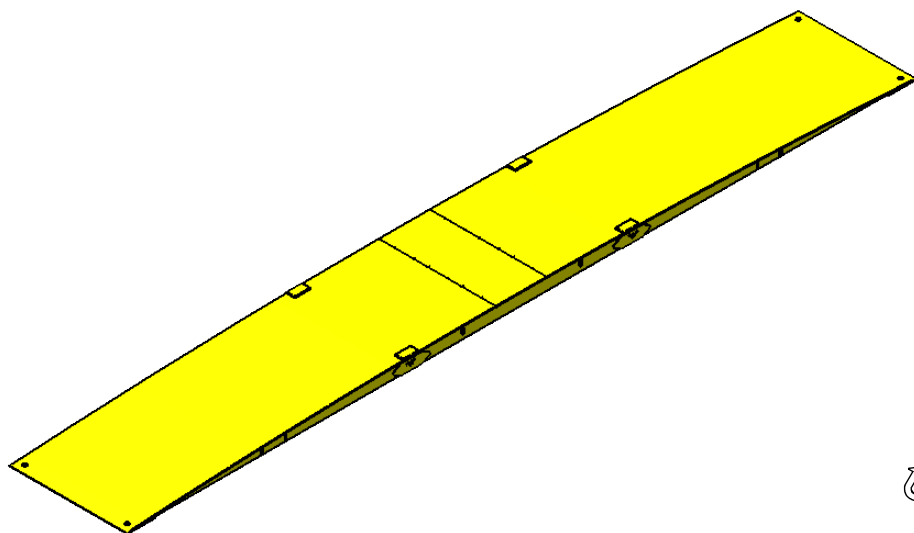


Traffic Bridge 10 m

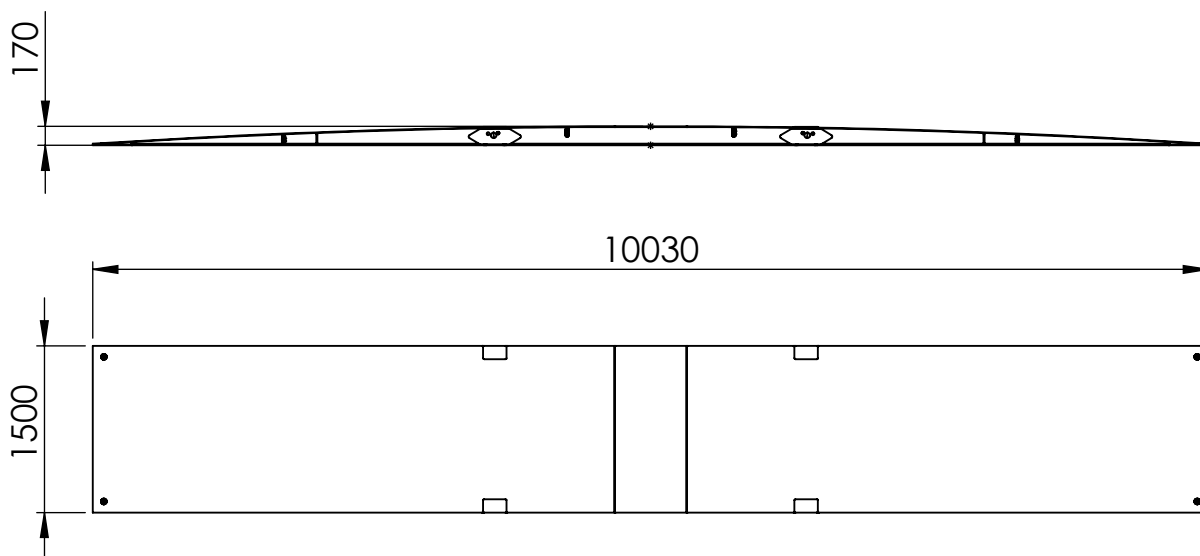


Steel

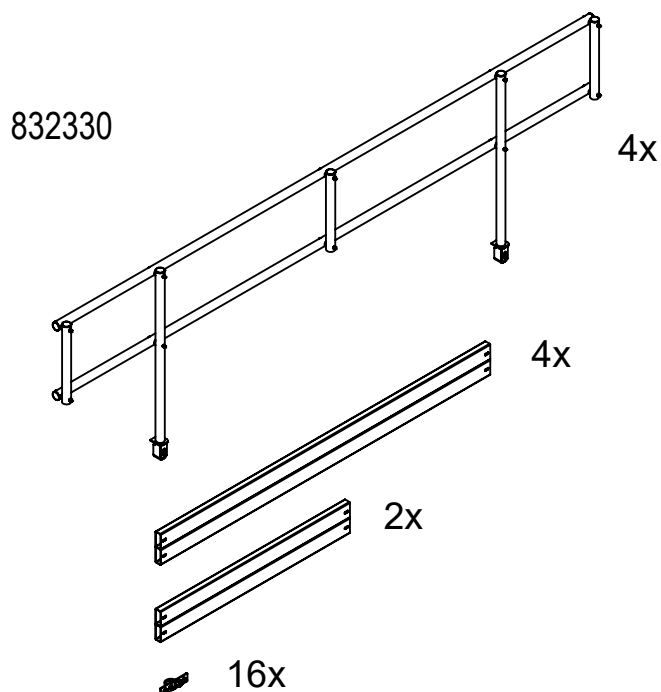


2100

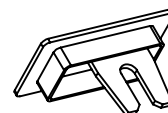
[mm]



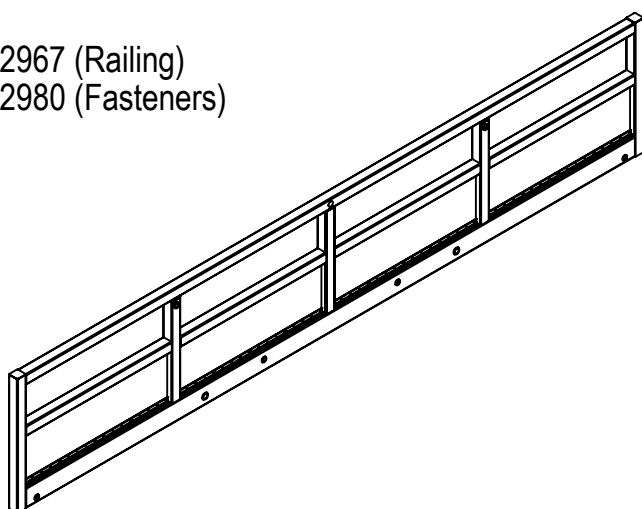
Accessories



832389

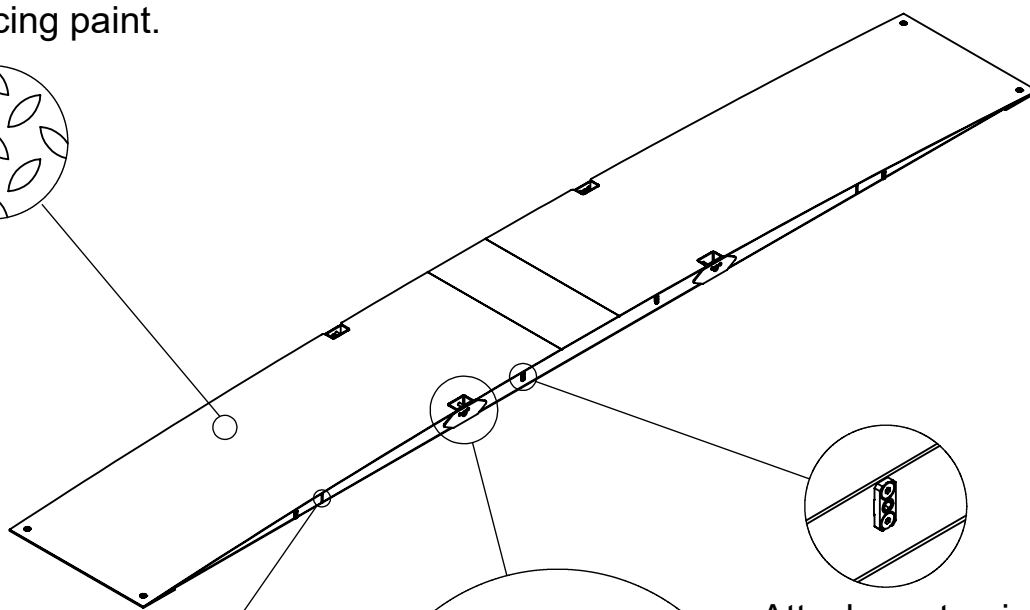
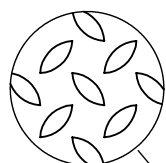


832967 (Railing)
832980 (Fasteners)

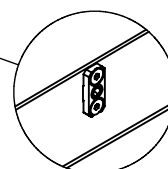


Product Details

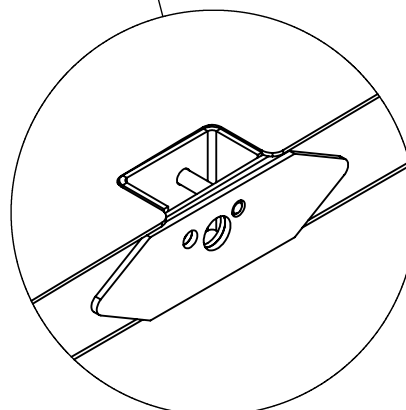
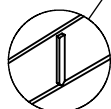
Tear plate with friction enhancing paint.



