- Columns can be used single- or double-sided
- Mounted, height-adjustable arms for different vehicles
- Arms which can be fitted and removed horizontally (e.g. K+H System)
- No hidden rust, since solid materials are used
- High-quality powder coating for internal use
- Hot-dip galvanized construction for the external storage area (25 year anti-rust guarantee)
- A storage system, which is expandable at any time
- A wide range of accessories for individual designs



# Cantilever Racking

OHRA cantilever racking is individually designed and manufactured for all types of vehicles in the recycling industry.

Depending on the handling with guide rail and hot-dip galvanized construction.



# Storage of end-of-life vehicles (ELV)



## Designed for small recovery operators, large recycling centres and for municipal facilities

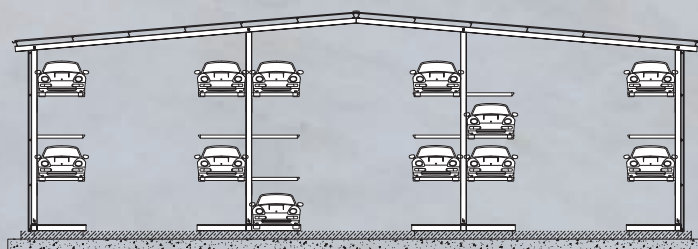
Whether small racking system units for a few vehicles or several racking system rows for large recycling operations – OHRA has the right storage concept and the appropriate racking systems. These are secure and economic storage systems designed specifically for the temporary gentle retention of private cars in cities and municipalities.

- Suitable racking units for small-, medium- and large-scale companies
- Layout in accordance with existing surface and recovery volume
- Extendable and reconfigurable at any time
- Special designs for cities and municipalities

## Racking with roofs and racking warehouses

Depending on the task and the on-site conditions OHRA offers perfect racking units with roofs to protect from rain and weather conditions. OHRA racking warehouses are the perfect solution in cases where a roof should cover the whole recycling process. Here the columns of the racks serve as a substructure for the roof and wall.

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



# Efficient warehousing technology for recycling operations

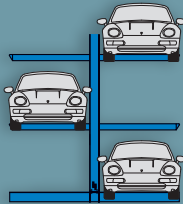
## Save space

In case of storage of only 3 vehicles on top of each other you save as much as 67% surface in a double sided rack compared to conventional storage on the ground.

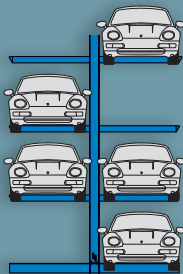
- Each car is freely accessible
- 75% reduction of the forklift paths
- Less concreted surfaces
- Damages will be avoided



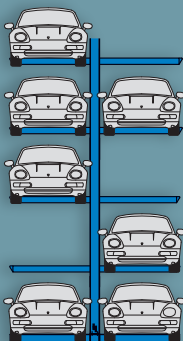
Single-sided racking for 4 vehicles on top of each other



Double-sided racking for 3 vehicles on top of each other



Double-sided racking for 4 vehicles on top of each other



Double-sided racking for 5 vehicles on top of each other

Use the exterior surface for the storage of end-of-life vehicles



Warehouse conception with narrow aisles, guide rail and rack bridges



Use of guide rails for the handling with a 4-way-forklift



Clearly arranged storage of several vehicles on top of each other. Utilisation of the existing ceiling height and wall area.



Storage facility of vehicle axles in cantilever racks. The distance between the columns is variable and the storage tiers are adjustable in their height.



Compact cantilever racks for the storage of end-of-life vehicles in the outdoor area. No rust build-up occurs as with box profiles through the use of steel profiles.



On request single rack rows can be partially or completely roofed over. The local snow and wind loads will be taken into account in the calculation of the static profiles.



50 vehicles stored in robust cantilever racks with roof. High storage density on small floor area. Clearly organised storage and fast access to all models.



All cantilever racks can be used single- or dual-sided. Selectively available with high qualitative powder coating or as hot-dipped galvanised version.

# Storage examples in the automobile recovery sector



Storage of motors in robust cantilever racks. Through the use of arm-bridges a variety of different sizes can be stored in one level.



For replacement or small parts, however also for workshops and shops shelf storage racks with adjustable shelf heights offer a lot of space and visibility.



Several heavy axles stored well-organized in one level behind each other. This allows quick retrieval of the correct product and simple handling.



Multi-storey shelf racking systems provide for more overview and the ability to quickly find small items in the automotive parts store or on the sales floor.



Material protected storage of wheels, tires, or rims in robust pallet racks. An industry-specific solution for automobile recovery and recycling operations.



Combination of robust pallet racks for the storage of spare parts or small items while using the top level as an additional storage area for transmissions or bulky components.