

Manual Netcap UK

Netcap Installation Manual
Version 2020

More info:
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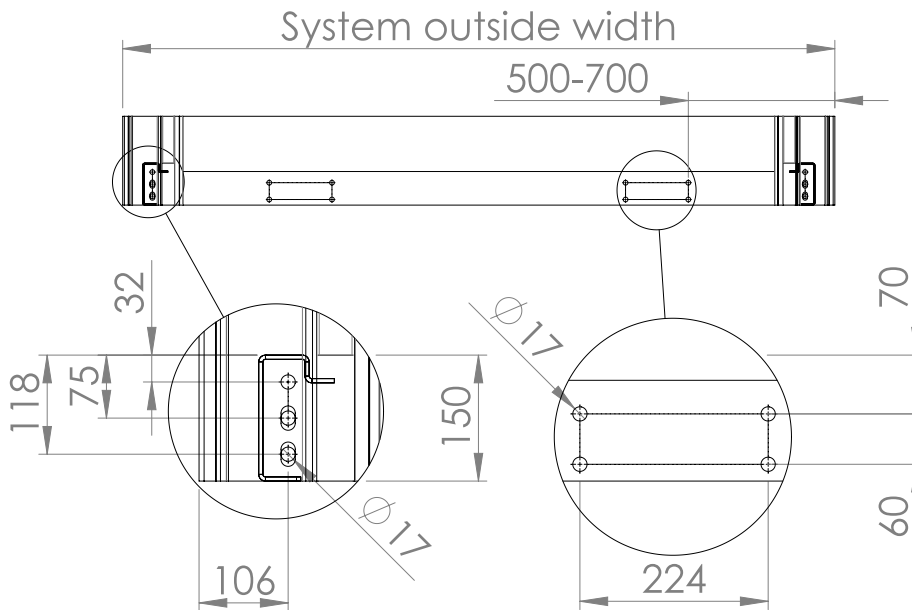
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Netcap headboard installation

❖ Skip this section when not using a Netcap headboard

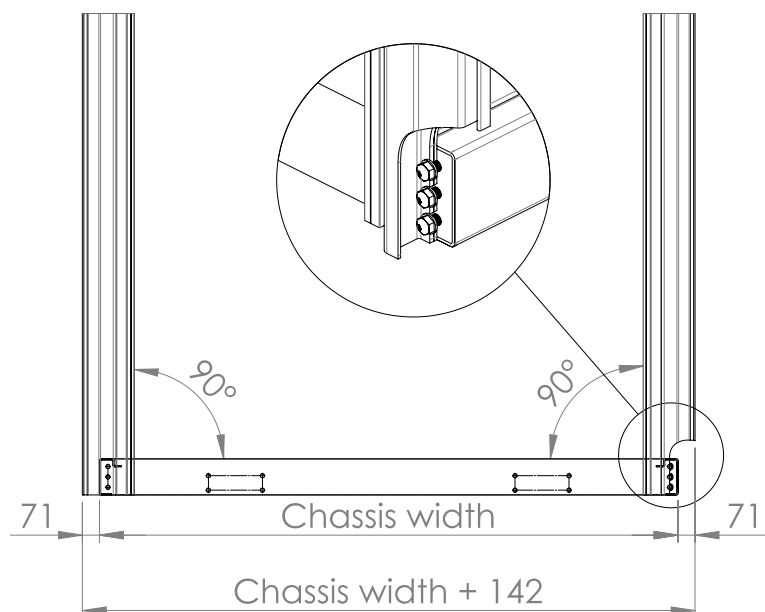
Hole pattern

The holes for a Netcap headboard can be prepared up front by drilling this pattern:



Install right and left headboard corners

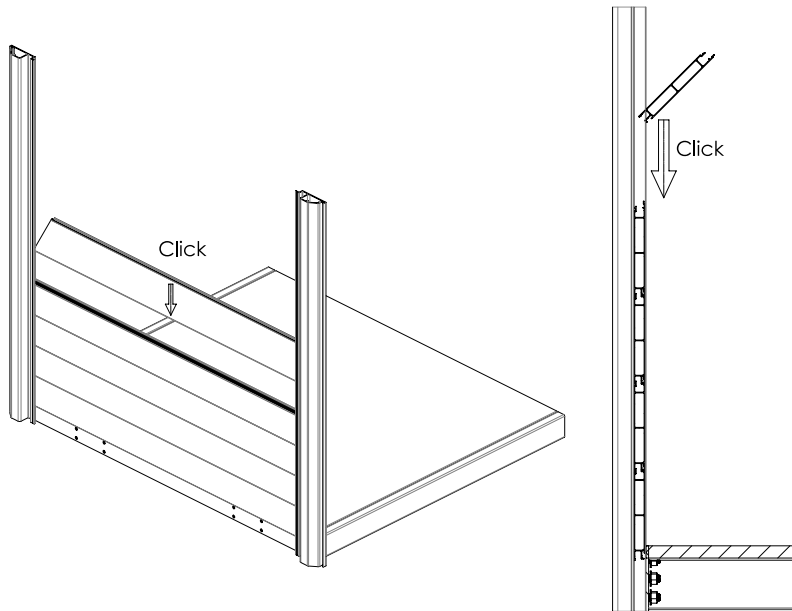
Install the left and right Netcap headboard corner post and fixate with supplied M16 bolts and nuts.



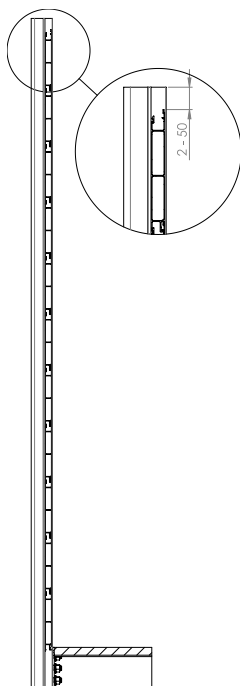
Install click planks

Place the snap-lock planks between both Netcap headboard corner posts.

The planks could be slightly smaller than the space between the posts. Middle the planks and make the gap left and right the same

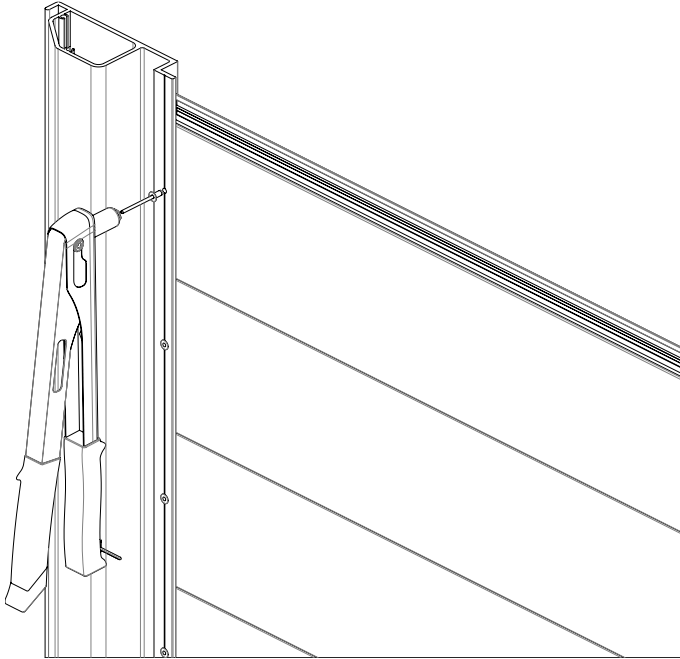


Adjust the height so the lowest plank is below the loading floor and the highest plank is 2 till 50 mm below the Netcap headboard corner post.



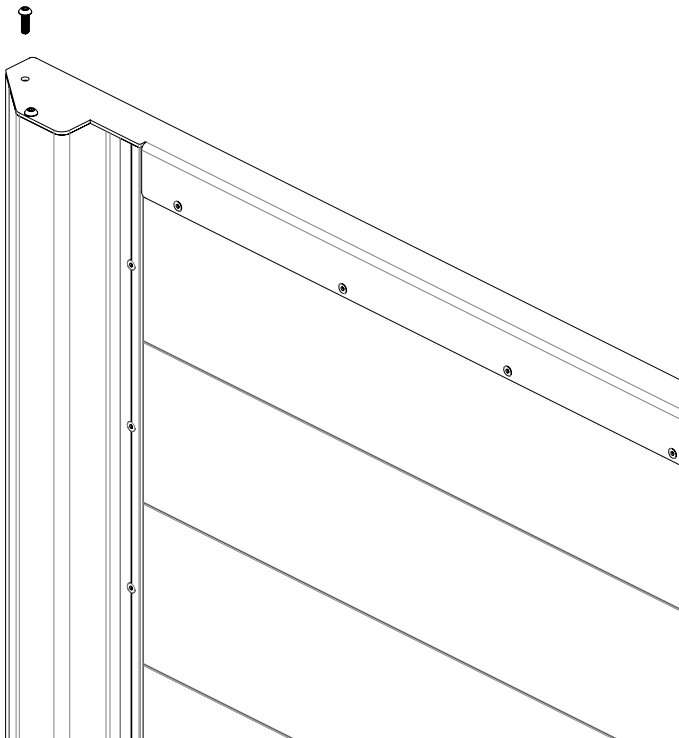
Rivet click planks

Rivet the snaplock planks to the Netcap headboard corner post.



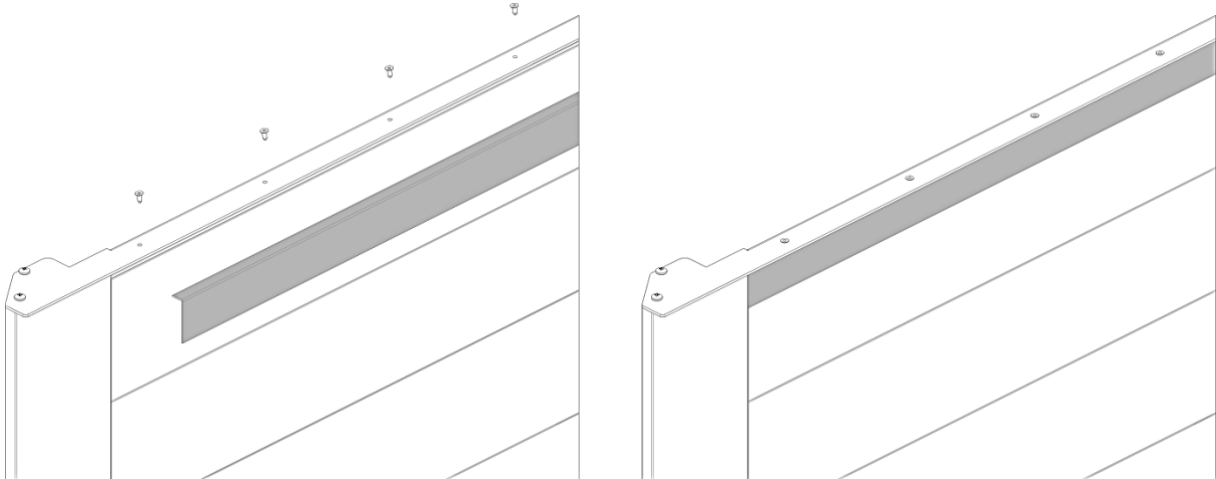
Install top cover

Install the top cover on the headboard. Use supplied M8 bolt on top and approx. 6 rivets on front. Note that when using a Netcap headboard on the rear, there will be **no** spoiler



