



This item is TÜV certified.



single: GP05a
fall height max. 115 cm



double: GP05b
fall height max. 115 cm



triple: GP05c
fall height max. 125 cm

Material

- Solid posts made of recycled plastics (PE) coloured throughout
- Stainless steel screws 6 and 8 mm
- Stainless steel bars diameter 34 mm

Maintenance

The equipment contains no moving parts. The stainless steel requires no maintenance. The plastic material requires very little maintenance, that is cleaning with soapy water and a sponge or soft brush and rinsing with water to remove dirt and soap. As the materials' water absorption is less than 0.29%, it will not get stained by oil, grease or other products. Moss and algae will not adhere easily and can easily be removed. Cleaning with high-pressure (max. 100 bar) is possible but not recommended and mostly even not necessary. Spray with a fan-shaped jet with minimum 30 cm distance from the surface. Painting or staining is useless as the material does not need extra protection and moreover the paint will not stick to the plastic.

Security Zone

An obstacle-free area of minimum 150 cm around the equipment is required. At the sides a free area of 100 cm is often sufficient and accepted, as the fall isn't likely to exceed the 100 cm at the sides of the play. We recommend to consult your prevention advisor.

Inspection Requirements

Visual inspection:

Weekly or monthly, depending on the intensity of use.

Functional:

Monthly or four-monthly, depending on the intensity of use.

Detailed inspection:

Yearly

Special attention during functional or detailed inspection:

- Check the level of shock-absorbing underground, if applicable (level mark under the type plate on the post)
- Check if bars are well tight
- Check worn, loose, damaged, missing parts.
- Check screws sticking out.
- Check anchoring in ground/foundation
- Vandalism?

Use original Govaplast parts when repairing is required, to ensure the TÜV certificate remains valid.

Mounting

The equipment is delivered in pre-assembled parts.

Single GP05a: no mounting required

Double GP05b: two pre-assembled parts

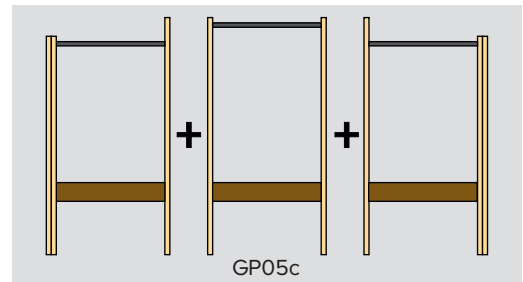
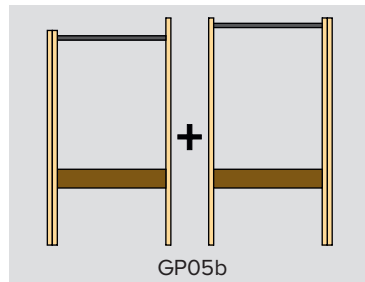
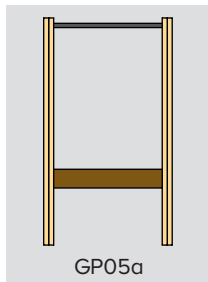
Triple GP05c: three pre-assembled parts

The mounting is done with 8 x 70 mm countersunk stainless steel screws supplied.

The countersunk holes are pre-drilled.

Installation

After mounting, the equipment needs anchoring. Dig a trench to place the equipment. Anchoring is done in concrete foundation. The prescribed maximum distance between the upper bar and ground level is to be respected. It is allowed to place the equipment lower. Attention: installation on loose shock-absorbing material requires modifications to the equipment and a modified maximum height of the upper bar.



Application of level indication

You need to apply the special screw with level indication yourself. Note the difference between installation on a hard shock-absorbing surface or in loose ground. It is allowed to install the equipment lower than the prescribed maximum height (e.g. in kindergarten). Use the stainless steel hex-head screw supplied as level indication by placing it yourself at the bottom of the post under the type plate. We recommend to pre-drill with 4 mm metal drill. **Level indication of shock-absorbing material is required.**



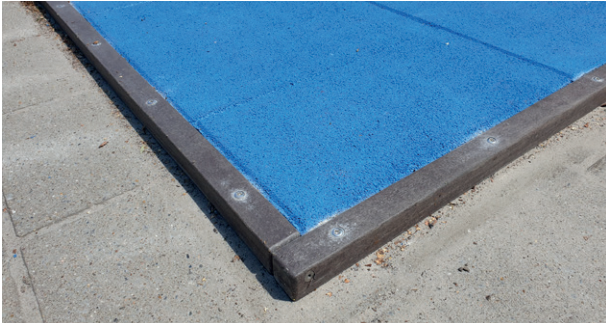
Shock absorption surface required

The equipment's fall height is more than 100 cm. Therefore a shock-absorbing area of 150 cm around the equipment is required. Grass or loose ground is not sufficiently absorbing. The shock-absorbing surface needs to be sufficiently shock-absorbing. Consult your supplier of shock-absorbing material to make sure you use the proper material in compliance with standard EN 1177.