Attachment points for railing. (8x)

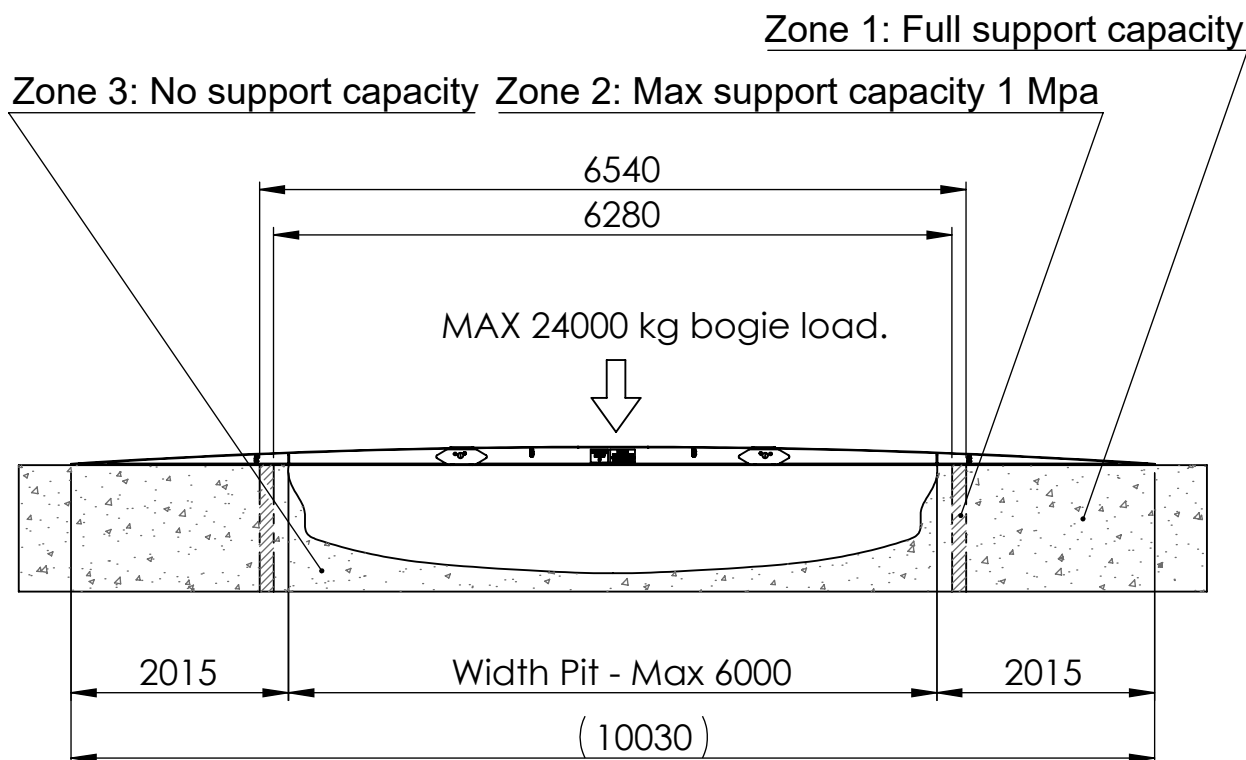


Marker for max free span. (x4)

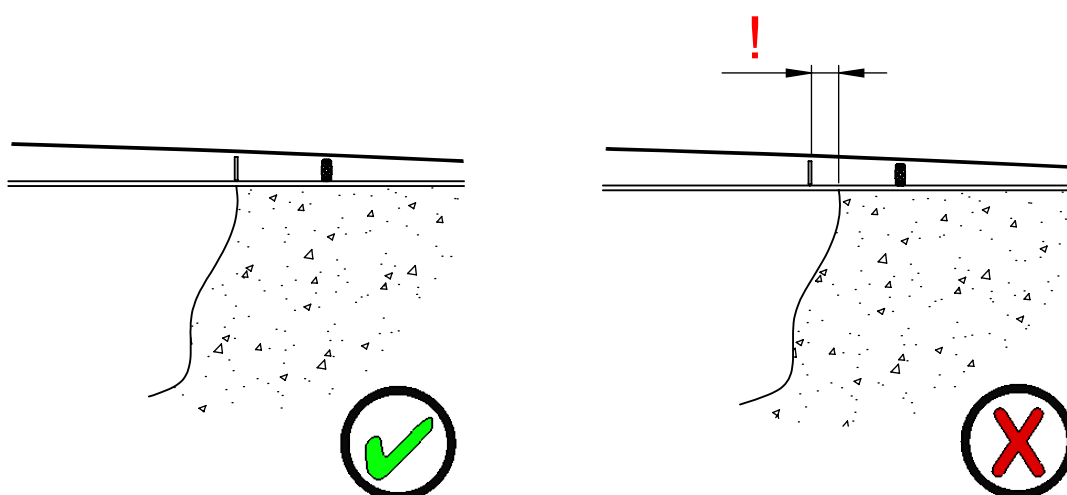


Lifting Points. (4x)

Installation



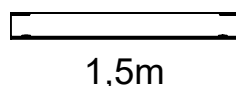
Data regarding support capacity has been gathered from the Swedish National Board of Housing, Building and Planning.



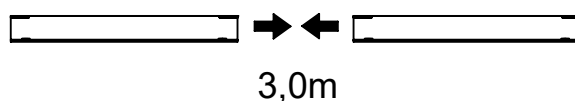
Installation

The bridges can be connected to reach the desired width. See some examples below:

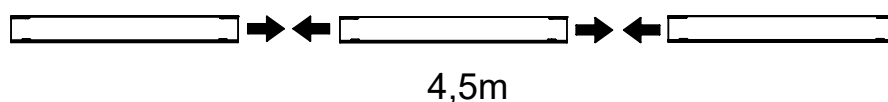
For pedestrians/bike traffic one single bridge section can be used:



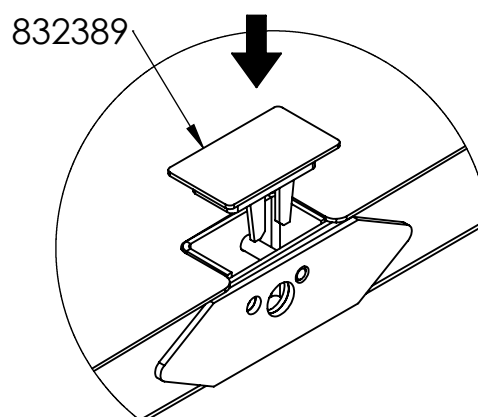
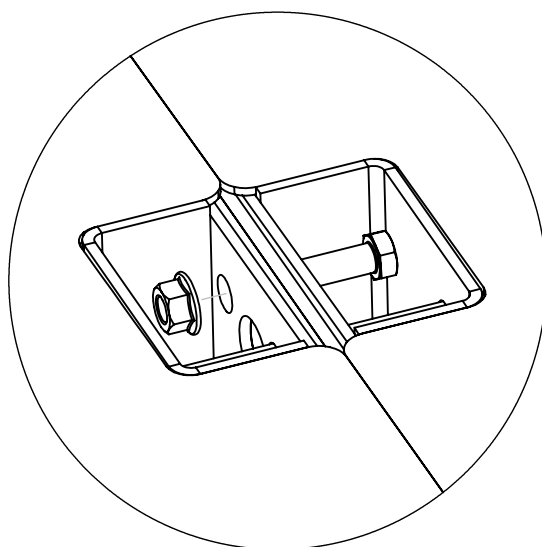
For single lane vehicle traffic two or three bridge sections can be connected:



For two-lane vehicle traffic four or more bridge sections can be connected.