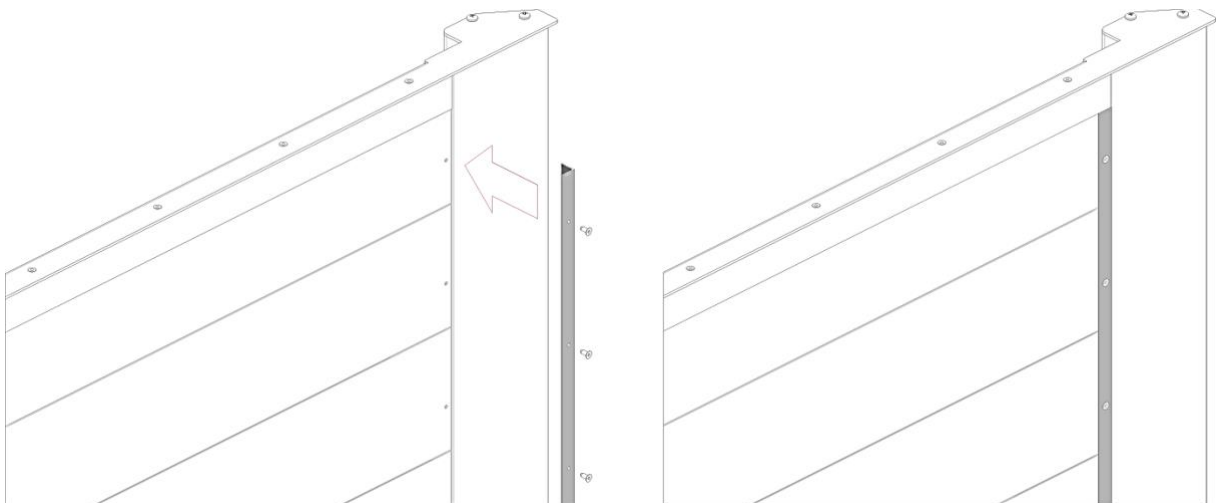
Install L profile for top cover

Position the supplied 70x20 L-profile between the top cover and the plank and rivet it



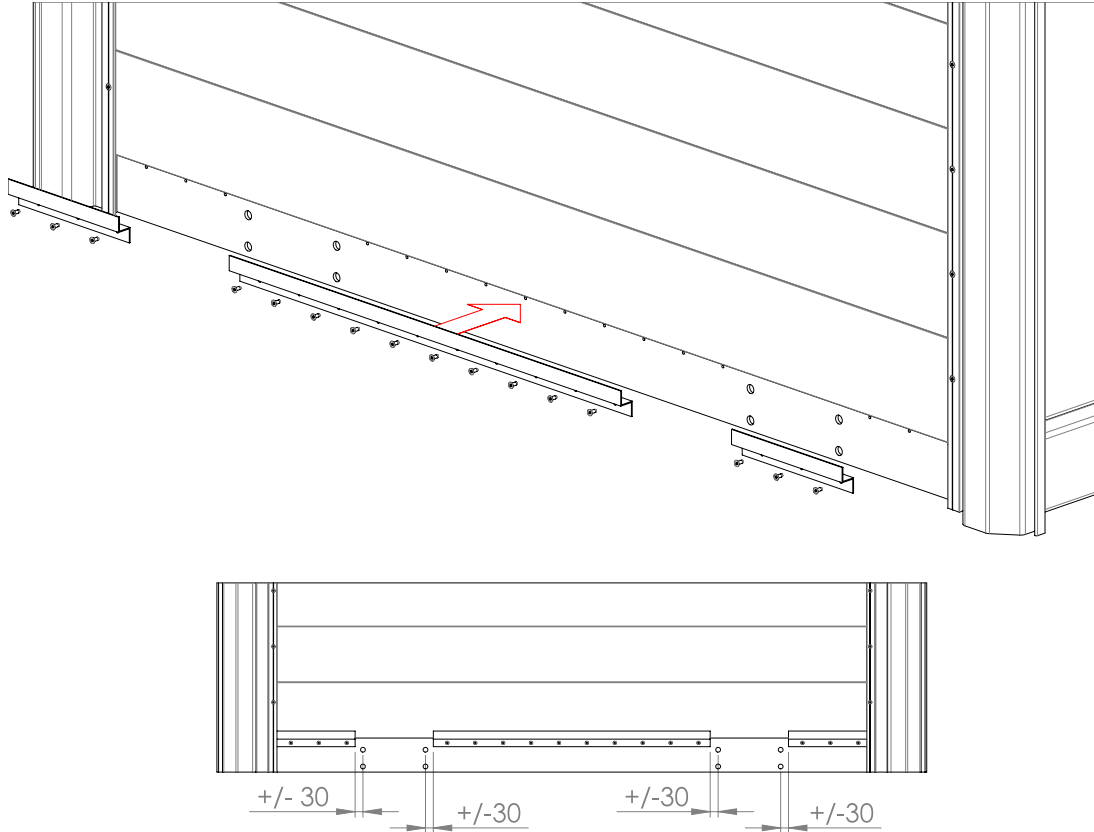
Install L profiles between headboard corners and plank-wall

When there is enough space, put L 25x25 profile between corner post and plank and rivet it



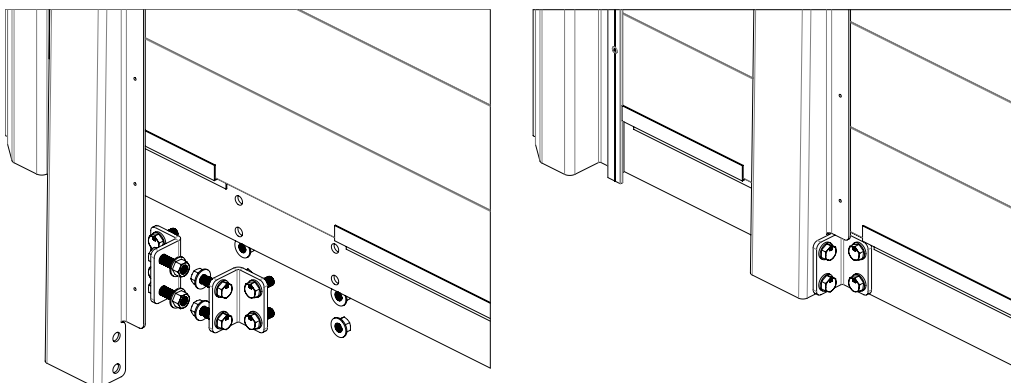
Install Z profile on the bottom

Depending on the starting height of the planks, use 1 length aluminium Z-profile (or cut in 3) and connect the plank with chassis front



Install headboard reinforcements on the chassis

Install the steel headboard reinforcement with the supplied steel L brackets and M16 bolts and nuts. In case no holes are prepared, check step 1.1 hole pattern



In case a rear-board will be used, only install after section 3 [trolley installation]
The rear-board installation is similar to the headboard

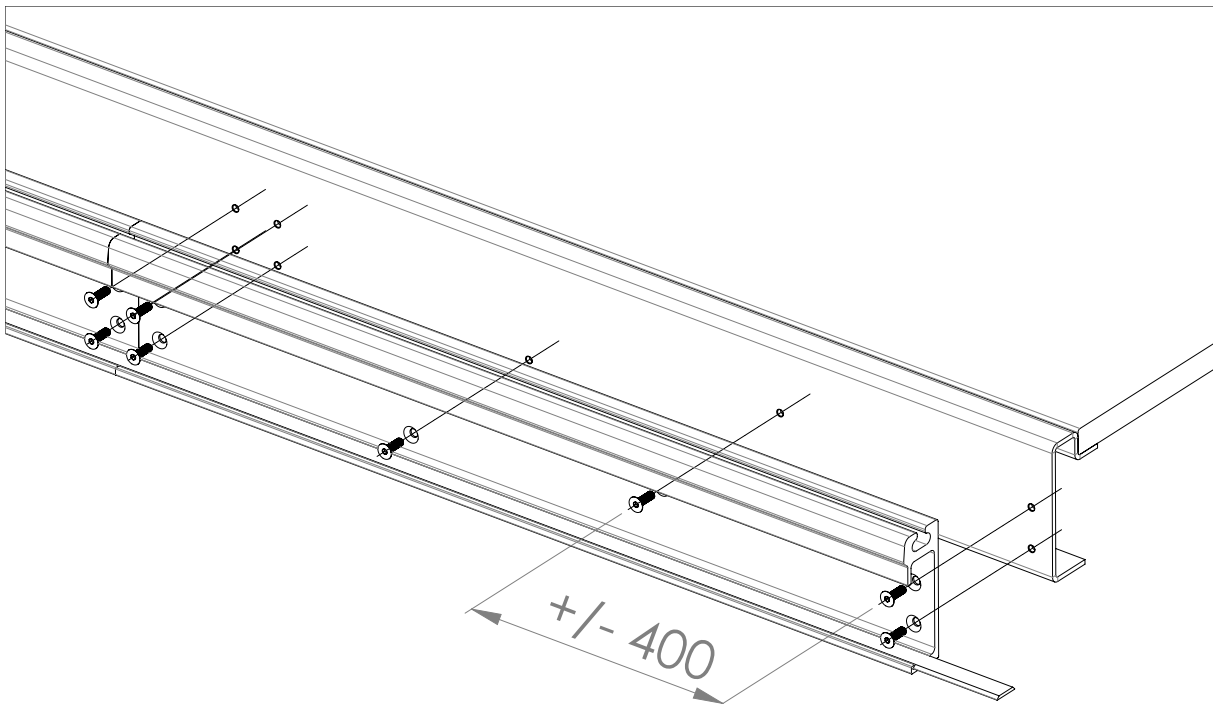
Rail installation

- ❖ *this manual describes the standard aluminium rails. Alternatively we supply (stainless) steel rails. Installation is almost the same, but is not described specifically.*

Clamp the rails against the side-rave and make sure the top is flush with the loading floor. Install the rails with supplied M8 bolts and nuts. Use a bolt approximately every 400mm, alternately high and low. Carefully connect 2 rails together for a smooth transition. Use 2 bolts above each other at the very end of the rail.



In case the overcentre-locking (P16) is used, no holes in the last 100mm!