Exmples of olid shock-absorbing material:

Ex. Rubber tiles

Use tiles with a thickness corresponding to the prescribed fall height. This information is mentioned on the tiles' certificate. The rubber tiles can be either placed directly on the existing paving, using a plastic finishing board with rounded edges as a frame in order to avoid that the tiles move. Or the tiles can be placed sunk to the same level as the surrounding pavement. In the latter case a bed of 10 cm stabilised sand or compacted stone chippings is required, under the level of the paving and adapted to the thickness of the rubber tile.



Rubber tiles placed directly on the paving, finished with a rounded border in plastic.



Rubber tiles sunk to the level of the surrounding paving.
Better finishing but more work.
(remove existing paving, and install a bed of stabilised sand or compacted stone chippings)



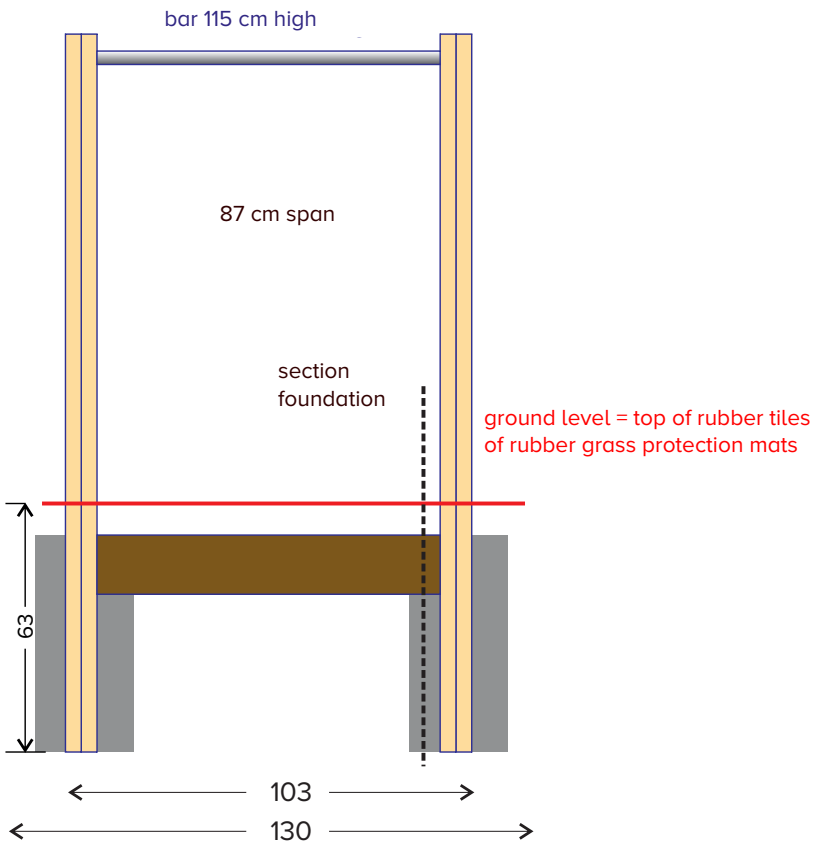
Ex. Rubber grass protection mats

This is a cheaper solution than rubber tiles. The mats can be placed directly on the soil and sown with grass. They are shock-absorbing for fall heights of 150 cm and therefore suitable for horizontal bars. These mats keep the soil from wearing off and getting muddy. The ground won't get overrun and the grass roots are protected and can easily grow again.

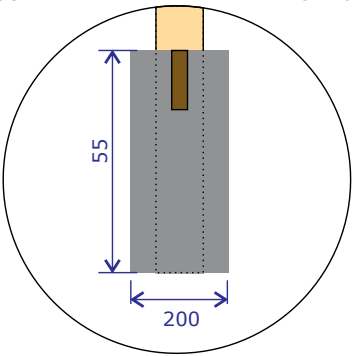


Shock-absorbing layer with rubber grass protection mats.