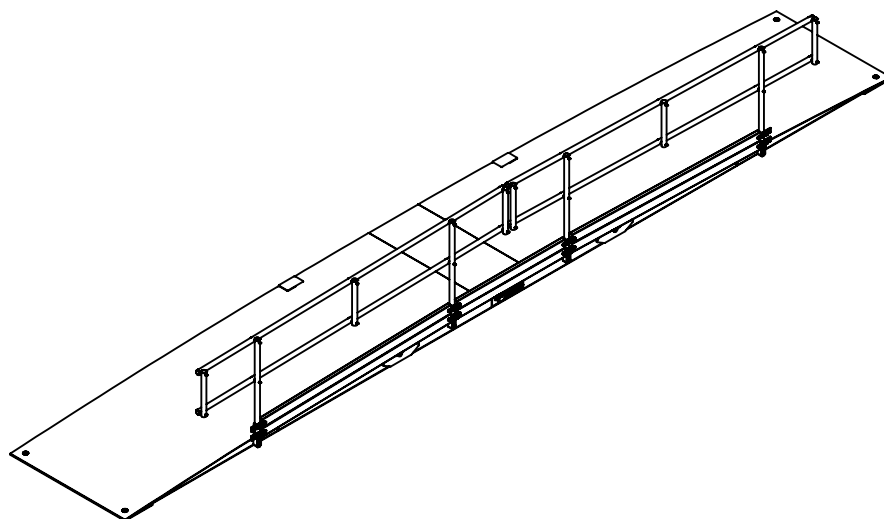


Connect the bridge sections with M20x65 screws of at least 8.8 quality and a locking nut in each lifting pocket. The pockets can be covered with Art. No 832389. The cover is kept in place by the lifting pin.

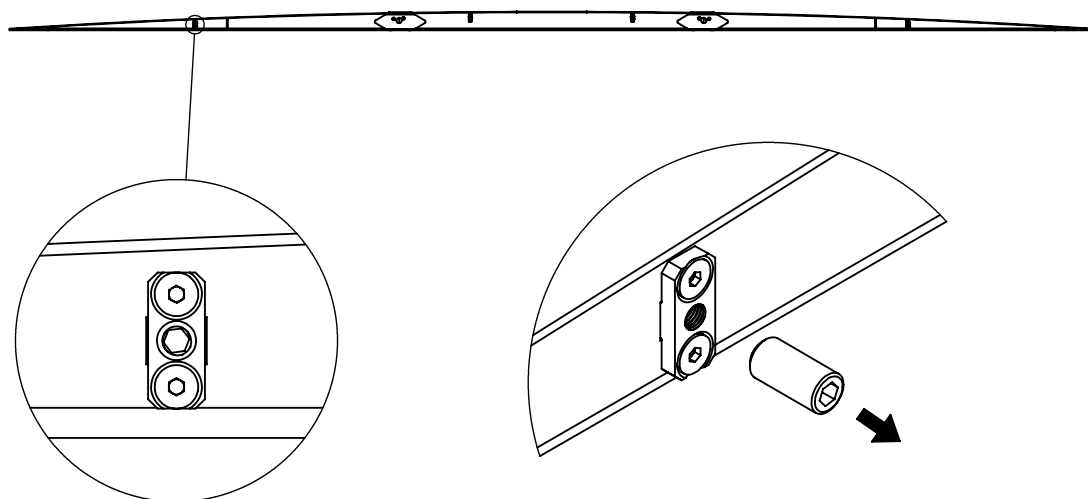


Installation

Installation of light railing (832330).



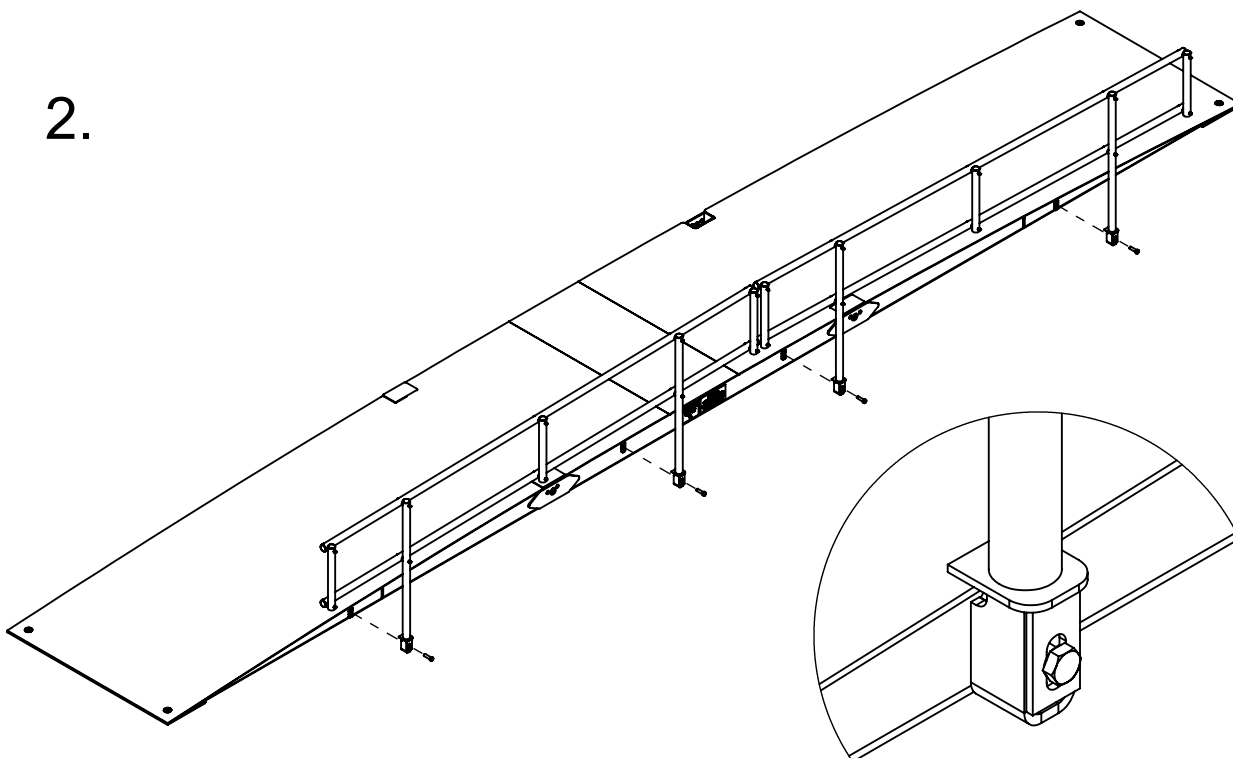
1.



Remove the centre cover screws (4st) with an 8 mm hex bit.
Keep the screws to protect the threads when a railing is not in use.

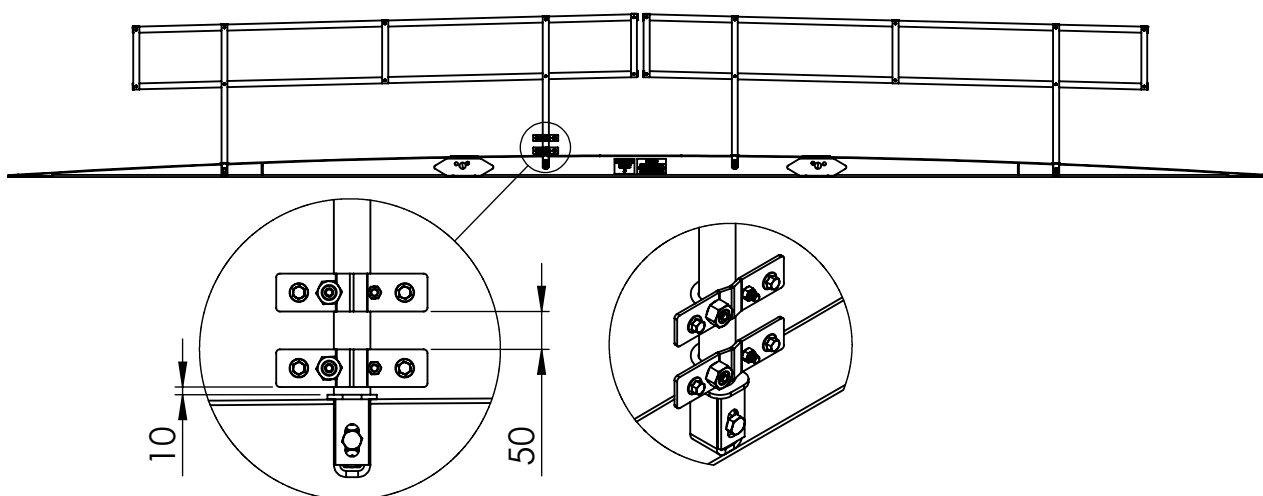
Installation

2.



Attach two railings, 832269, on each side and attach with the included screws M16x60 (2 for each railing). Note that the railings support plate should be resting on the Traffic bridges tear plate according to the detail view above.