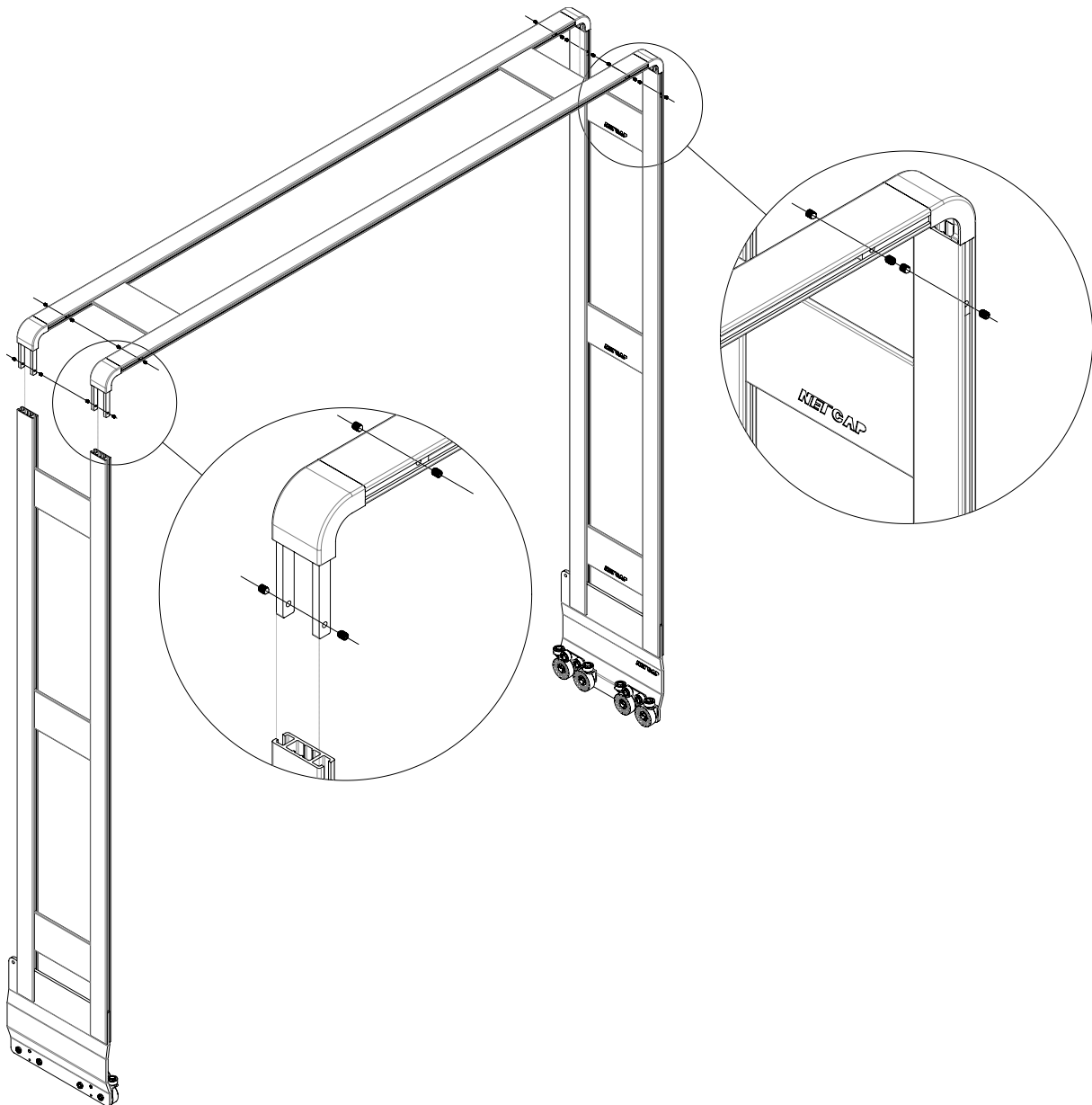


Slide in the green strip afterward and make sure a smooth transition is made. Secure the ends of the the green strip by using a small bolt or rivet.

Trolley installation

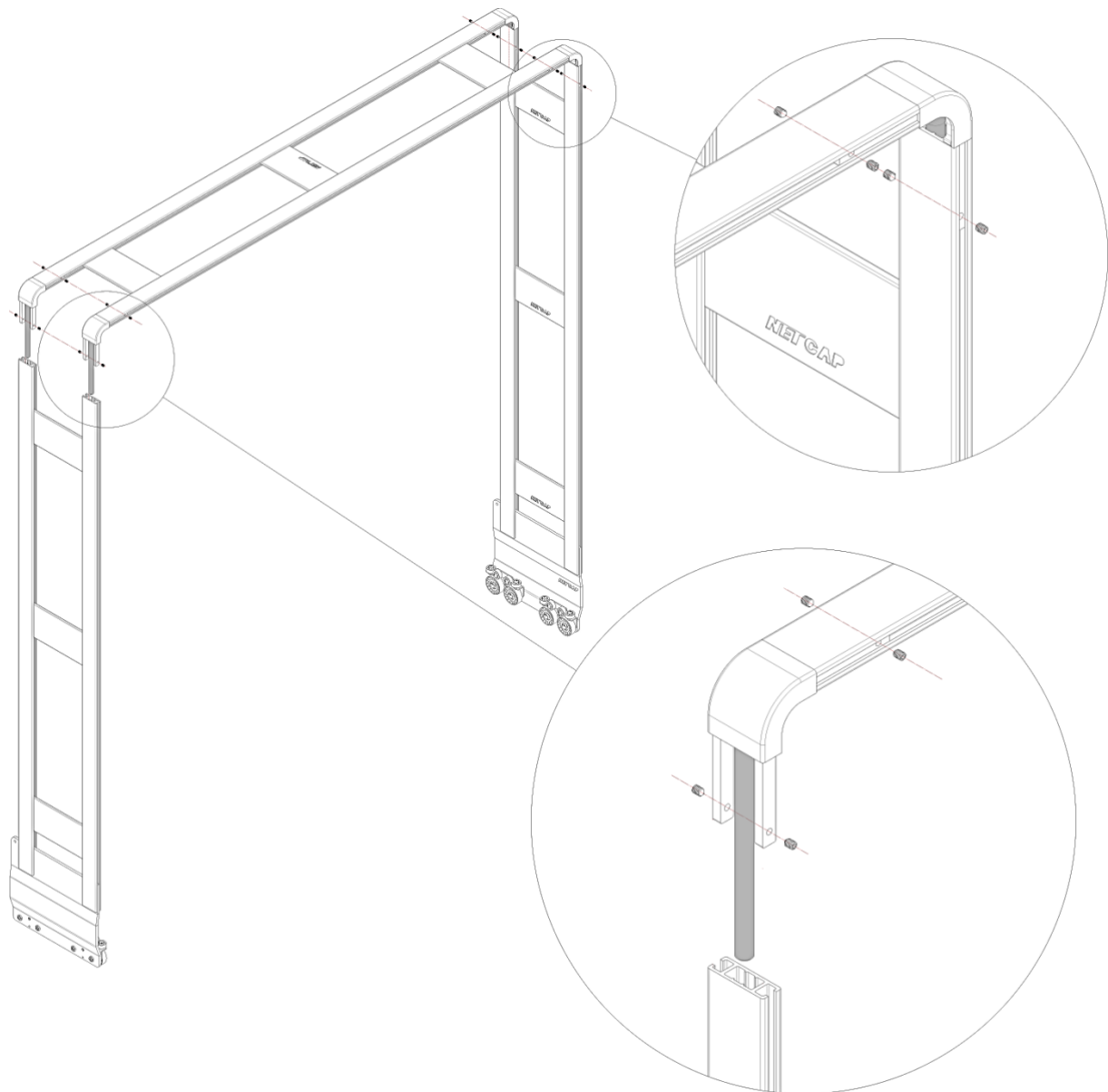
Standard double trolley

Place the left and right trolley on the floor and connect them with the steel corner-pieces, cover with the black plastic cover. The steel corners are secured with M8 x 12 cone pointed bolts.



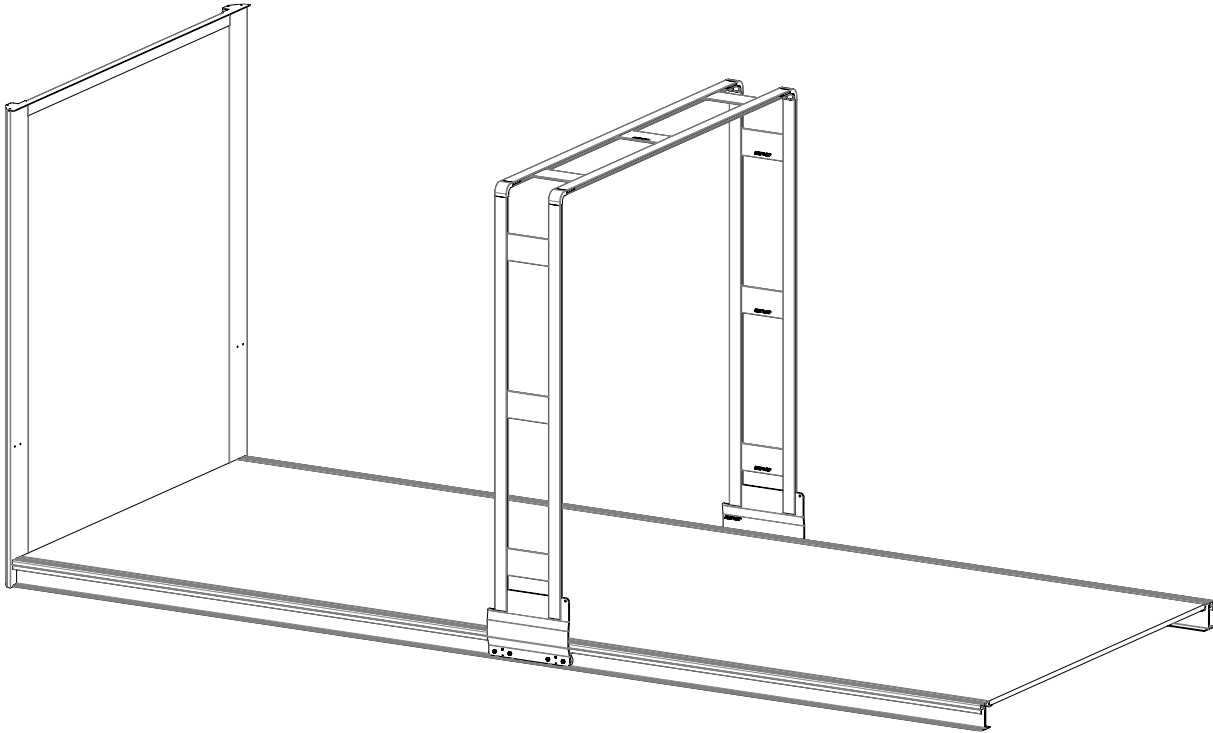
Extra high or wide double trolley

When the rear-trolley has extreme dimensions and isn't connected with a rear board or portal, steel reinforcements 400x400mm are supplied. These should be installed during the trolley installation and are in the heart of the corner.