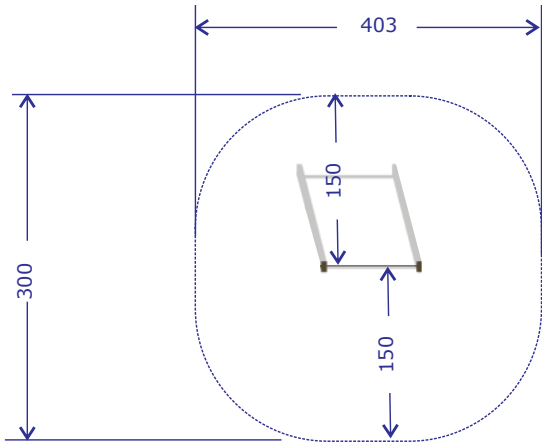
Installation in solid shock-absorbing material Single GP05a



section foundation

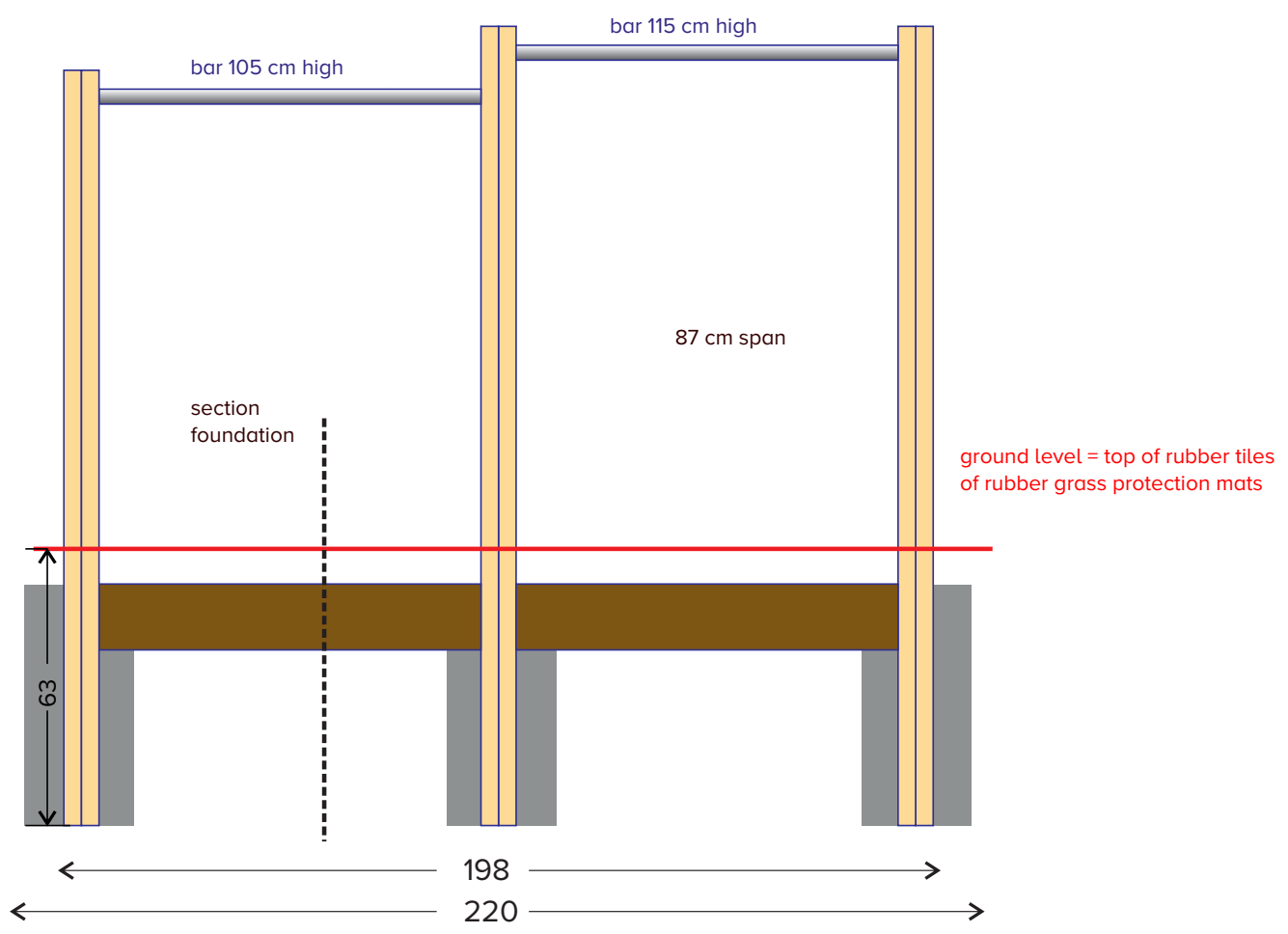


+/- 0,05 m³ concrete or stabilised sand
Or 1 bag of rapid concrete (25 kg) per post