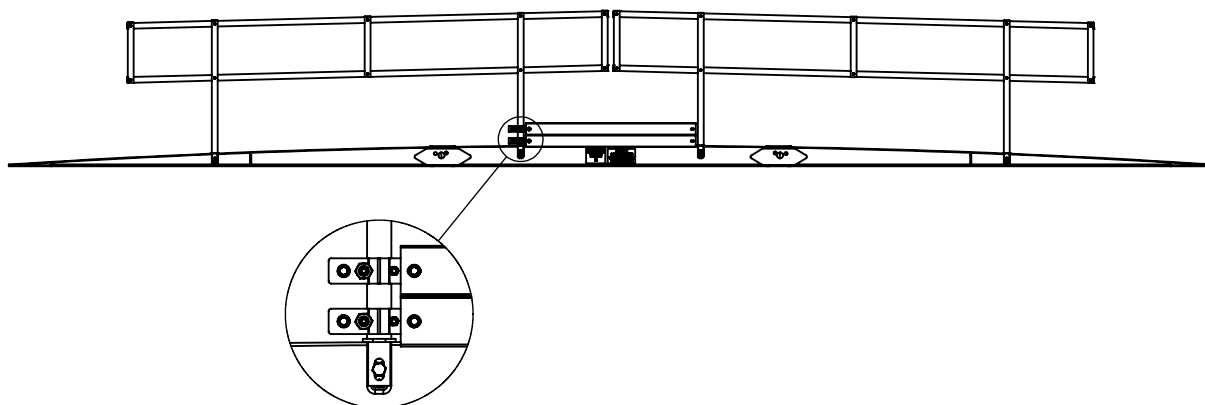
3.



Install two attachments, 832298, at one of the centre posts. Do not fasten fully yet.

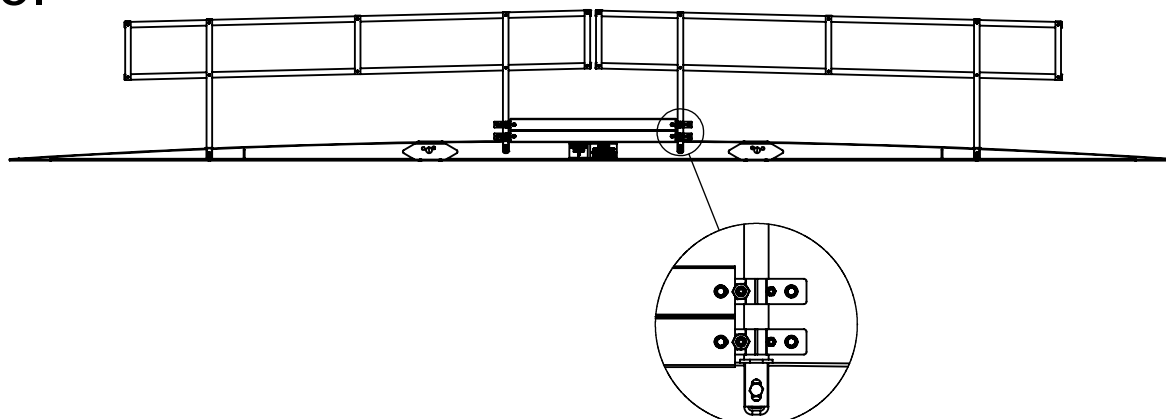
Installation

4.



Remove the attachments outer screws, insert the centre toe board, 832294, so that the attachments are inside the toe boards profile and fasten the screws.

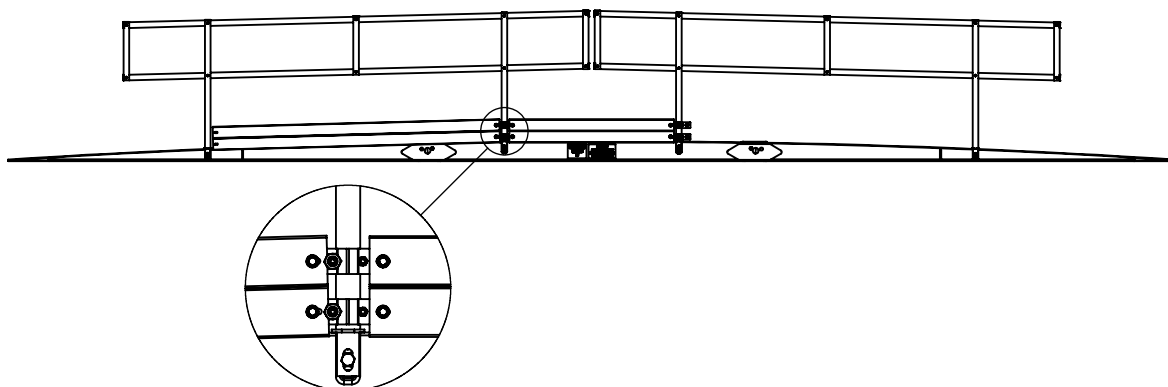
5.



Install two more attachments, 832298, at the remaining centre post.

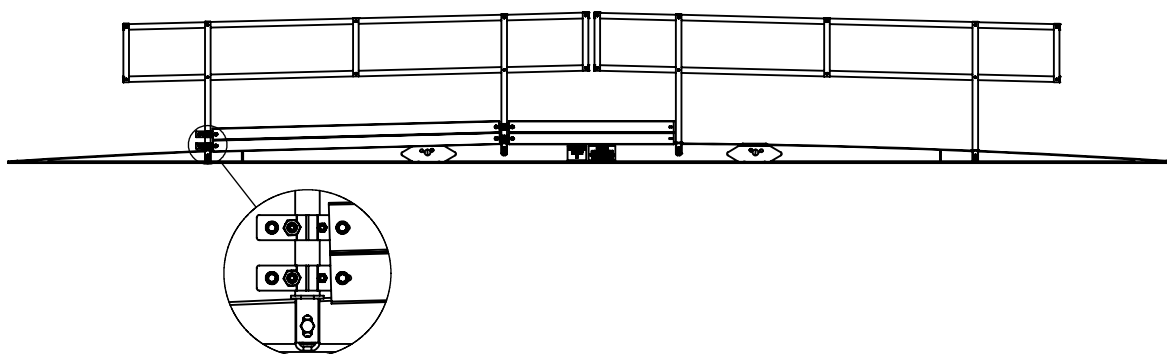
Installation

6.



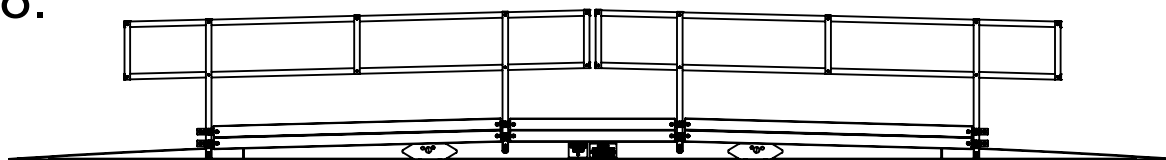
Attach one of the long toe boards, 832292.

7.



Install two attachments, 832298, on the outer post.

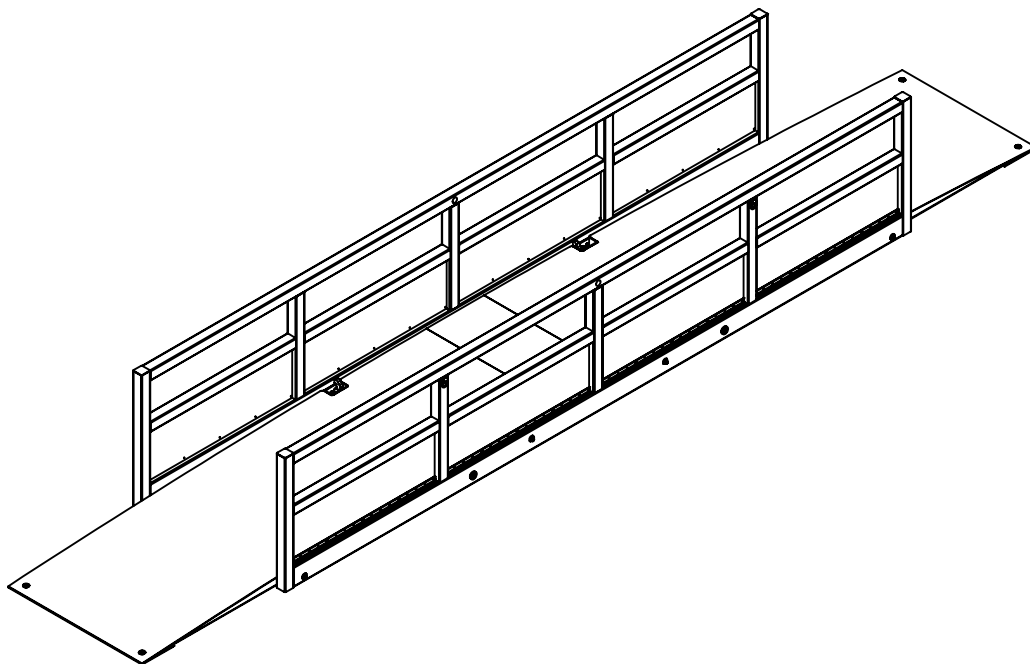
8.