Trolleys in rail

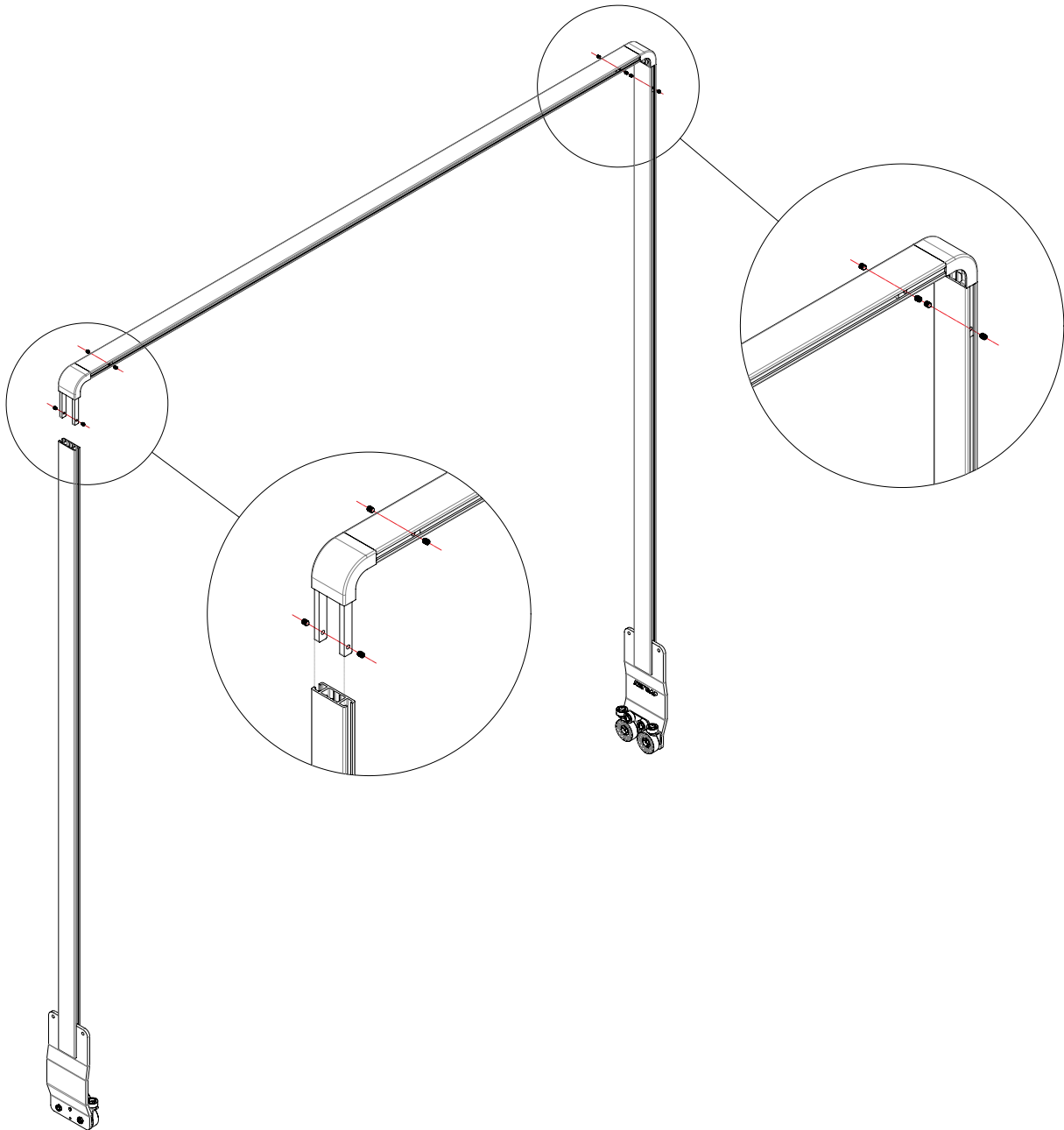
Slide the trolleys in the rail. Do this with 2 persons by hand, by crane or forklift.



Position each trolley approximately at the correct position in the rail and block it by putting a long M8 bolt in the trolley that pushes against the rail.

Single trolley installation

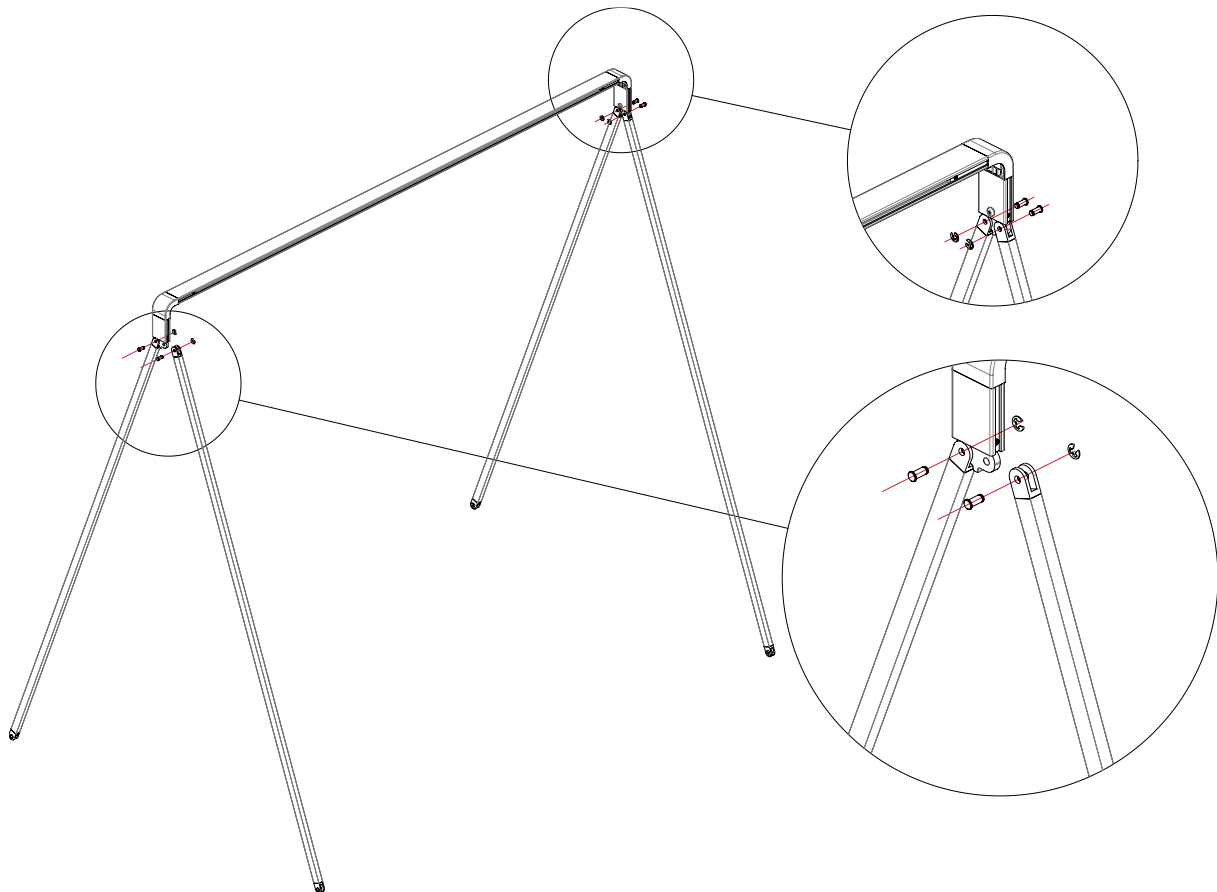
Installation is the same as double trolleys.



Scissors and lifting bows

Install 4 scissors on a roof profile

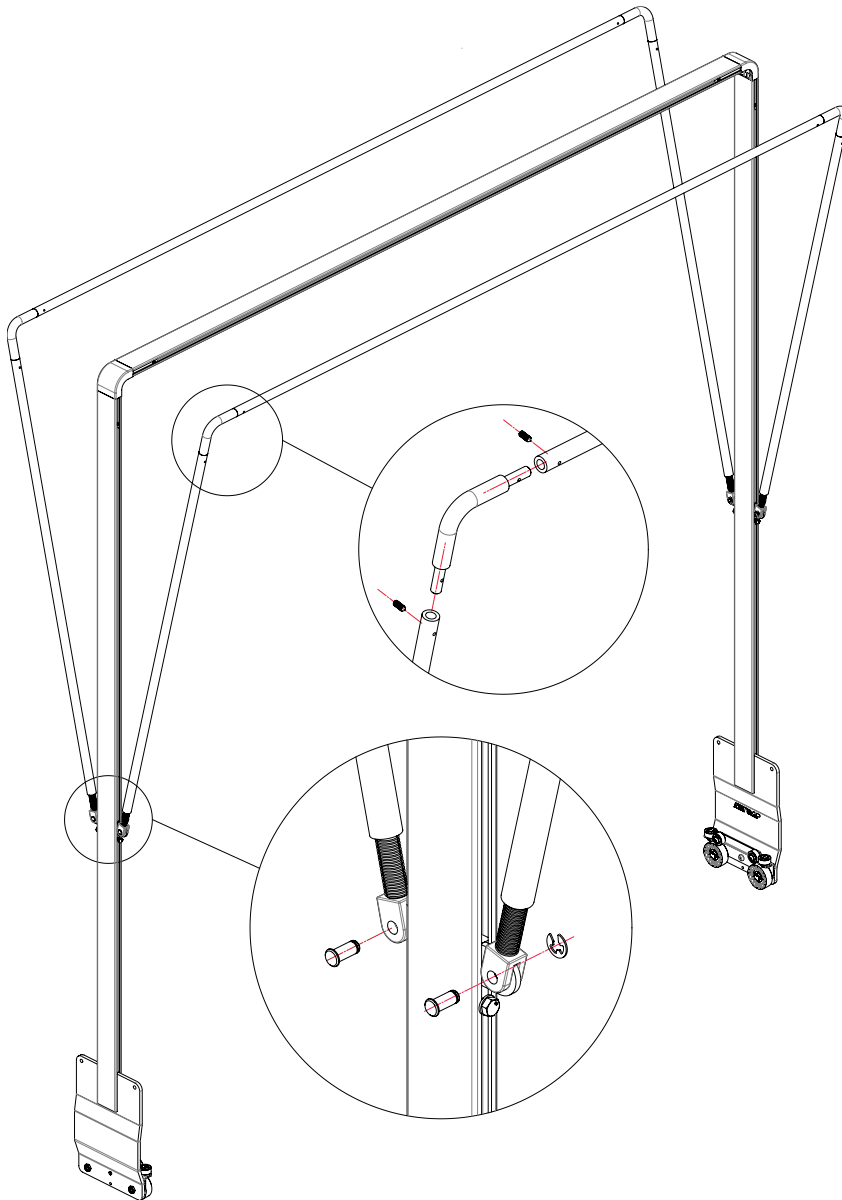
Each roof profile should be connected with 2 scissor connectors by using steel corner pieces and plastic covers, as used for the trolleys. On each scissor connector should be installed 2 scissors with stainless bolts with groove and retainer.