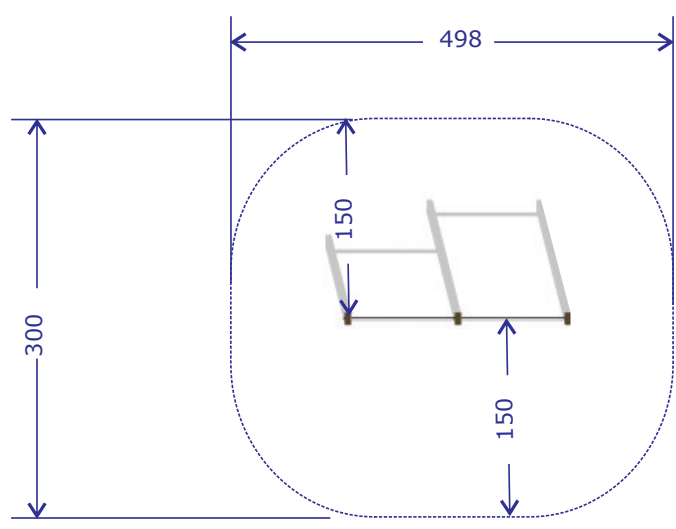


An obstacle-free area of minimum 150 cm around the equipment is required.

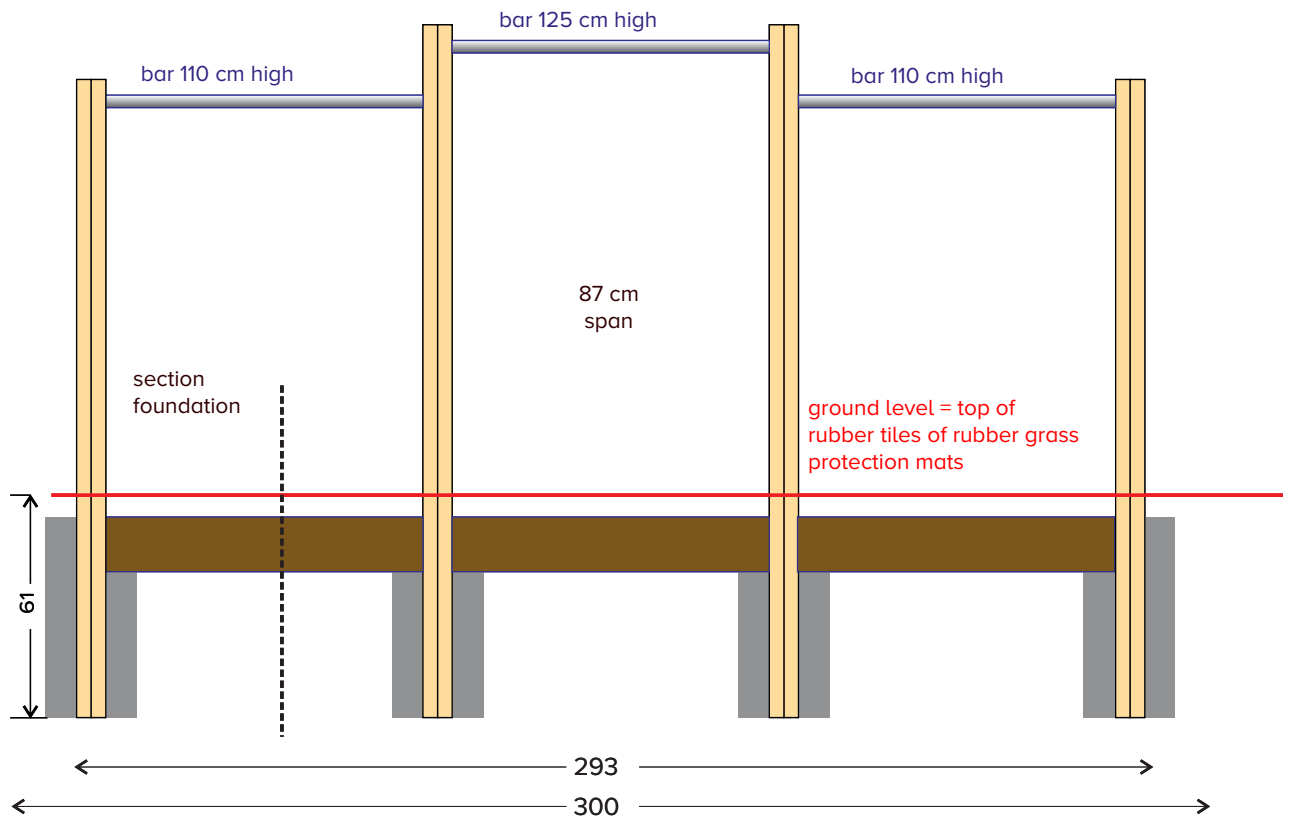
Installation in solid shock-absorbing material Double GP05b