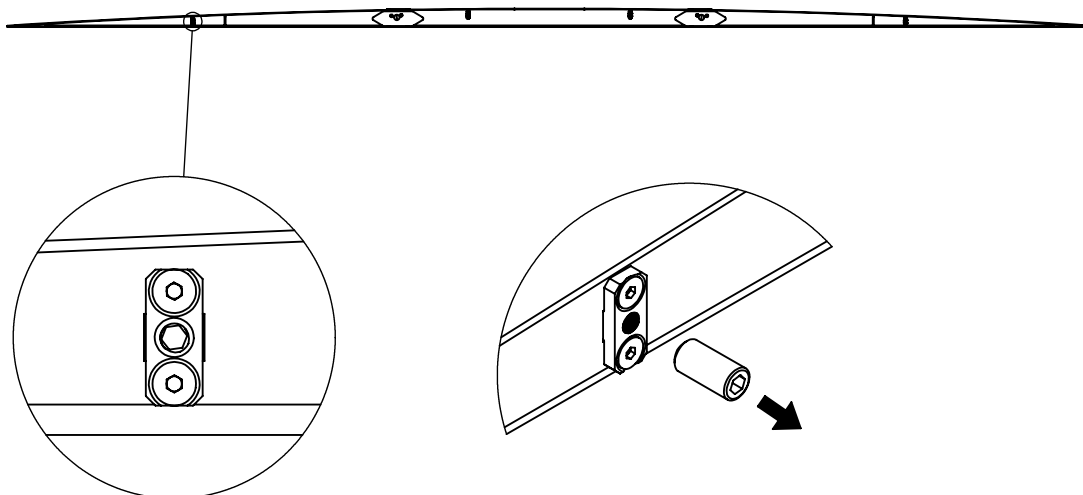
Repeat step 6 & 7 on the opposite side. Fasten all the screws fully.
The railing now meets the demands of EN 13374-A.

Installation

Installation of Heavy Duty-railing (832967).



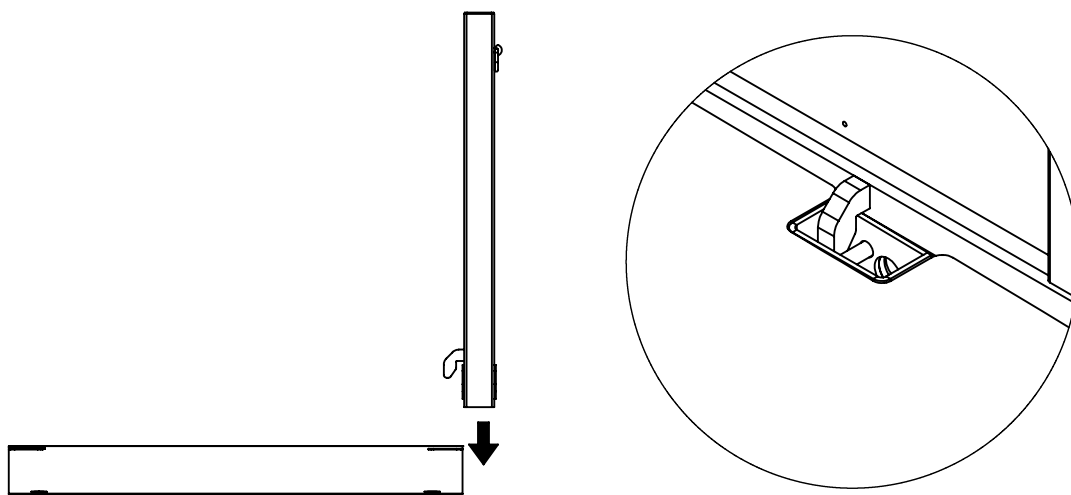
1.



Remove the centre cover screws (4st) with an 8 mm hex bit.
Keep the screws to protect the threads when a railing is not in use.

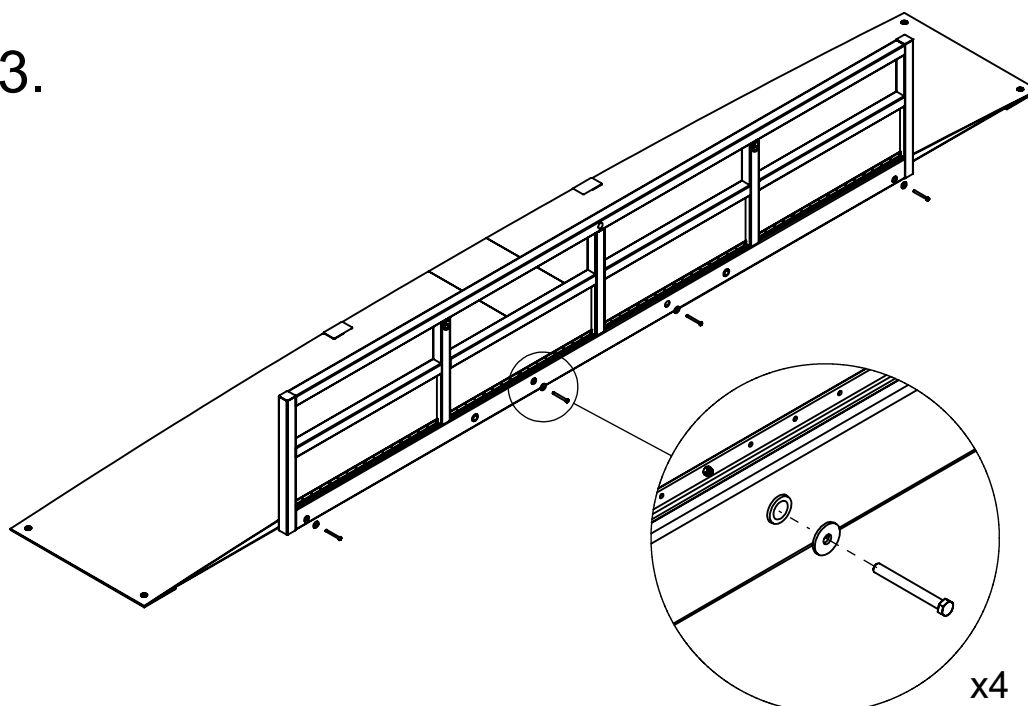
Installation

2.



Lift the railing in place so that the hooks connect with the bridges lifting pockets.

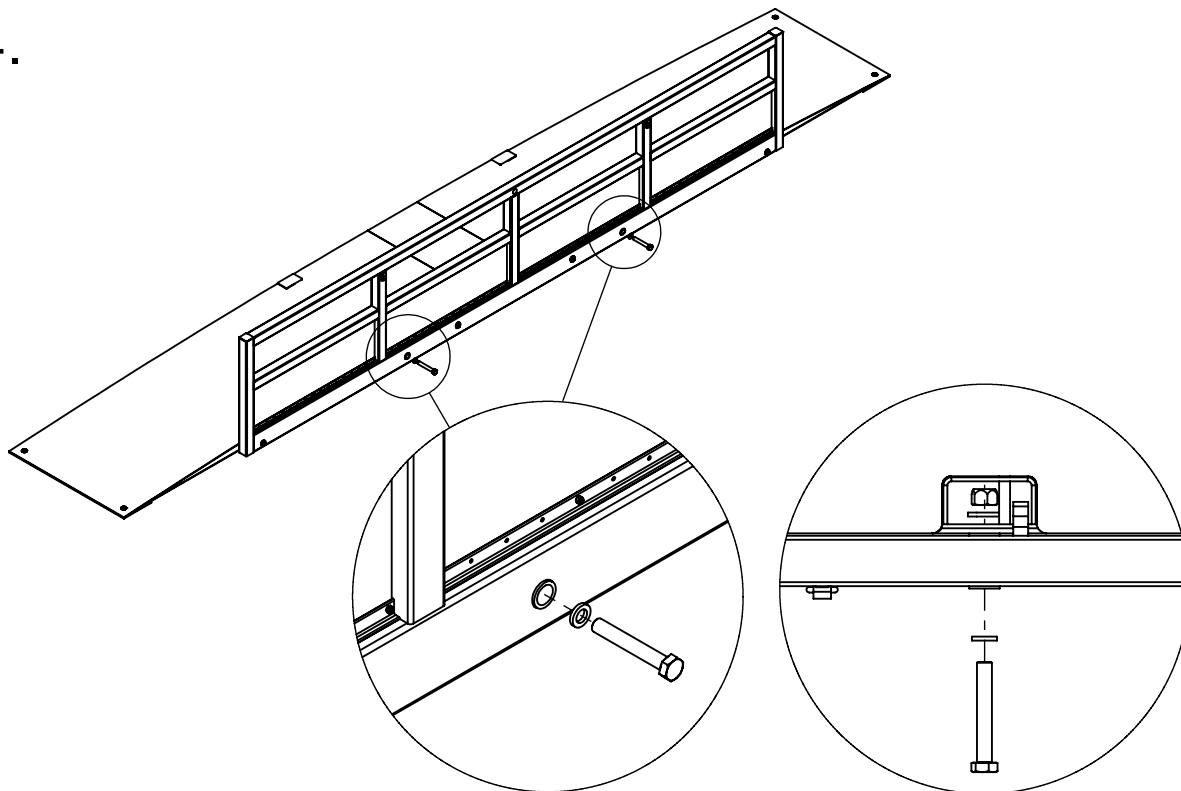
3.