Lifting bow installation

❖ *Skip this section when lifting bows are not ordered*

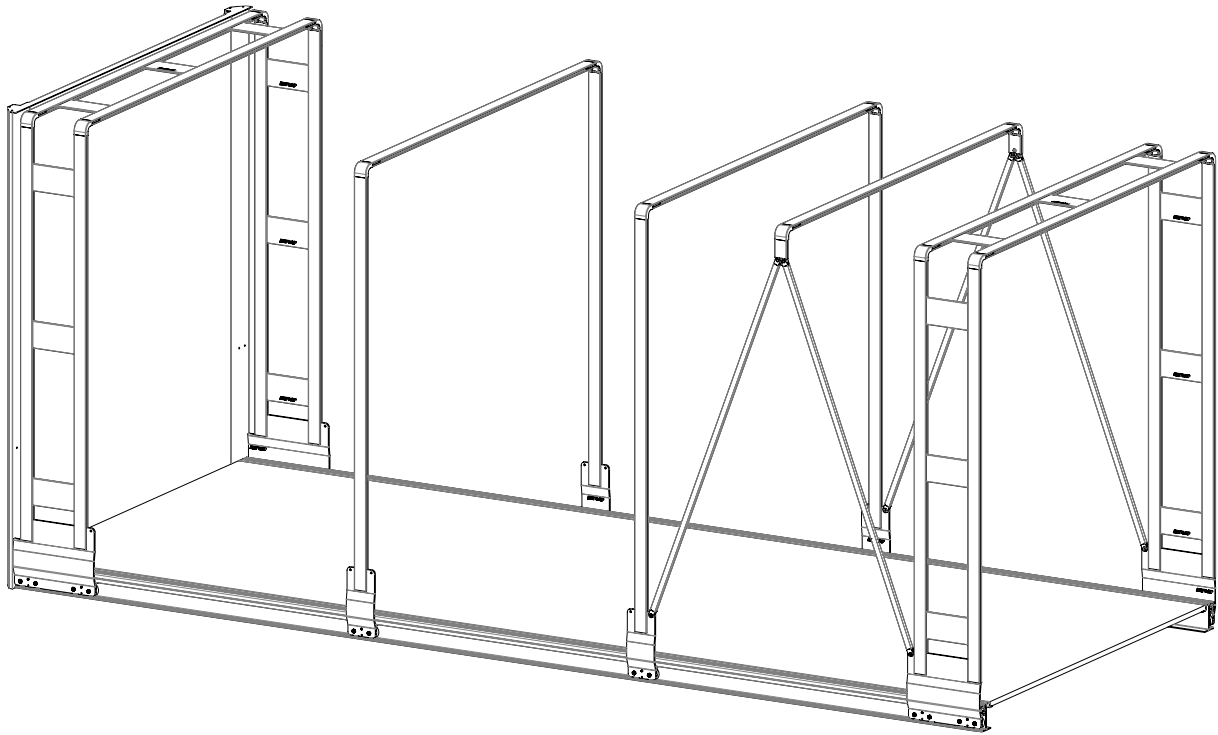
Connect two sides lifting bow $\varnothing 25$ sides with a lifting bow $\varnothing 25$, roof part by putting the corner pieces in and lock them with M8 x 20 cone pointed bolts.



Connect each assembled lifting bow on the pre-installed brackets with a stainless bolt with groove and retainer.

Scissor system in between trolleys

Install the scissor systems between each trolley with stainless bolt with groove and retainer.



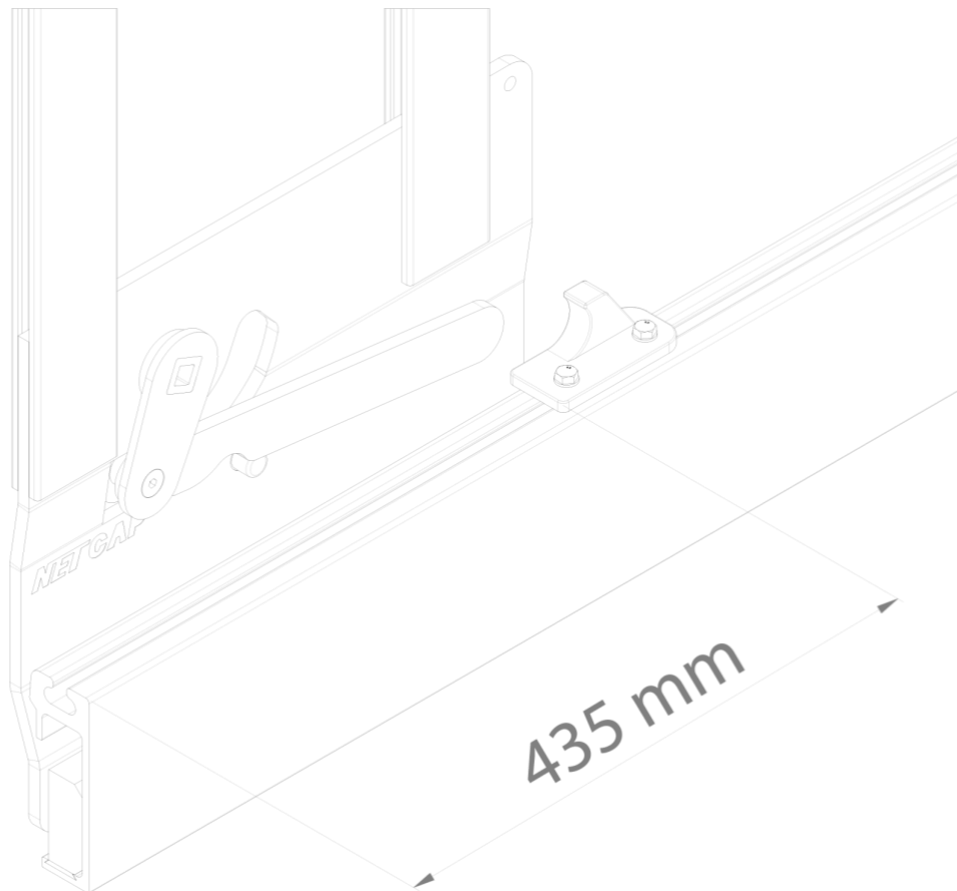
Rail end

Trolley blockers

Slide in the supplied trolley blockers now. Exact positions can be determined when system is finished.

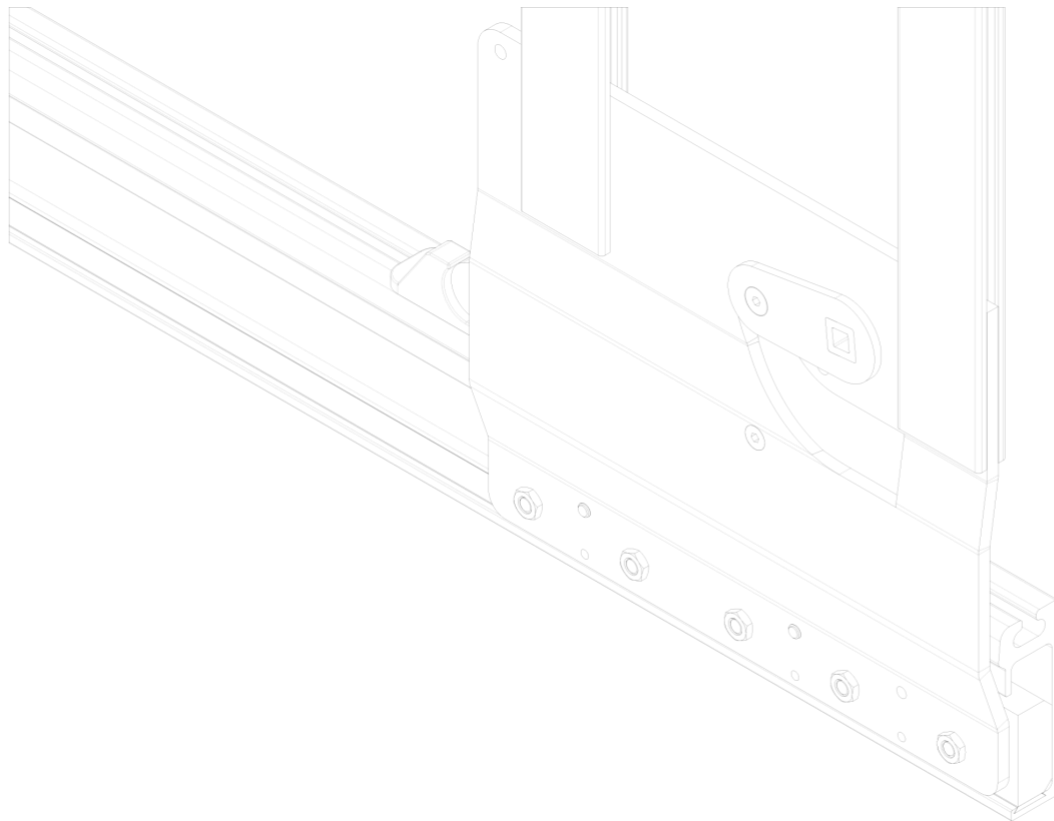
Overcentre rail blockings

When the rear trolley has overcentre lockings, now install the rail-blockings by sliding them into the top of the rail.



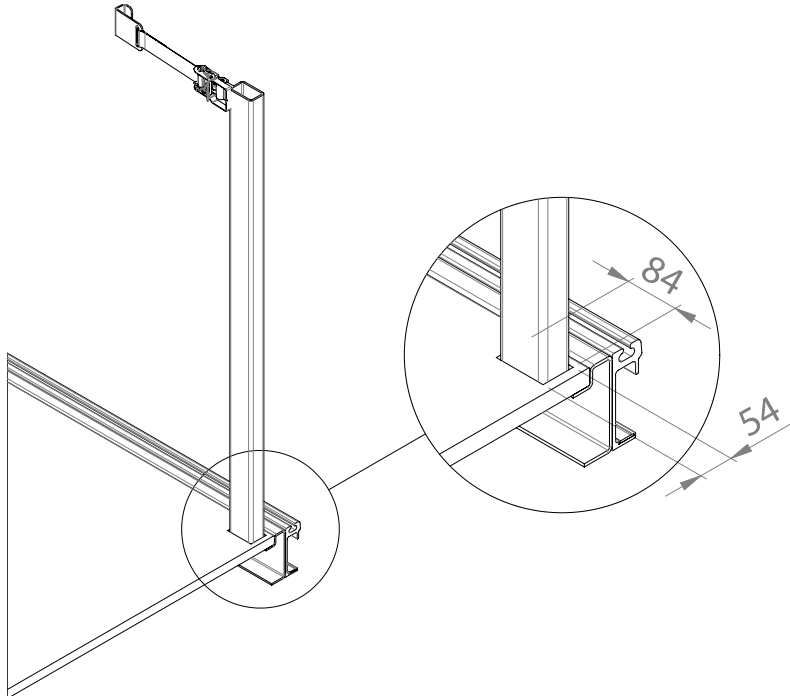
Anti-tilt blocks

Now install the supplied anti-tilt blocks in the rail. The position is important: Flush with rail-end and pressed down on top of the green strip.