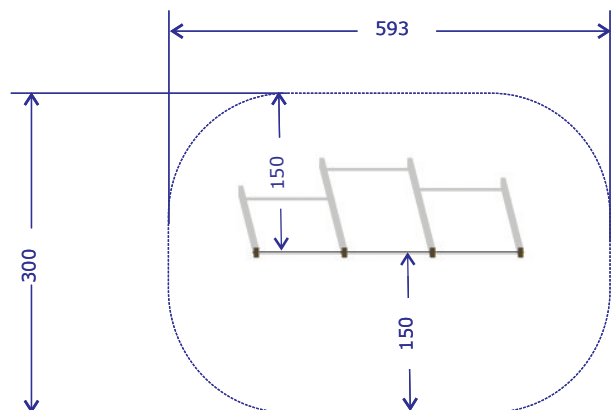
+/- 0,075 m³ concrete or stabilised sand
 Or 1 bag of rapid concrete (25 kg) per post



Installation in solid shock-absorbing material Triple GP05c



+/- 0,1 m³ concrete or stabilised sand
Or 1 bag of rapid concrete (25 kg) per post



An obstacle-free area of minimum 150 cm around the equipment is required.

Loose shock-absorbing material:

A 30 cm deep bed is dug, with or without border, as a minimum 30 cm thick layer is required.

- bark mulch 20 - 80 mm
- wood chippings 5 - 30 mm
- sand 0,2 - 2 mm
- gravel 2 - 8 mm

In schools this loose material is often not a good option as it is spread by the wind or by the children playing. Wood chippings and bark mulch can rot. Gravel can be dangerous when thrown to each other, and sand becomes very hard during frost. The level of loose material needs to be checked regularly to prevent that the layer becomes too thin, the fall height becoming too high and falling directly onto the foundation. Hence the mandatory level indicator.