Secure the railing with 4x M16x150 screws and washers from the fastener kit 832980.

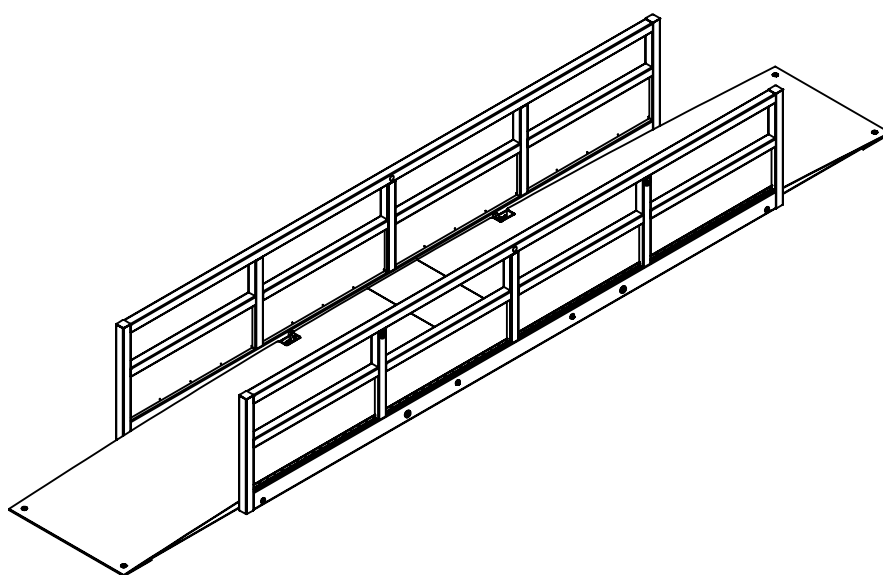
Installation

4.



Lastly secure the railing with 2x M30x200 the associated nuts and washers from the fastener kit 832980.

5.



Repeat step 1 to 4 to attach the railing on the opposite side.

Lifting

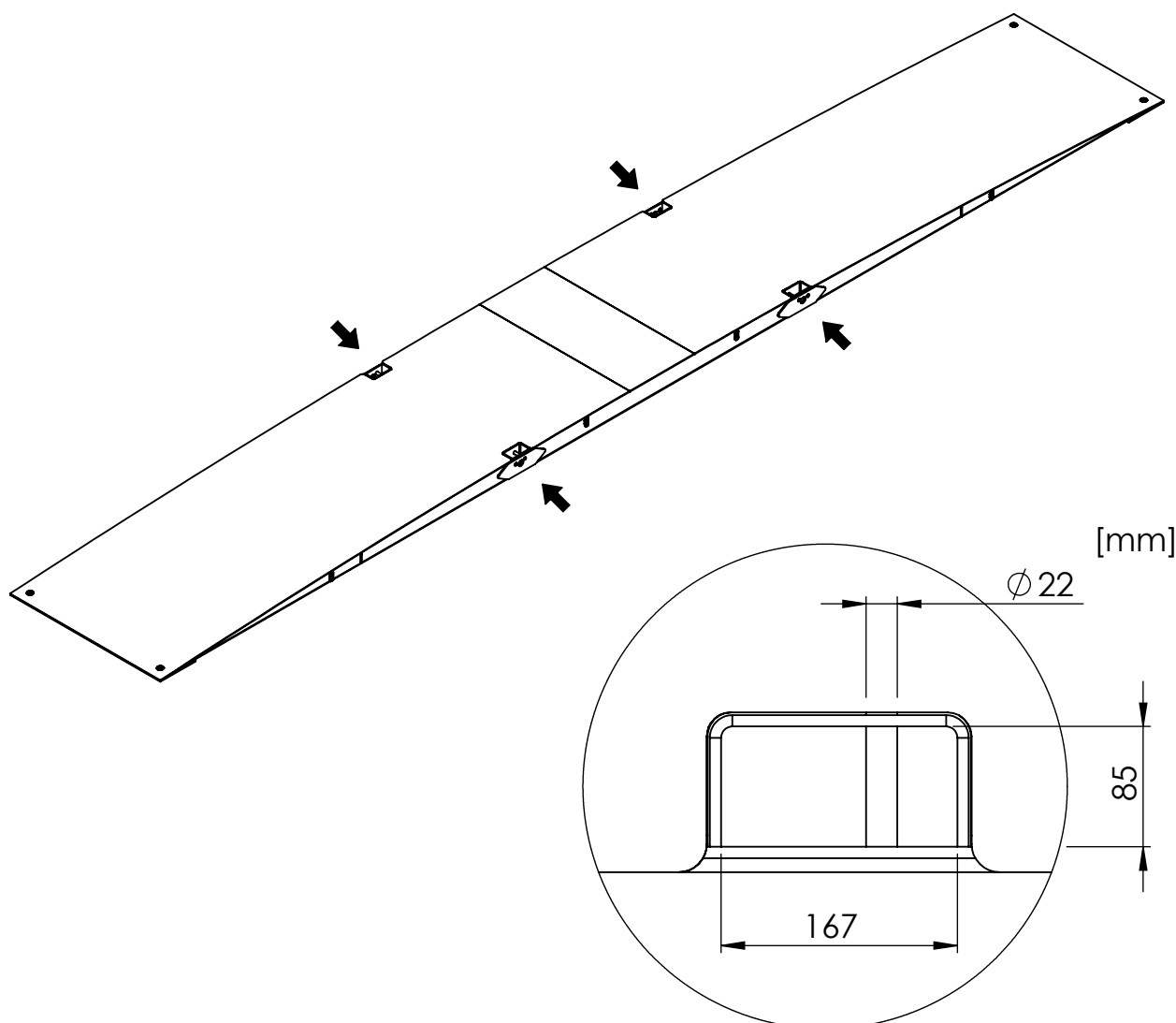
Worxsafe Traffic Bridge 10 m has four lifting points.
The lifting points consist of both a hole and a tap for flexibility.

Use a four part chain approved for the bridges weight, including a desired safety margin.