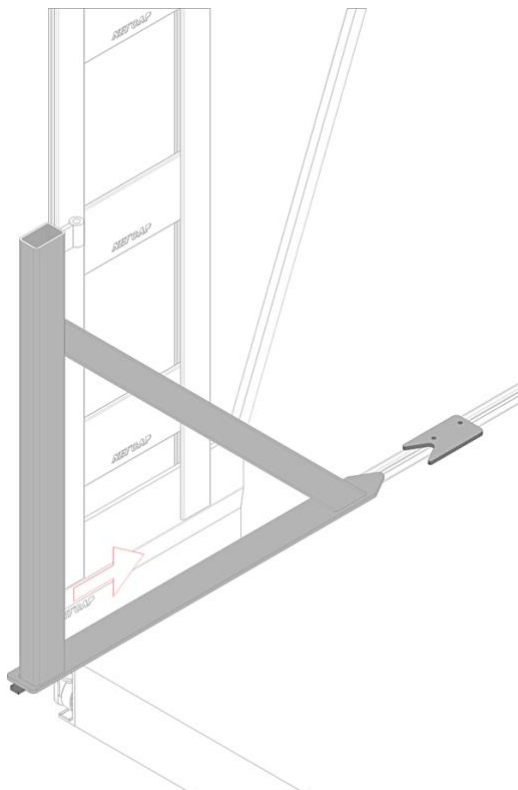
Poles

In case 81x51mm poles will be used to tension the rear, make sure the pockets are made and place the poles in.



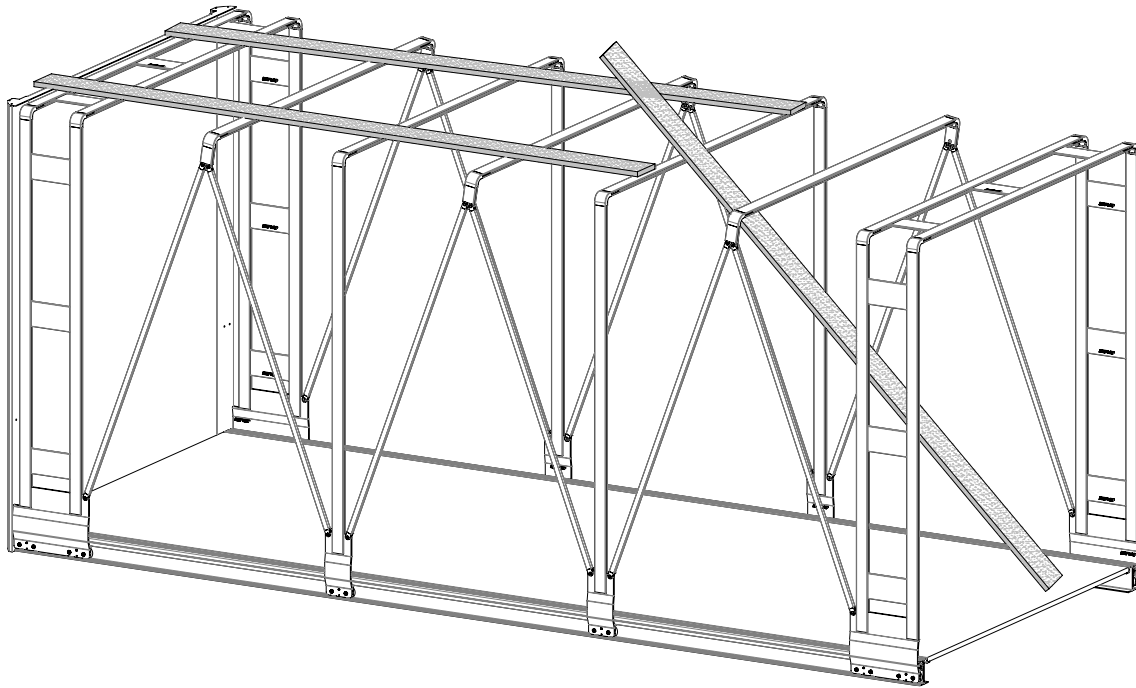
Triangles

In case triangle locking is used slide them into the rail after installing their blocking plates.

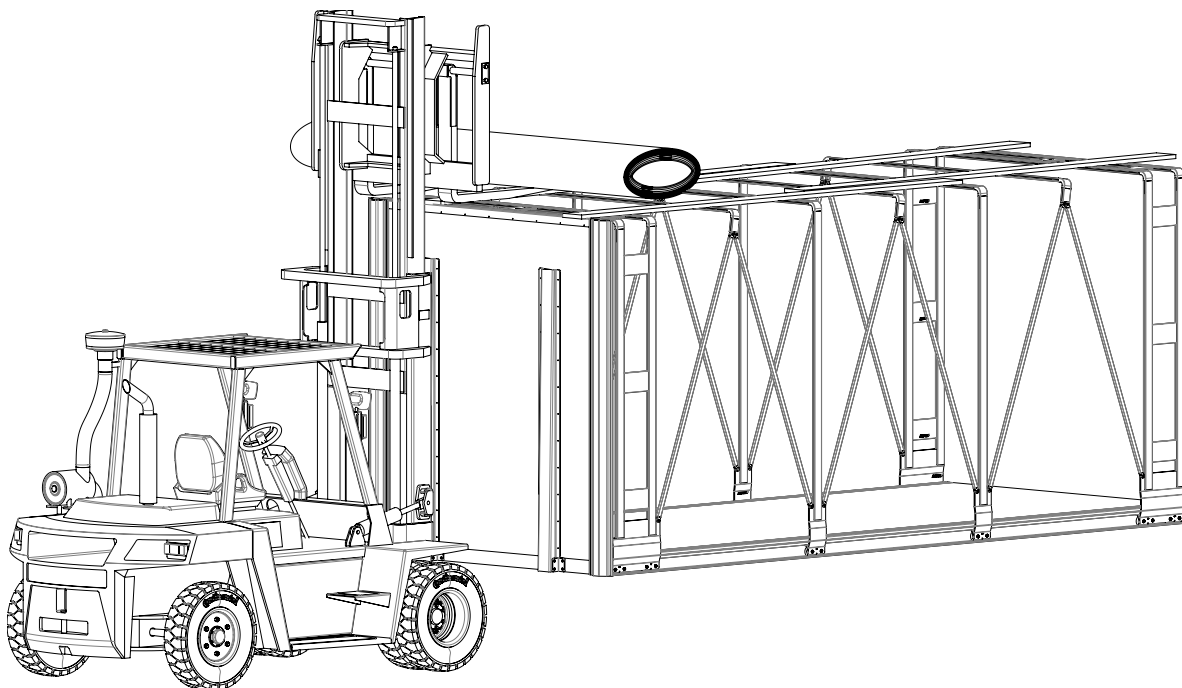


Tarpaulin installation

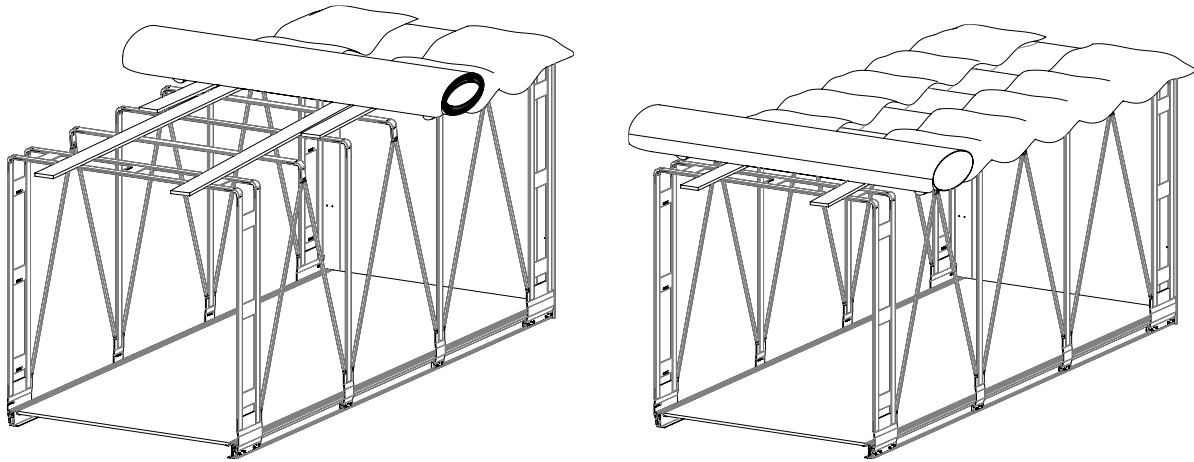
(Wooden) planks on system



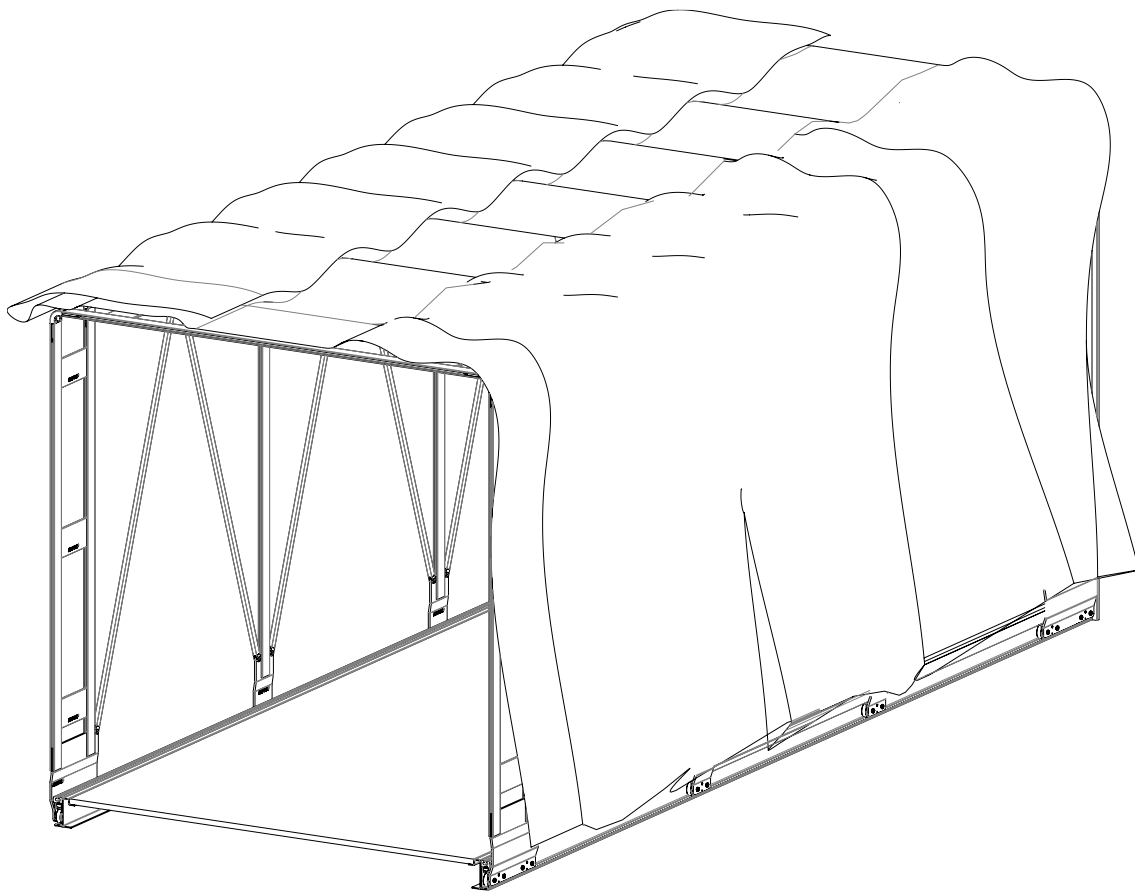
Place tarp on system front with fork lift