bark mulch



wood chippings



sand

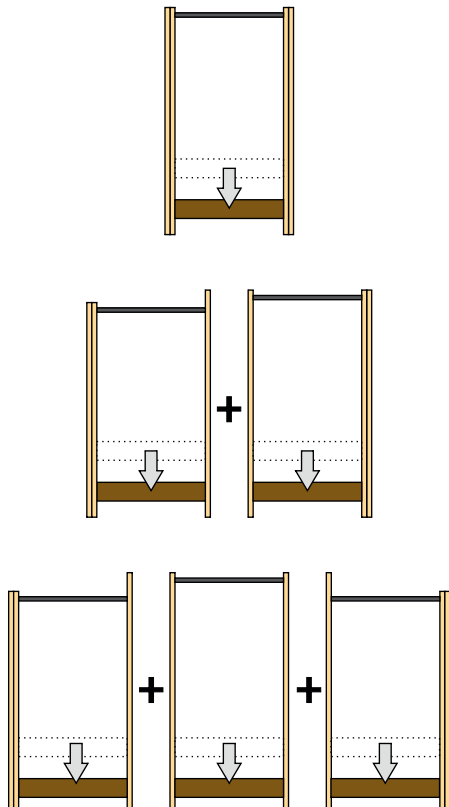


gravel



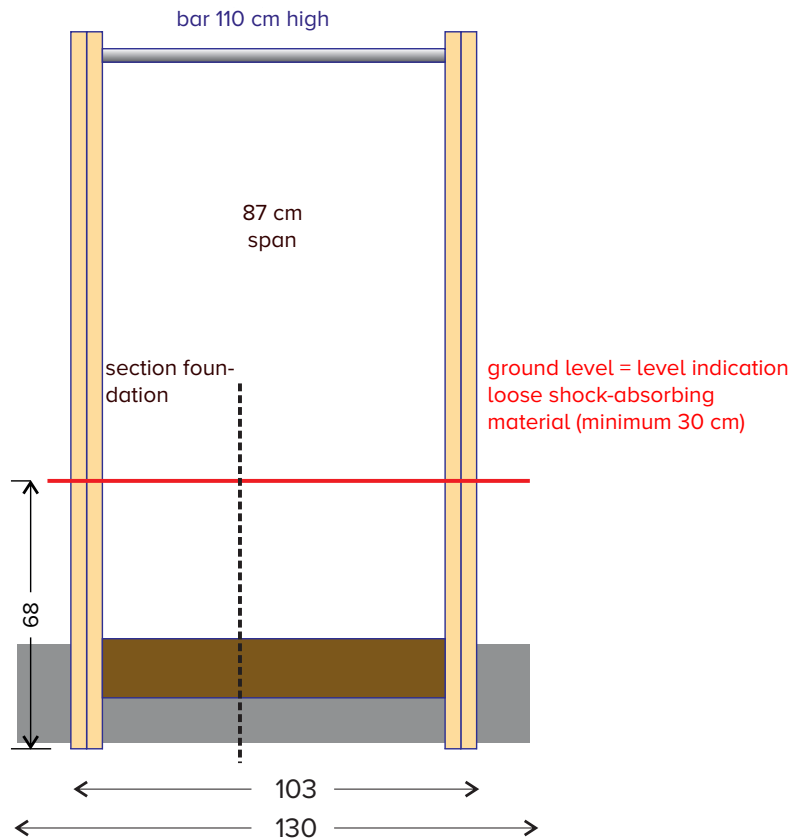
Horizontal bar for loose shock-absorbing material

First move the bottom board. The posts have pre-drilled holes to fit the new position of the boards. Remove the sides by loosening the screw, then move the boards. (use the pre-drilled holes) Then connect the two or three bars and place the sides back.

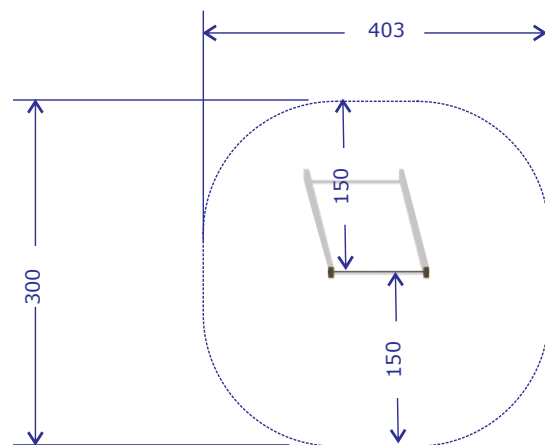
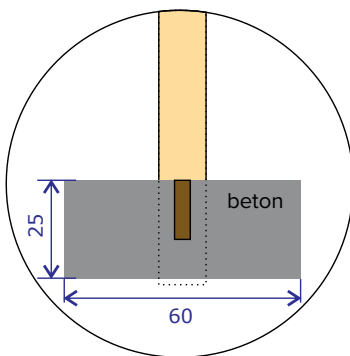


Installation in loose* shock-absorbing material Single GP05a

* First move the bottom boards before the installation.
The posts have pre-drilled holes to fit the new position of the boards.



