

A Member of the Constructor Group



Storage solutions since 1947

# CANTILEVER RACKING

Adjustable Long Goods Storage System





**"Whether its plastic pipes, wooden planks or metal rods - cantilever provides an ideal storage method for long goods"**

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### Always a solution for your specific needs

Storing long, often flexible products, presents its own challenges.

Dexion's range of cantilever solutions can meet your particular needs.

Our cantilever racking is available in a wide range of options, to suit the storage of any long goods, whatever the size or weight of the products. Dimensions can be altered to fit the height and length of your warehouse and make the most of the storage space available.

For unusual applications, fully customised solutions can be provided.

Dexion's modern cantilever racking offers robust storage solutions with high capacity, specifically designed for the storage of long merchandise. Suitable for manual, forklift truck, or crane handling. Fast installation allows for rapid improvements to your warehouse operation.

If your needs change, Dexion cantilever racking can be easily adapted to your new requirements.



## THINKING INSIDE THE BOX

### Increasing warehouse efficiency by Thinking Inside the Box

By "The Box" we specifically mean your warehouse. Our broad ranges of storage solutions have one thing in common; robustness and adjustability, which allows us to provide your business with efficient solutions, perfectly fitted for your exact needs. You can rest assured that we will find an efficient solution that meets your current needs – which is equally easy to adjust for your future needs.

### Customising your warehouse

Contact us, and we will start thinking inside your box to develop the customised, variable storage solution for you.

## Heavy Duty Cantilever

Ideal for long goods that require a free loading face with no front columns. This system is perfect for bulky and awkwardly sized or shaped products, allowing them to be stored safely and to be easily accessed.

Cantilever racking allows you to use your warehouse space more efficiently - space is not wasted and horizontally stored goods can be stacked above each other while still allowing access to each item or bundle.

Stored goods could include furniture, building materials, piping, rolls, appliances and flooring. In essence, if you have irregularly shaped items then cantilever racking might be the ideal choice for you.

The system consists of vertical uprights to which are fixed horizontal arms, with optional stoppers on the end. The arms are angled 2° upward for a safe storage. Products are stored horizontally on the arms, either manually, by using a forklift truck or a crane.

The storage system is designed according to the customers' requirements and the goods can be stored on either one side or on both sides of the racking.



This storage system is so versatile that different component combinations can be used in various situations. The cantilever arms can be easily adjusted in height.

The system comes in blue as standard, but other colours are available on request. For outside installations, external paint is available or a hot dip galvanized solution can be provided where a corrosive environment is present.

### HEAVY DUTY CANTILEVER

- ✓ Saving time
- ✓ Saving space
- ✓ Saving costs

- Clear vision of each stored item
- Easy access to each storage location
- Uses all the height of the warehouse
- Items of different lengths can be stored in the same racking
- Your storage area can be extended to include the outside of the warehouse.
- Uses a robust product made from hot rolled material with minimal maintenance required
- Adjustable storage



## Light Duty Cantilever

Ideal for the storage of light weight or long items that are best suited to being stored horizontally. Items can be stacked above each other allowing access to goods at all levels.

Store long lengths of timber, pipe or other goods safely and with easy access with Dexion's Light Duty Cantilever racking system. Made from sturdy powder coated steel, Light Duty Cantilever is offered as single sided racks to go against a wall or double sided for front and back access.

This racking is fully modular, so you can add extra sections as you need them. Arms are height adjustable in 50mm increments and are fixed to the uprights with steel bolts. Optional steel end stops are also available to prevent items from rolling forward and off the front of the arm.

The system is finished in blue as standard, but other colours are available on request. For outside or corrosive installations we are also able to offer a hot dip galvanized solution.



The Light Duty Cantilever racking can be configured in a wide range of versions, to satisfy most storage needs, depending on the size and weight of the products, the height and length of the warehouses, the width of the aisles as well as an entire series of elements that bring cost and space saving.

For higher loads on the racking, the Heavy Duty Cantilever system is recommended.

### LIGHT DUTY CANTILEVER

- Saving time
- Saving space
- Saving costs

- Clear vision of each stored item
- Easy access to each storage location
- Items of different lengths can be stored in the same racking
- Uses a light design, dedicated to your needs
- Adjustable storage



## Applications for Cantilever

### Mobile Cantilever Racking

Cantilever racking can also be installed on a MOVO heavy duty mobile carriage, helping to reduce costs for a new building or improving the efficiency of existing storage space.