Roll tarp towards rear

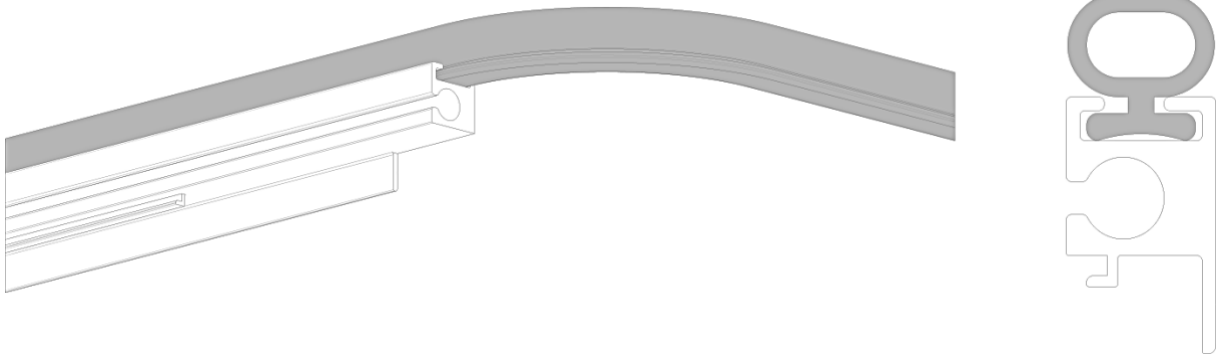


Fold down both tarp sides

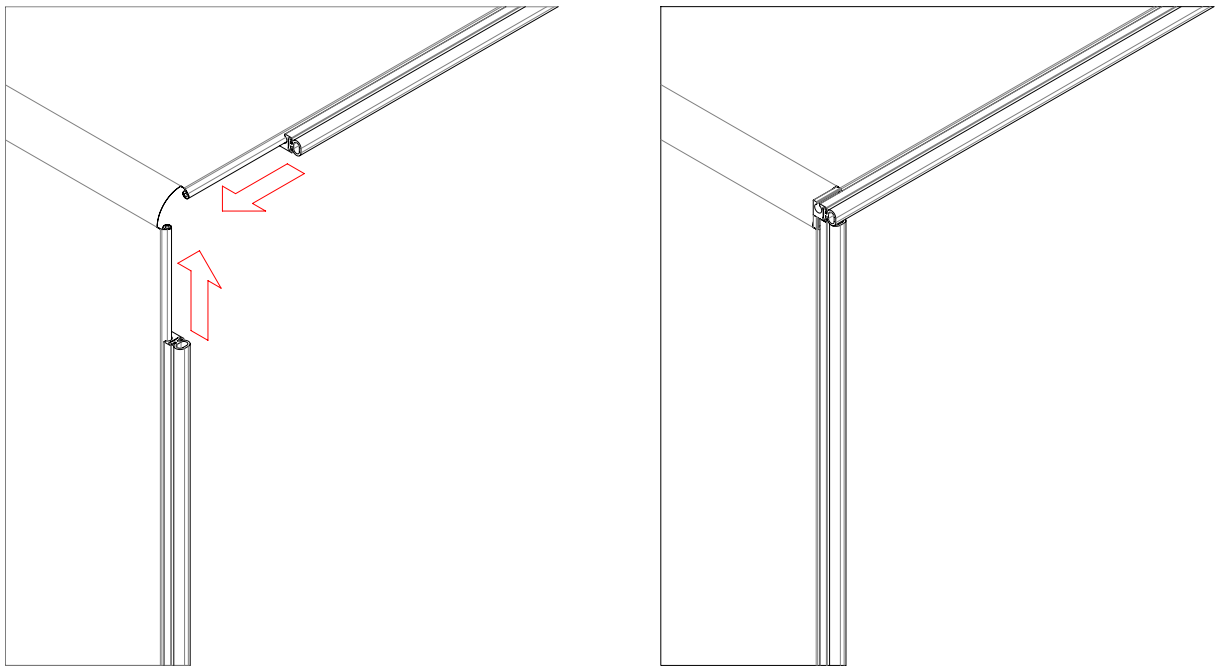


when installing a trailer, avoid the trailer front to hang down, by placing the trailer on a pallet stack and lift the landing gear from the ground.

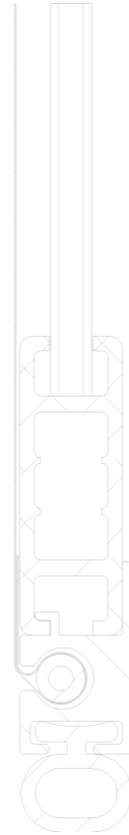
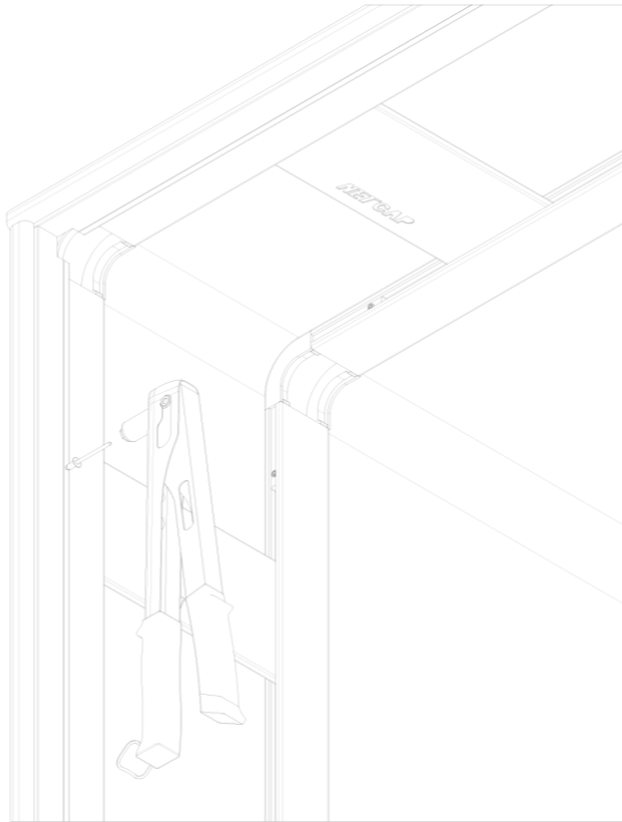
Pull rubber in rubber/keder profile:



Rubber/Keder-profile over keder in tarp [side and top]

