



Cantilever racks

SUPERIOR QUALITY

ALWAYS IN STOCK

Basic components



Rack uprights

The steel profiles with optimised load-bearing are formed from high-quality steel on precise profiling rolling mills. The perforated grid with a spacing of 76 mm enables a form-fit connection of the arms to the uprights. The plug-in bolt connection and the grid perforation on both sides facilitate later expansion and retrofitting.

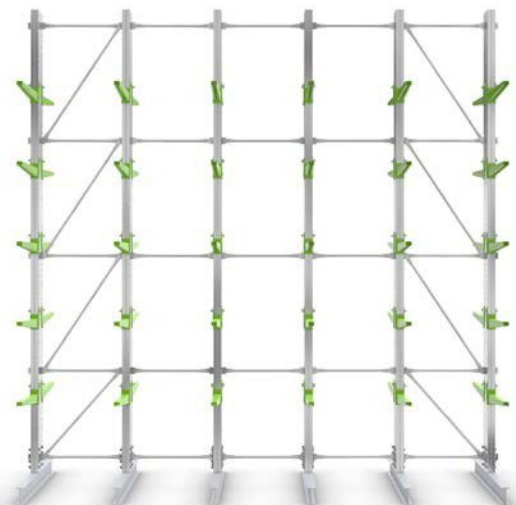
The upright base is made of extremely robust hot-rolled steel and withstands collisions with handling equipment due to its high material thickness. The hot dipped galvanising prevents rusting, e.g. due to waterlogged ground conditions. The screw connection of the upright to the base enables a later retrofitting from single-sided to double-sided uprights.



Upright connection

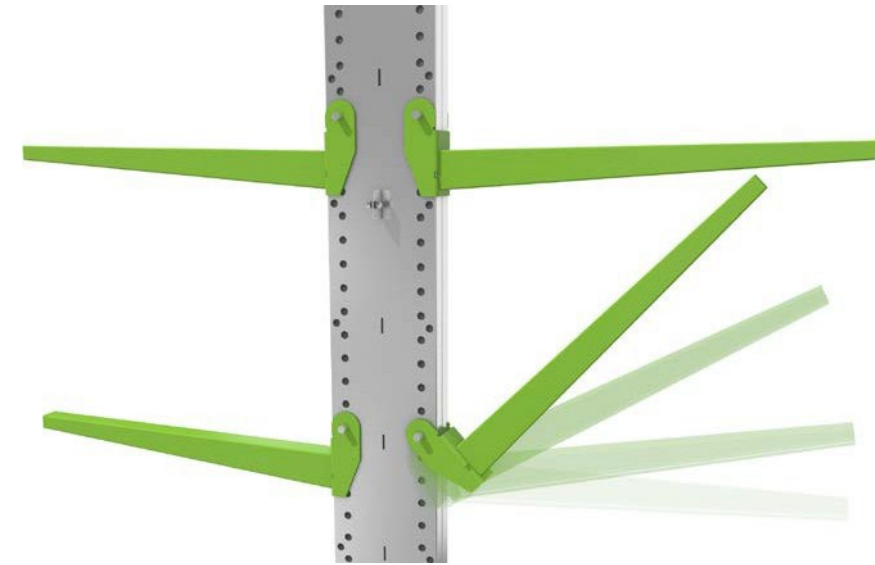
Stable upright connections are obtained using tube connectors. The distance between the uprights depends on the goods to be stored. Long goods which bend easily generally need closer upright centres than rigid profiles.

A combination of diagonal and horizontal braces stabilise the rack. The number of braces is based on the overall rack length and the load conditions, which we naturally check statically for you. The rack line can be easily adjusted straight via slotted holes in the connecting plates and tubular diagonals.