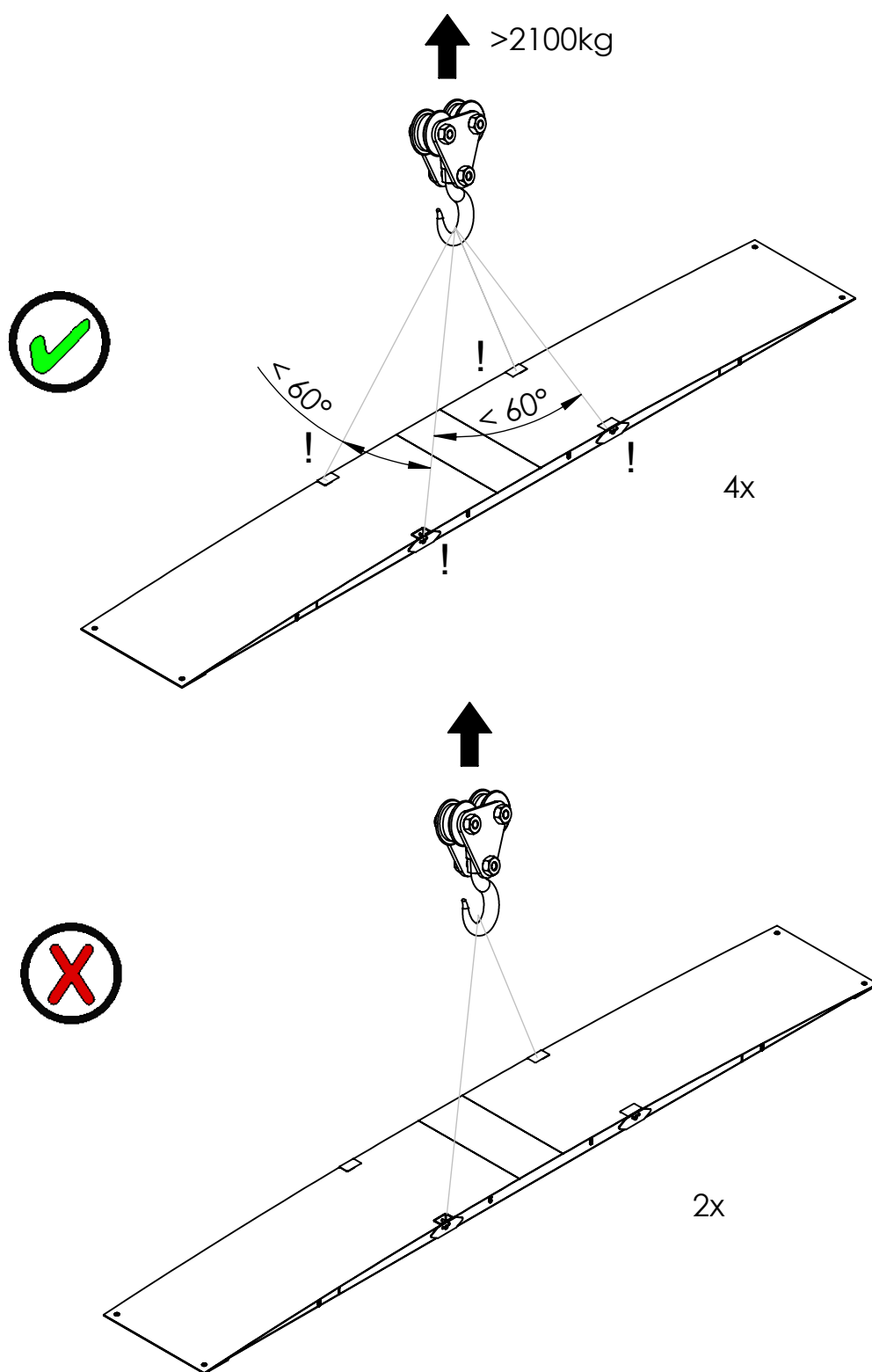
Avoid angles of more than 60° between the lifting chains.



Always use all four lifting points when lifting a traffic bridge.
Never lift connected bridge segments, only one at a time.

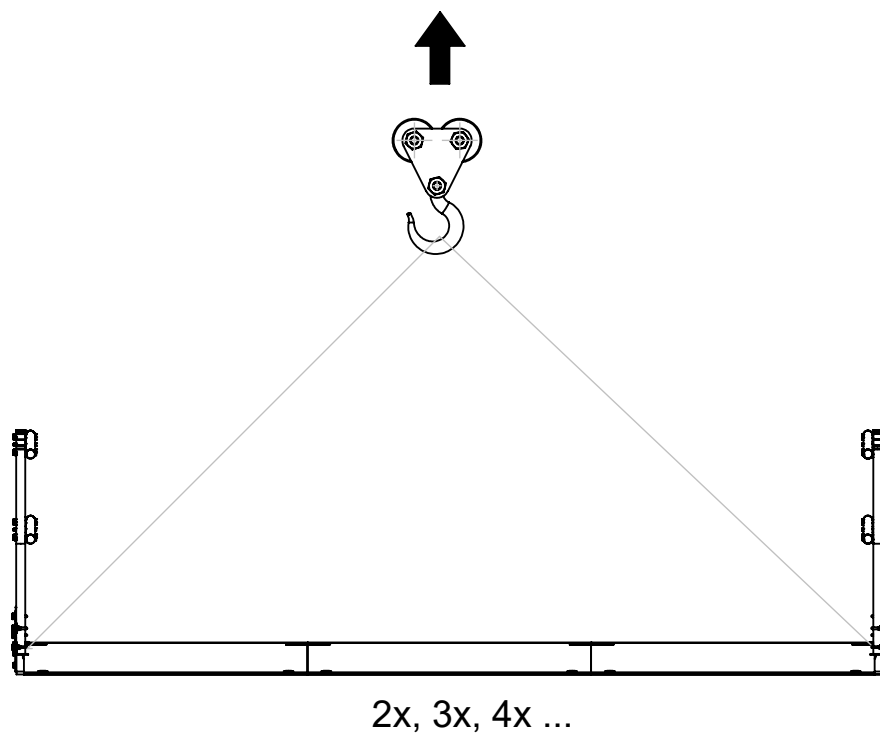
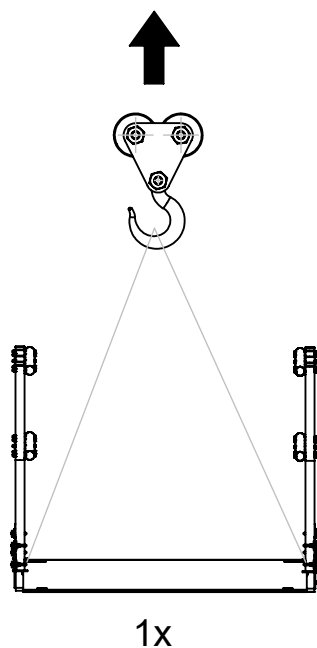


Lifting



Lifting

! Never lift connected bridge segments.



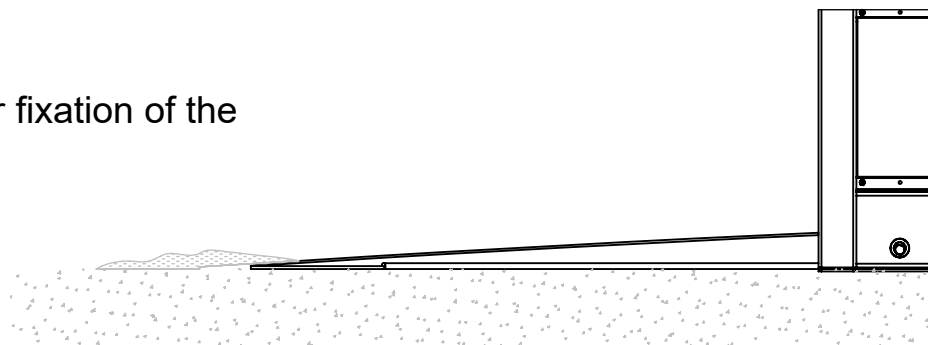


Lifting

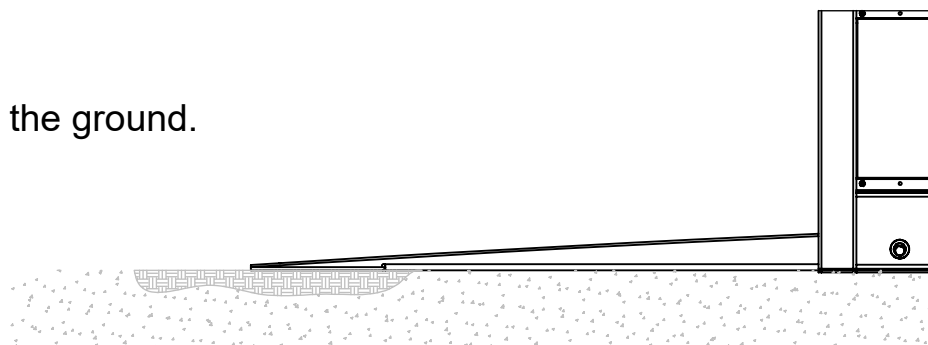
When lifting a traffic bridge, make sure that the bridge is in no way attached to the ground. This can otherwise overload the lifting equipment.

Examples of situations that can cause a bigger load when lifting the traffic bridge:

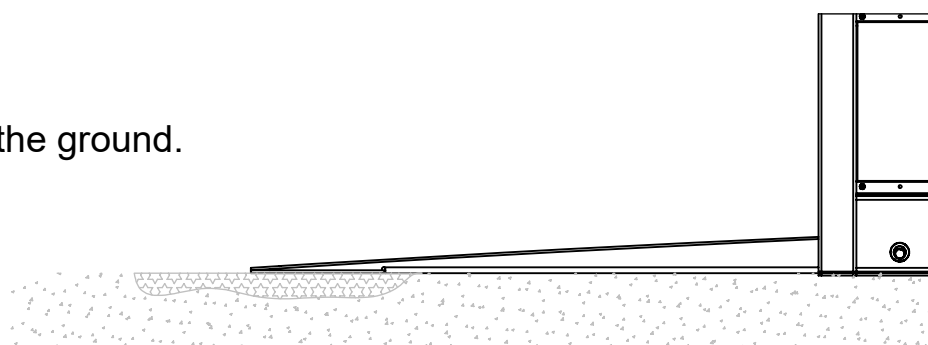
- Asphalt for fixation of the bridge.