+/- 0,2 m³ concrete

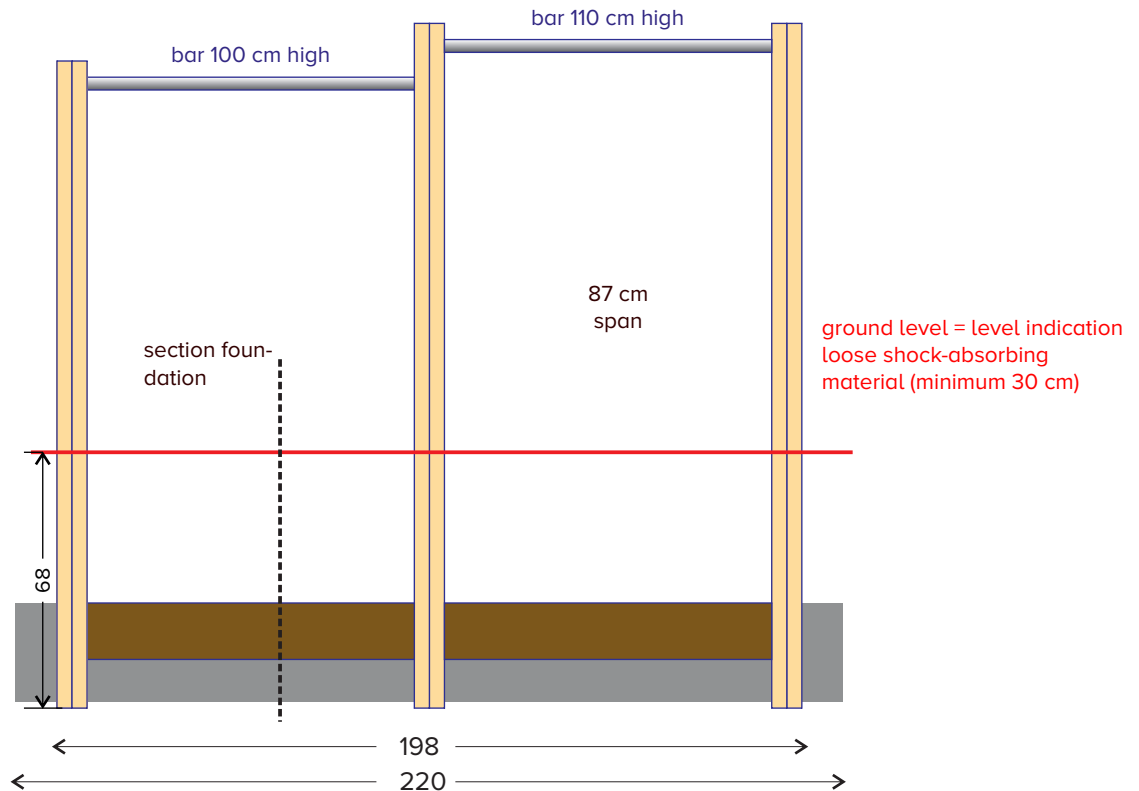


An obstacle-free area of minimum 150 cm around the equipment is required.

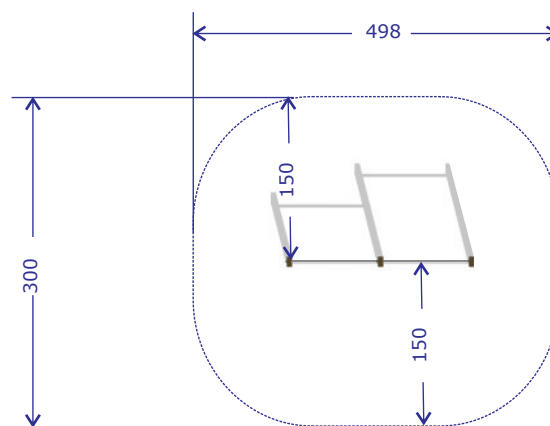
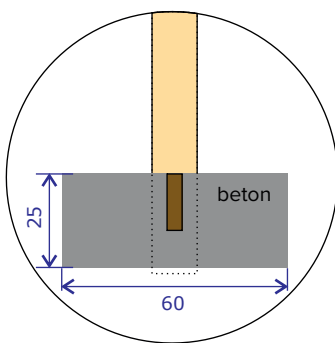
Installation in loose* shock-absorbing material Double GP05b

* First move the bottom boards before the installation.

The posts have pre-drilled holes to fit the new position of the boards.