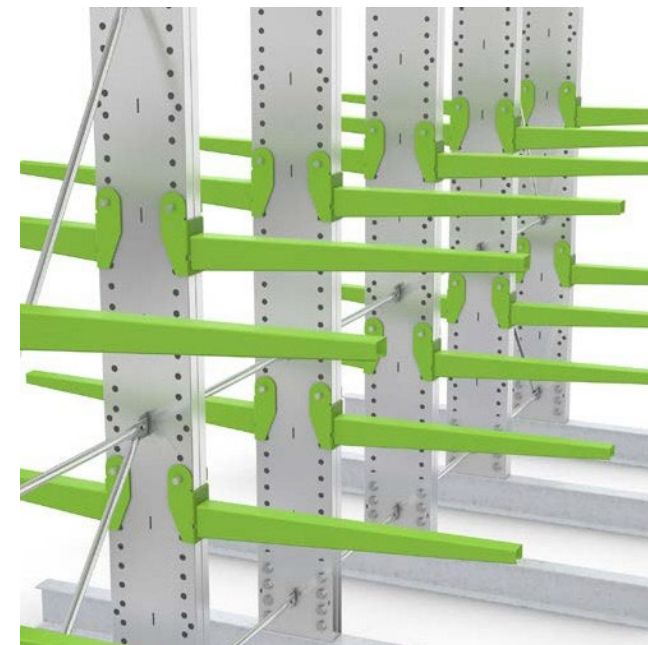


Cantilever arms

The cantilever arm profiles taper upwards towards the front and simplify the storage of goods. They are fastened to the rack upright with a plug-in bolt system. The arms remain flexible in an upward direction and can cushion accidental contacts during the loading and unloading of goods. The slanted rounded edges on the sides of the arms support a gentle storage and retrieval.



Due to the single bolt technology made of special high tensile steel, the cantilever arms can be repositioned very easily and without any constraints. This independent height adjustment allows the cantilever arms to be hung on both sides of the uprights in an offset manner. The flexibility of our racks continues when the cantilever arms are unhooked. Instead of folding the arms upwards, which would restrict them because of the arms above, the Rack & Roll cantilever rack is dismantled horizontally.



The high-quality polyester-based powder coating ensures a mechanical resilience and creates an impact-resistant surface. Independent of the installation site, it has outdoor quality, which means it is light- and weather-resistant. The NCS powder coating used is lead-free, organic, and solvent-free.



Rack versions

The principle of Rack & Roll cantilever racks follows that of a versatile modular system: individual components can be combined with each other in their designs as required. Later extensions or retrofitting is quite simple. Various versions can be configured for the upright height, the centre distances, and the cantilever arm length:

Upright heights

Seven different upright heights are available. The upright feet are available in single- or double-sided versions and in four different usable depths according to the cantilever arm length.



4100 mm
4400 mm
4800 mm
5200 mm
5600 mm
6000 mm
6300 mm

The upright type is determined according to the maximum upright load per side.

Centre distances

The centre distances are available in three dimensions.



1000 mm
1200 mm
1500 mm

Cantilever lengths / load

The length of the cantilever arms goes hand in hand with a permissible maximum load and is available in five variants.



800 mm / 660 kg
1000 mm / 850 kg
1250 mm / 800 kg
1250 mm / 1000 kg
1500 mm / 600 kg

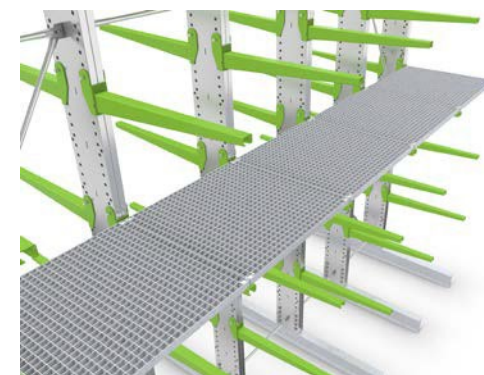
Additional components

To protect the stored goods from the weather outdoors, the cantilever rack can optionally be fitted with a **roof structure**. Corresponding roof cantilever arms and purlin angles are available from us for this purpose. Roof sheets, wooden purlins, drainage gutters and downpipes must be provided by the customer, e.g. from a DIY store.

Furthermore, we offer **gratings** as additional equipment.

Rack & Roll	On-site
Roof cantilever arm 	Roof
Purlin angle 	Wooden purlins
	Drainage gutters & downpipes

Gratings



Cantilever racks can be transformed into an efficient all-rounder using gratings. They create continuous storage levels without any disturbing intermediate supports. This is suitable for all pallet formats, unpacked items, and bulky products. The gratings are placed on the cantilever arms and fastened with clamping brackets. The cantilever rack can be retrofitted with gratings at any time. Due to their water permeability, they are also beneficial when sprinkler systems are used.