

Assembly and use manual

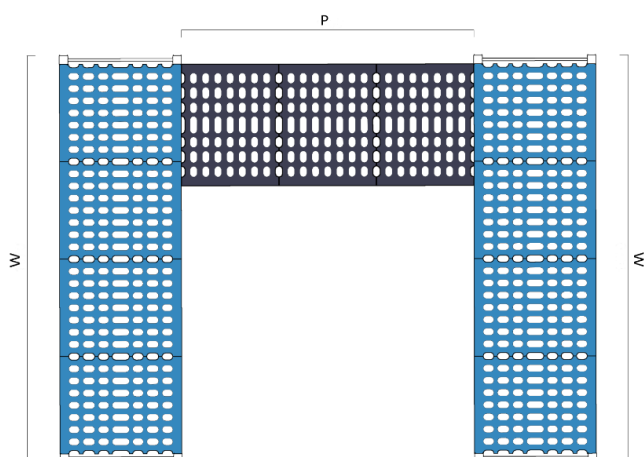
TYPES OF RACKS – ARRANGEMENT



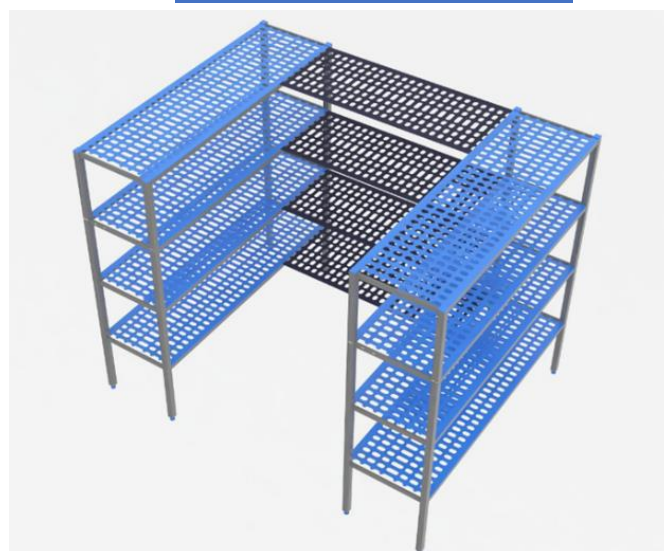
Stand-alone rack



Corner rack



Scheme of connecting rack – top view
Letter P – length of the connecting rack
Letter W – length of stand-alone racks



Connecting rack, marked in dark in the middle
- spatial scheme

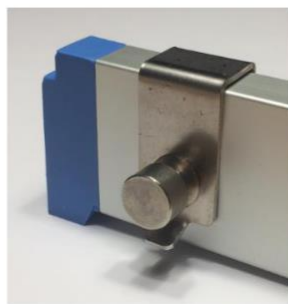
RACKING ELEMENTS



Rack support



Mounting bracket and pin
Mounting to the post



Steel mounting bracket
Mounting to the crossbar



Polypropylene
mounting bracket



Cap – top part
of the post



Foot – bottom
part of the post



Pin



Steel mounting
bracket



Post
cap



Pin with double-sided head.
For the support extending the rack segment

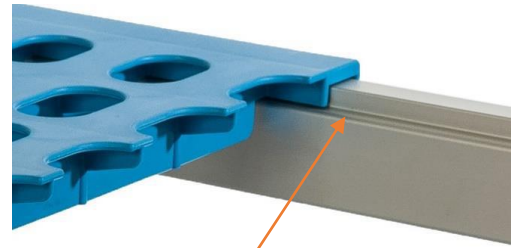


Pin with single-sided head.
With a flat screw on the other side.
For supports ending the rack.

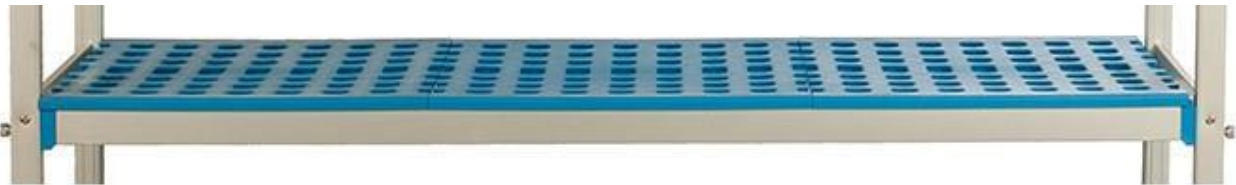
Mounting and adjustment of shelves



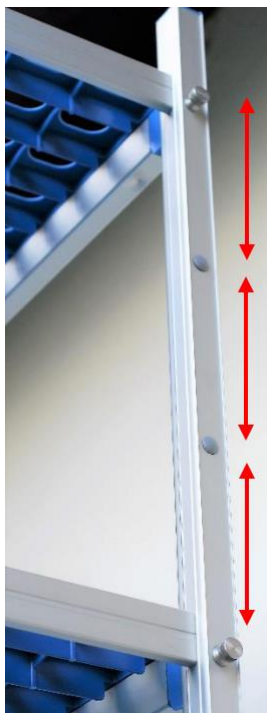
Shelf insert – polypropylene grille
Sample dimension 500 x 400 mm



Shelf crossbar is positioned with the edge facing towards the inside of the rack.