MOVO Cantilever maximizes the use of floor space by having only one operating aisle. This way you can either save up to 40% of the space required by conventional cantilever systems or you can increase your storage capacity by up to 80%



### Showroom Cantilever with downward sloping arms

The Heavy Duty Cantilever Racking can also be supplied with sloping arms, at various angles. These allow for efficient storage as well as easy handling for large and awkward items.

Sloping arms also allow for easy viewing of the products, being the preferred choice for showrooms. It has proven to be a perfect choice for showcasing large items such as sofas and other types of furniture

### Cantilever with roofing for outside use

For outside installations, Dexion can supply sturdy, but lightweight, roofing systems that once installed on the cantilever racking will provide the stored goods with protection from the elements.

This solution will increase storage capacity without the need for increasing the size of the warehouse.



## Accessories for Cantilever

Discover the opportunities

### Fixed stoppers

Welded end plates are used as a heavy duty solution for stopping the stored items from rolling off the rack.



### Removable stoppers

The removable end stop is the most popular solution for preventing items from rolling forward. This item can be retrofitted.



### Mobile bases

Cantilever racking can also be installed on MOVO heavy duty mobile carriages, increasing capacity even further.



### Arms for coil storage

Cantilever racking can be configured to store metal coils or reels safely and efficiently.



### Steel gratings

Steel grating can be placed on the cantilever arms to avoid small products falling between the arms.



### Roof construction

The addition of a roofing system protects the cantilever and the goods stored beneath from the elements.



## References

**Delta Engineering** is active in Europe and America and is a major player of the international blow moulding industry.

In order to cater to the company's specific needs, Dexion designed a special cantilever system with longer arms, perfectly suited for holding the bundles of products.



**Mairon** is the leader of the Romanian market for the distribution of metallurgical products having a network of nationwide warehouses and manufacturing utilities, designed with the principle: "One stop shop for steel".

The standard configuration cantilever system that Dexion supplied was ideal for this application.

**Emerson** is a worldwide leader in a wide range of industries combining industry knowledge, manufacturing expertise, and technological innovation to offer a broad portfolio of products and services.

Dexion provided Emerson with a complete storage solution including cantilever racks, pallet racking, light shelving and a customised cable-storage system.



**Promod SA** is a premium distributor of high quality branded electrical products.

Dexion's cantilever system provided the best solution for storing all the long and heavy parts required for the company's installations.



**Taparo** is a large producer of high quality upholstered articles such as sofas and armchairs, in textile covers, leather and leather-look.

Dexion supplied them with a special cantilever with sloping arms, allowing for easy viewing of the products in the showroom, efficient storage, as well as easy handling.



## Expert Advice and Services

### Keep your warehouse safe

- Spotting defects early

The daily moving of goods is likely to cause some knocks and damage to your storage system. In the long run, these minor defects can change the capacity of shelving or pallet racking and lead to incidents that could possibly cause damage to both man and material.

Regular inspections will minimize the frequency and effect of these incidents by identifying crucial damage at an early stage.

Our inspectors are highly experienced and certified. They provide yearly inspections to keep



your facilities safe and up-to-date. Every inspection is followed by an offer of suggested replacement parts including fitting. When fully approved, you receive an official certificate of approval until the next inspection date.



### Warehouse optimisation and Consultancy

Constructor Warehouse Intelligence System (C-WIS) is a software platform that works with any existing WMS or ERP system and provides you with an insight into capacity and capital binding.

By processing data from your systems, C-WIS carries out complex calculations of your stocks balance and warehouse logistics providing specific proposals for changes. The suggested improvements

can be as simple as amending stock locations or changing your buying patterns, which if done correctly can all have significant benefits.

What C-WIS does for you:



**15-20%**  
cut in operational costs



**20-30%**  
tied-up capital freed



**Highest efficiency**  
is ensured through  
constant monitoring



### The benefits of a Dexion rack inspection:

- Comprehensive professional inspection
- Certified and experienced inspectors
- No interruption to operations
- Detailed inspection report
- Prevention of damage to people or goods
- Extending life span of facilities
- Early risk discovery minimizes future repair costs
- Repair work can be completed quickly
- Provides independent expert to assess equipment



# OPTIMISING YOUR BUSINESS BY THINKING INSIDE THE BOX

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