- Sticking to the ground.



- Frozen to the ground.





Inspection

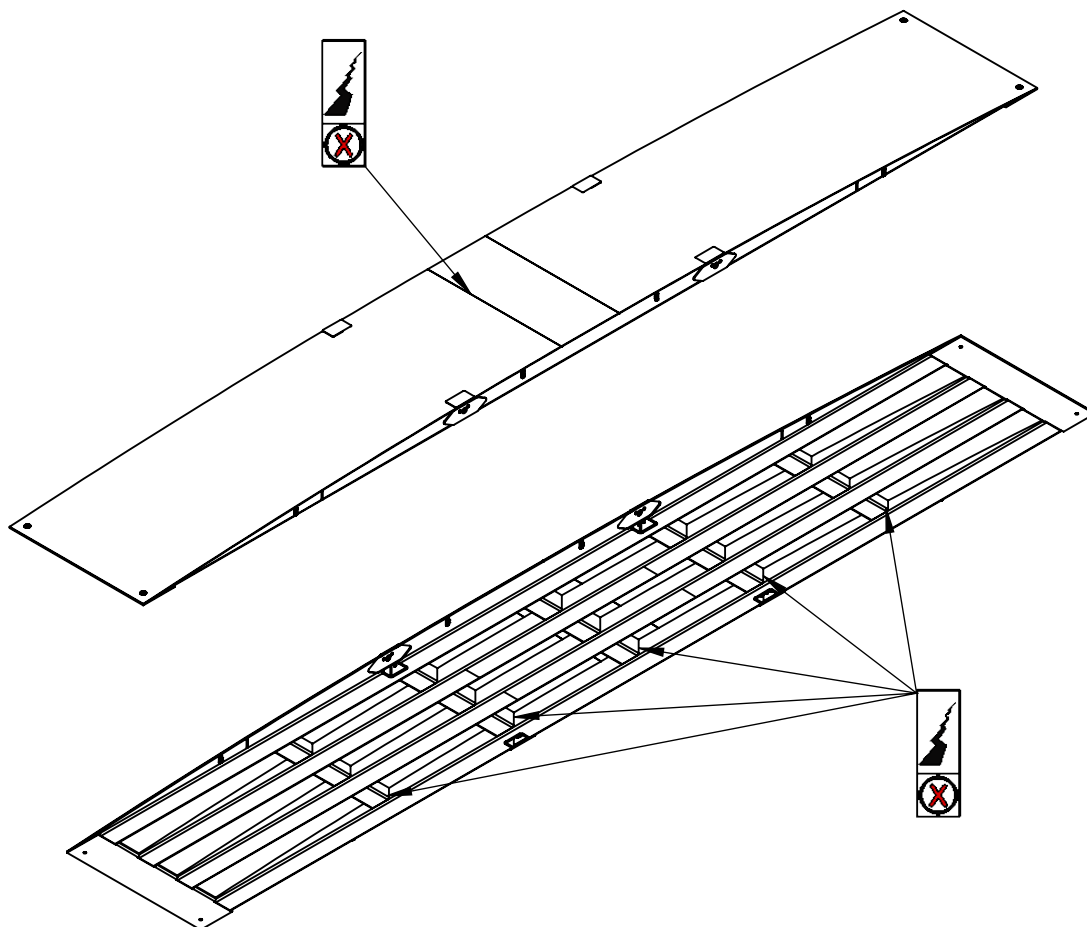
Before each use we recommend a basic inspection:

- Visual inspection of damage to the bridges components.
- Obvious defects in welds at visible surfaces.

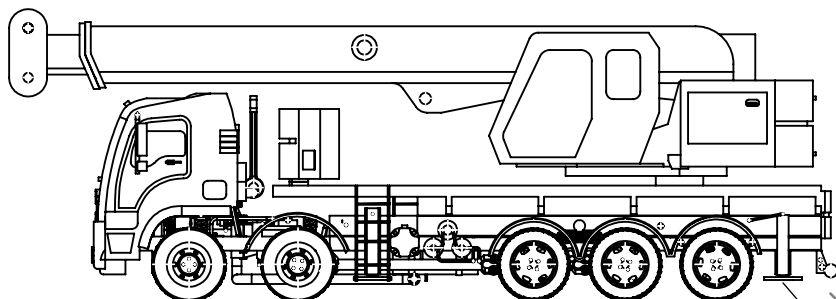
Yearly inspection:

- Cracks in or around welds on both sides of the bridge.
- Corrosion around welds.
- Cracks or deformations at the bridges lifting points.
- Damage in the threads at the attachment points for railings.
- Loose or damaged screws at the attachment points for railings.

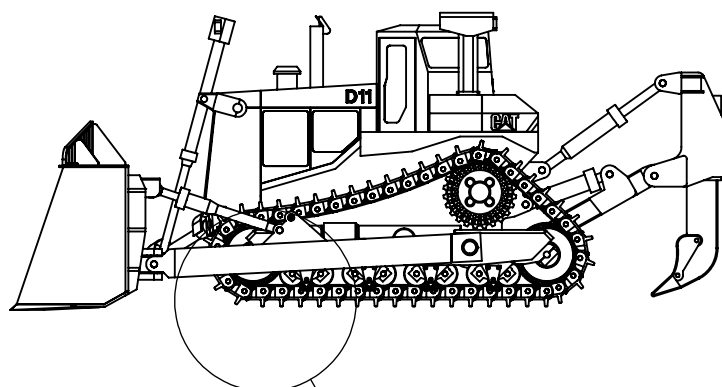
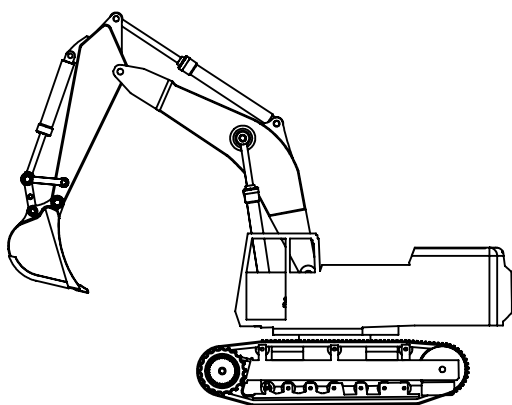
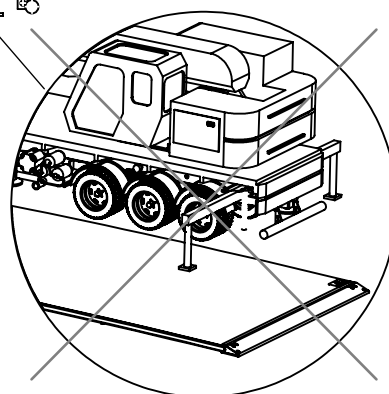
For further evaluation of damage, contact the manufacturer.



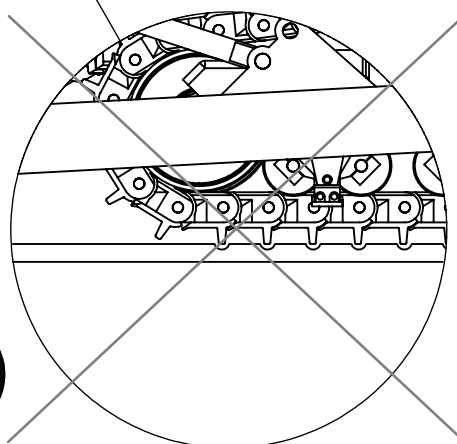
Load cases to avoid



Support legs causes excessive point loads.



Risk of damaging the top surface if passing the bridge with tracked vehicles.

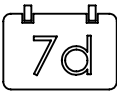
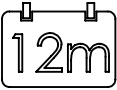
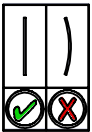


GENERAL

- Always read the manufacturer's instructions to ensure that the product is used correctly and safely.
- If anything is unclear, contact the manufacturer or your retailer.
- Never mix products from different manufacturers.
- Do never exceed the specified load limits.

STORAGE

- Store as far as possible in non-corrosive environment.
- Store the products according to the manufacturer's intended way for example when stacking to minimize the risk of personal injury.

	Technical information		Weight		Tighten with torque
	Inspect		Recycling		Loosen
	Inspection interval (days)		Correct		Max allowed wind speed
	Inspection interval (months)		Incorrect		Force
	Inspect straightness		Be aware!		Moment
	Inspect for cracks		Tighten		Insert