+/- 0,33 m³ concrete

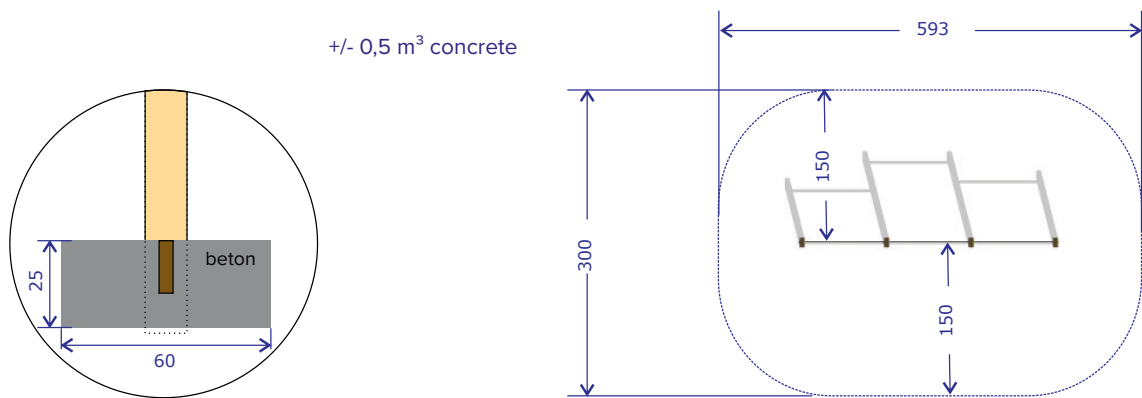
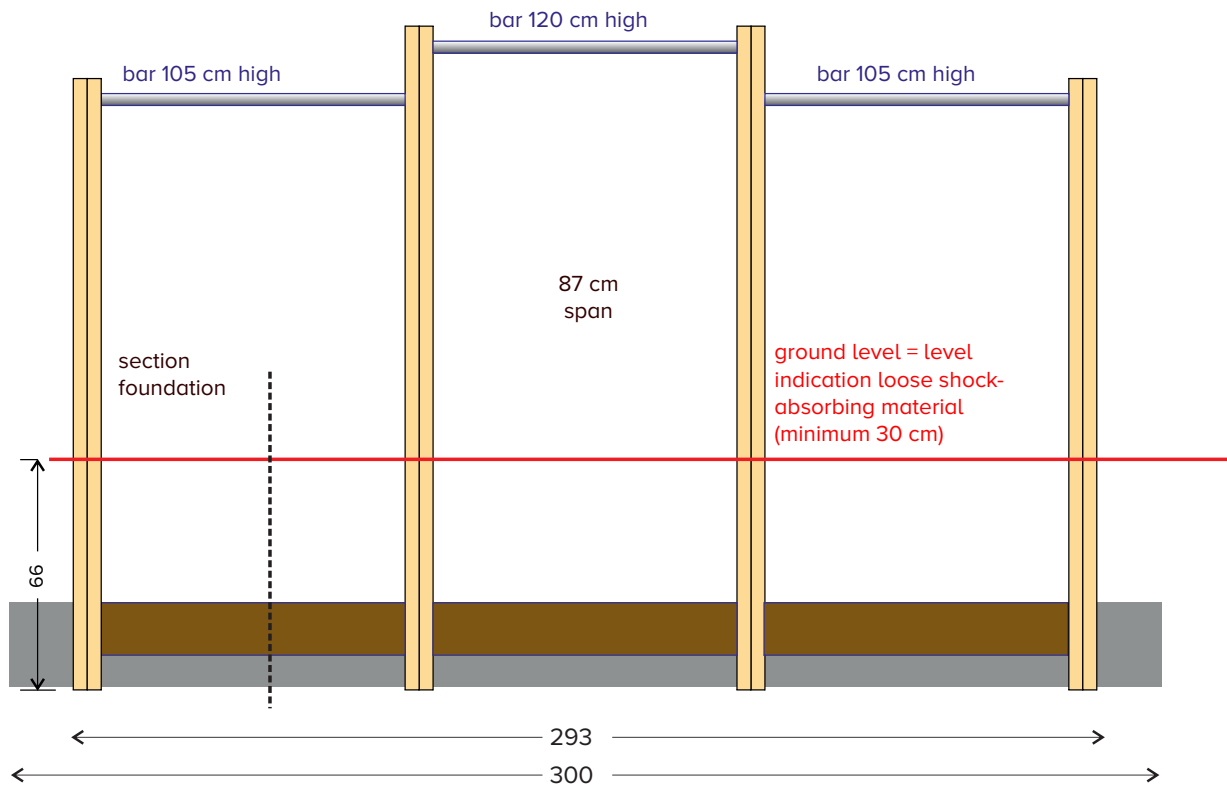


An obstacle-free area of minimum 150 cm around the equipment is required.

Installation in loose* shock-absorbing material Triple GP05c

*First move the bottom boards before the installation.

The posts have pre-drilled holes to fit the new position of the boards.



An obstacle-free area of minimum 150 cm around the equipment is required.