Complete shelf – an example consisting of three shelf inserts.
Aluminum shelf crossbar – visible under the shelf.



Hole spacing
every 150 mm

Hole spacing
every 150 mm

Hole spacing
every 150 mm

SHELF HEIGHT ADJUSTMENT

The post has pre-drilled holes spaced every 150 mm. The holes are capped. There is a possibility to adjust shelf height. To do so, remove the cap and place the pin in the required hole.

A rack set includes:

Aluminum supports: vertical posts, connected with horizontal crossbars, with pre-drilled holes, spaced every 150 mm, with caps or pins placed inside. The posts have end caps at the top and adjustable feet at the bottom. Depending on the type of rack, there may be two or more supports.

There are two types of supports – end supports ended with a flat pin screw. They enable moving the rack to the very corner or wall of the storage room.

Intermediate supports enabling extending the rack by another segment. This type of support is ended on both sides with protruding heads of the pin, which allows placing of the rack crossbars on both sides of the support.

Aluminum shelf crossbars: ended on each side with a polypropylene mounting bracket that enables connection with a pin.

Shelf inserts: polypropylene shelf inserts depending on the dimension, e.g. 500 x 400 mm

Pins: There are two types of pins. They are either ended on both sides with a head or on one side with a head and on the other with a flat screw. The pins ended on both sides with a head are used for extending the rack and assembling subsequent segments. Single-head pins are placed in supports ending the rack, making it possible to move the rack almost to the very corner or wall of the storage room.

Polypropylene mounting brackets: slid with one part into the aluminum crossbars of the shelves, whereas the other part is used as a mounting element – suspension brackets for rack crossbars.

Steel mounting brackets: used only for connecting racks. The brackets are made of stainless steel. They are mounted on one side on the aluminum crossbar and on the other side there is a polypropylene bracket with a crossbar mounted on the head.

Rack assembly

Please count the goods supplied before assembly.

An example of a stand-alone rack with the following dimensions: height 1750 mm, depth 500 mm, shelf length 1200 mm, 4 levels of shelves:

- 2 pieces of aluminum end supports,
- 8 pieces of aluminum crossbars ended on each side with polypropylene mounting brackets,
- 12 pieces of polypropylene shelf inserts

Please check whether the pins are tightened to the supports. They may become very loose as a result of assembling and disassembling. If this is the case, they should be tightened manually.

Stand-alone rack

1. Place the first support upright.
2. Start assembling from the lowest shelf level – from the lowest shelf crossbar.
WARNING! The crossbar has a profiled edge on which the shelf insert rests. The profiled edge should be positioned upwards, towards the inside of the rack. See the photo: “Shelf crossbar is positioned with the edge facing towards the inside of the shelf”.
3. Slide the blue mounting bracket of the shelf crossbar onto the pin from above.
WARNING! To avoid damage to the mounting bracket, the element should be placed (fitted) between the protruding edges of the post. See the photo “Mounting bracket and pin mounting to the post”. Incorrect placing of the polypropylene outside the edge will result in damaging the mounting bracket.
4. Add another support and repeat the crossbar mounting on the pin on the other side.
5. Mount the crossbars on subsequent levels of the rack.
6. Place the shelf inserts between the crossbars.
7. Level the rack using the adjustable (unscrewed) feet located at the bottom of the supports.

Rack expanded with another segment

1. In the case of racks extended with an additional segment, the assembly is carried out in the same way as in the case of a stand-alone rack, except that subsequent crossbars, supports and shelves are mounted to the first assembled segment.

Corner and connecting rack

1. First, position the stand-alone rack (if it is to be positioned in the corner arrangement) or two stand-alone racks (if they are to be positioned in the arrangement with a connecting rack)
2. Then hang the steel mounting bracket. Attach the bracket to the end of the crossbar, to the aluminum part.
WARNING! Do not hang the mounting bracket on the blue polypropylene bracket but on the aluminum part. Remove/change position of the steel bracket very carefully so as not to scratch the aluminum crossbar. Do not slide the bracket along the crossbar either.
3. Place the aluminum crossbar on one side of the steel mounting bracket and, on the other side, in the case of a connecting rack, place the crossbar on the steel mounting bracket suspended on the second stand-alone rack. In the case of a corner rack, mount the crossbar to the support pin.
4. The crossbar of the connecting or corner rack is naturally protruding out of the outline of the stand-alone rack post by about 5 cm.
5. Set the depth (spacing between crossbars) in the case of a connecting rack by placing a shelf insert. In the case of a corner rack, the width is automatically set by pins of the added support.
6. Mount the crossbars on subsequent shelf levels of the rack.
7. Place the shelf inserts between the crossbars.
8. Level the rack using the adjustable (unscrewed) feet located at the bottom of the supports.

Assembly tools

The rack has been designed for assembly without using tools and this method of assembly is recommended by the rack manufacturer. However, a rubber mallet may be used. The rubber mallet can only be used to tap the shelf crossbar on the suspension bracket (polypropylene mounting bracket) or to remove it in order to disassemble/adjust the shelf crossbar. The activity should be performed gently, by evenly tapping/knocking out the crossbar on each side so as not to damage the rack suspension bracket.

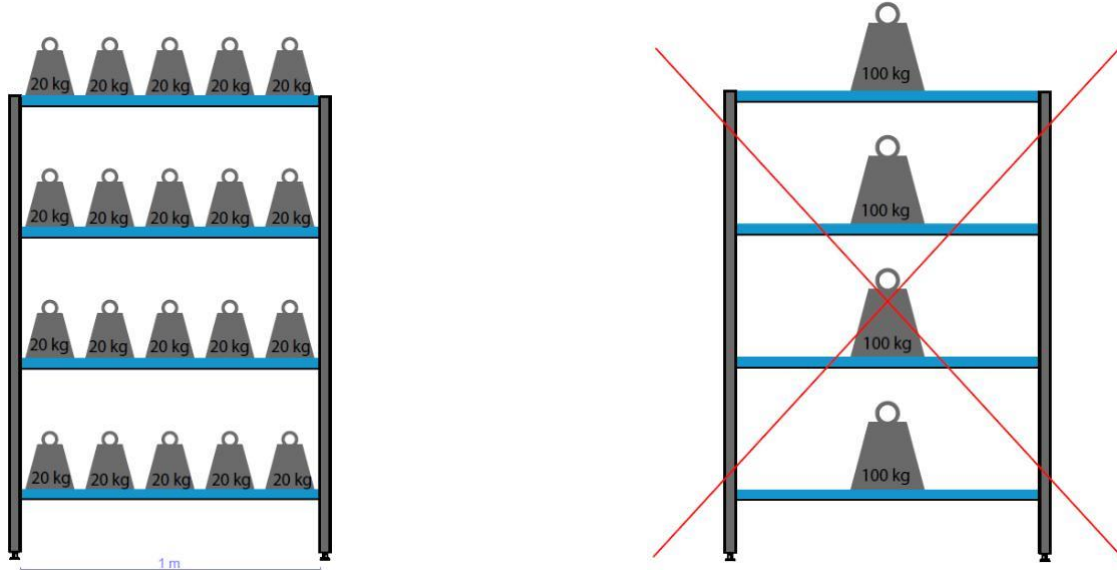
Safety tips

Before using this product for the first time, please read this manual carefully and read the safety tips.

1. Before using the rack, ensure that all components are properly connected.
2. The rack must be leveled, placed on a flat, stable surface that can withstand the load.
3. If required, attach the rack to the wall so that it does not overturn under load
4. Never stand on the rack! Do not use shelves as a ladder!
5. Never load the rack over the values specified by the manufacturer.
6. Never make any modifications to the rack structure
7. Never use the rack if any of the mounting components are damaged.

Hazard **WARNING**

Never load the rack above the maximum permissible value, i.e. a maximum of 100 kg per running meter of shelf. The load should be distributed evenly and not pointwise on the shelves.



The rack is not a toy – it cannot be used by children.
The rack cannot be used as a ladder.

Cleaning and maintenance

A damp cloth with a mild cleaning agent (dishwashing liquid, soap) is sufficient for basic cleaning. After cleaning, wipe the rack dry. If it is heavily soiled, use a commercially available cleaning agent for heavily soiled surfaces. Observe manufacturer's instructions for the cleaning agent used. After cleaning, wipe the rack dry.

Polypropylene inserts can be washed in gastronomic dishwashers. The recommended temperature should not exceed +70 °C.

ATTENTION! Do not move the inserts directly from the refrigeration and freezing chamber to the dishwasher and from the dishwasher to the refrigeration and freezing chamber. In the case of refrigeration and freezing chambers in which the racks are located, before placing the inserts into the dishwasher, remove the inserts from the chamber and place them at room temperature at least 2 hours before washing, so as to warm them up. After washing, remove the inserts from the dishwasher and place them at room temperature for about 30 minutes to cool the inserts, then place on the shelf in the chamber.