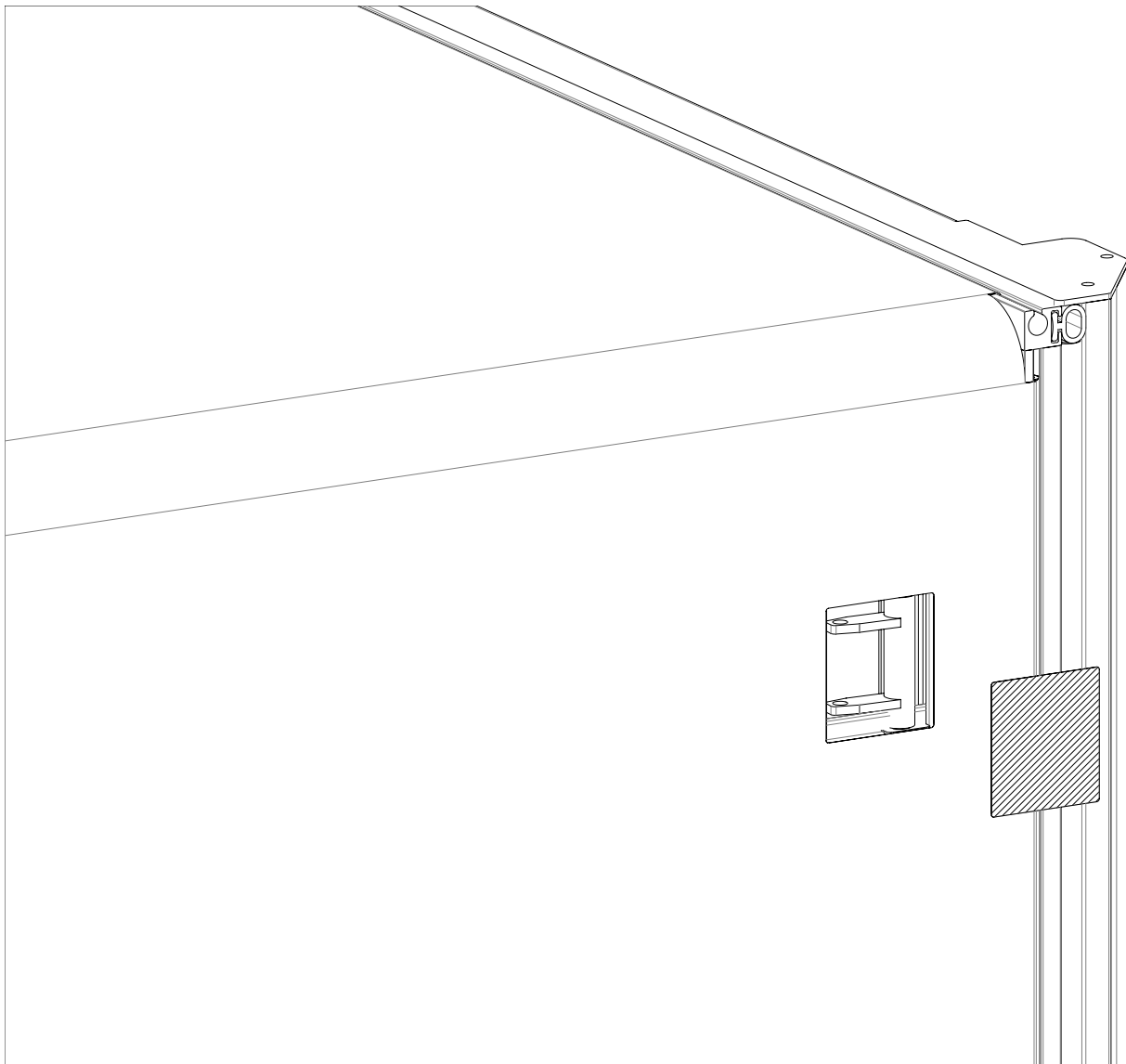


Click in Rubber/Keder-profile and rivet



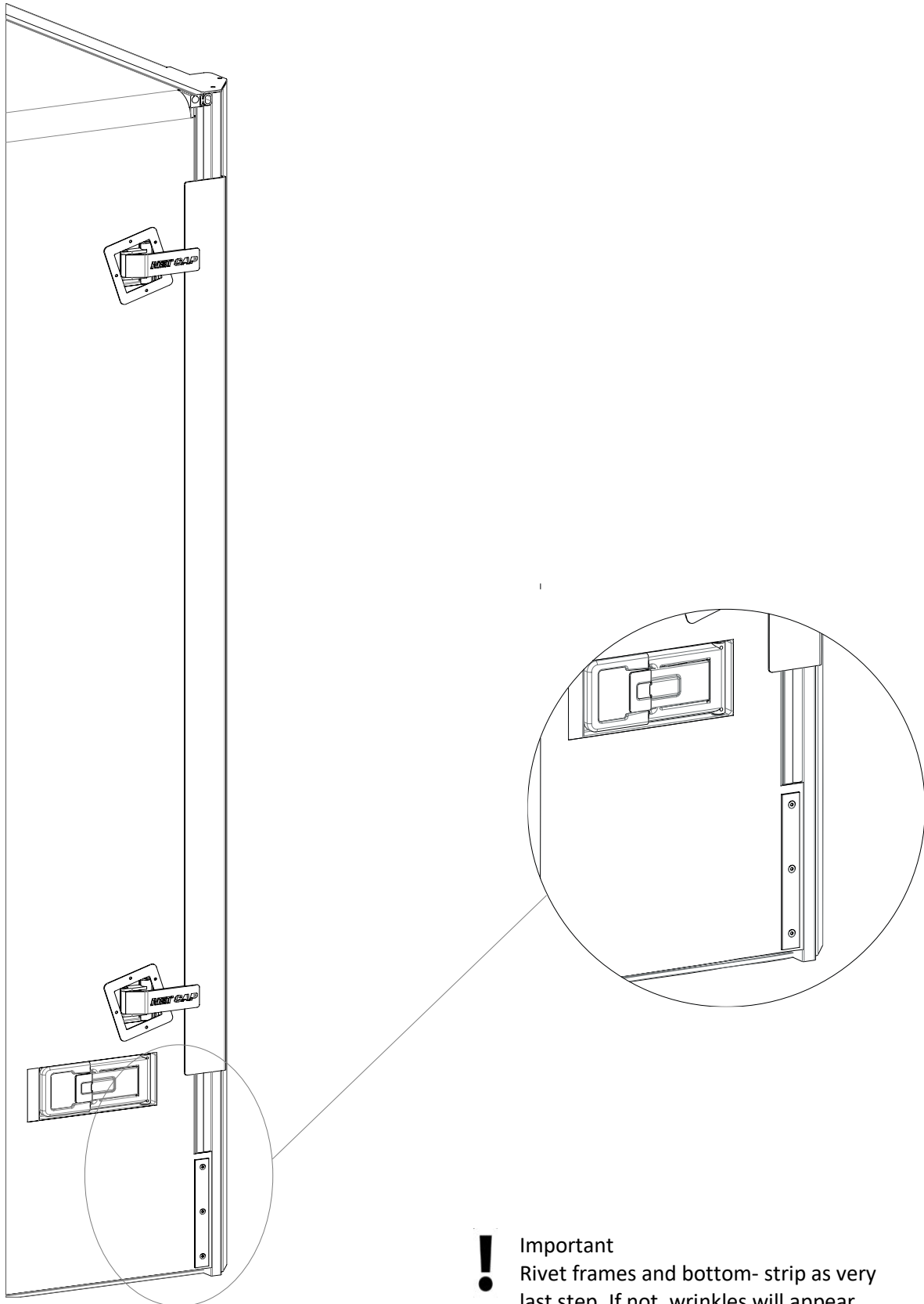
Cut holes in tarp for quick locks

- ❖ *When tensioners on headboard, skip this and go to section: Install tarp when using tarp tensioners (page 30)*
- ❖ *When no front trolley is used, skip this and go to section: When no front trolley is used (page 35)*
- ❖ Pull tarp as flat as possible
- ❖ Make cut outs in tarp as small as possible!



Install quicklock plates

Install Quicklock plate on hinges



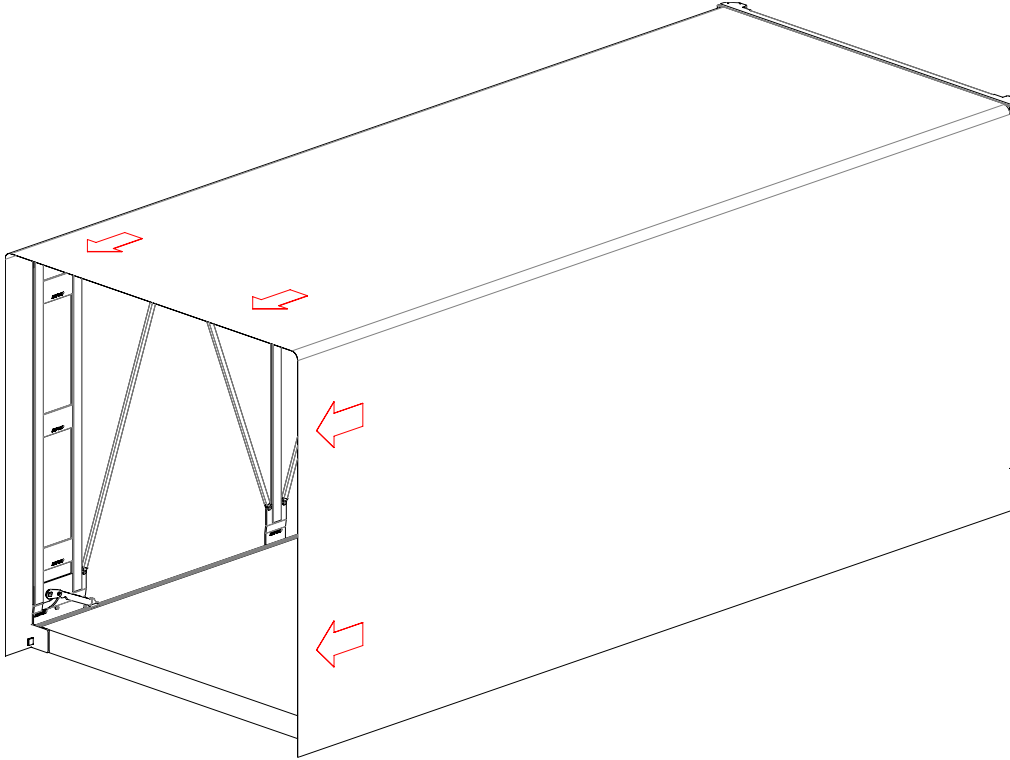
Important
Rivet frames and bottom- strip as very last step. If not, wrinkles will appear



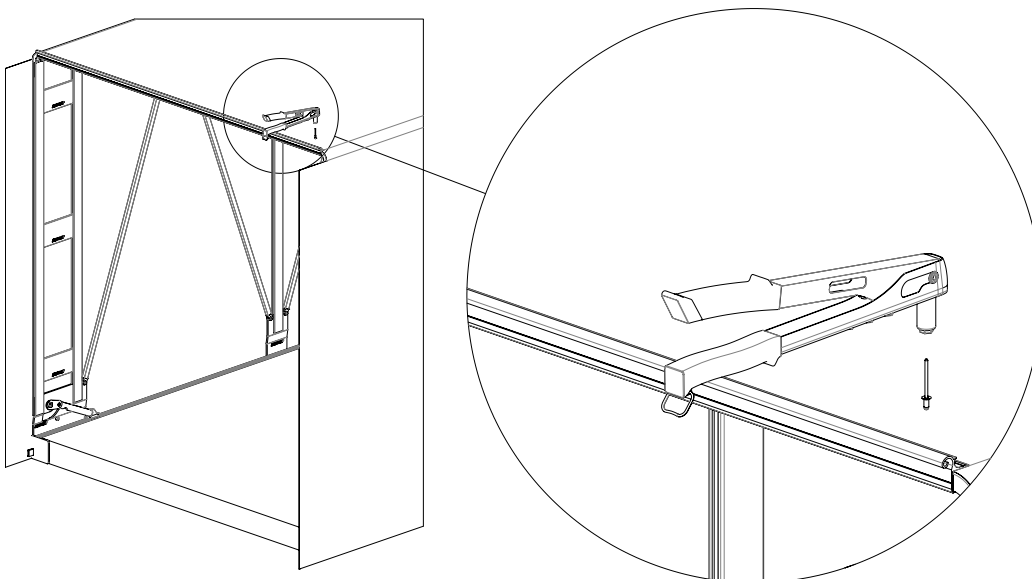
When installing a system on a semi-trailer place a stack of pallets just before the kingpin and retract the landing gear slightly to avoid leaning down of the trailer front.

Pull tarp tight at rear

It is important to pull very hard. Use hand screw clamps if needed.

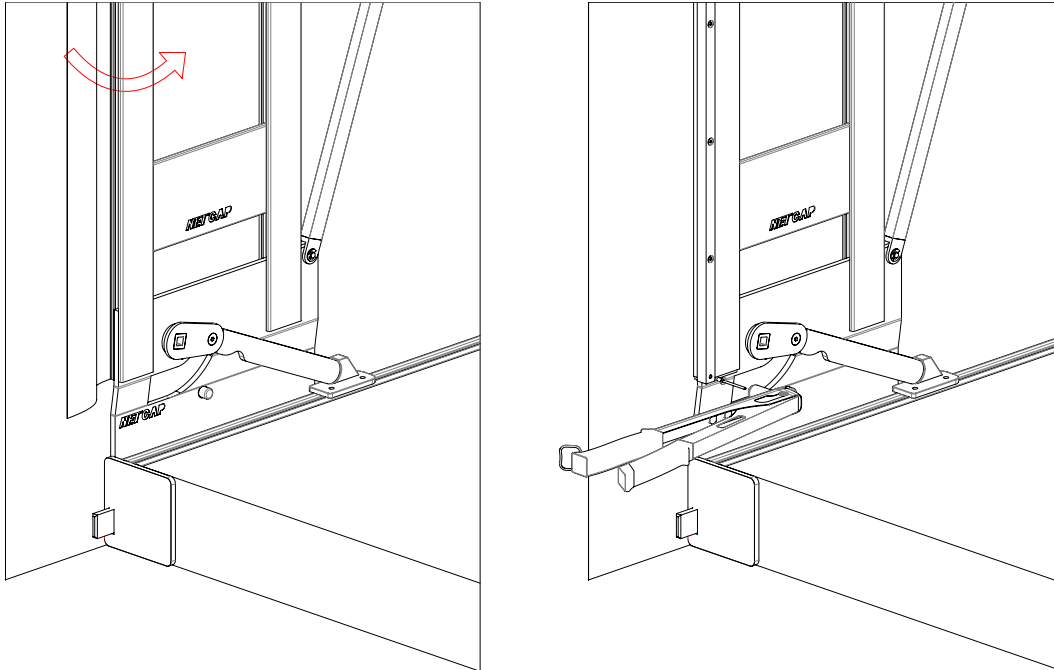


Put roll-up tarp contra profile on roof and rivet

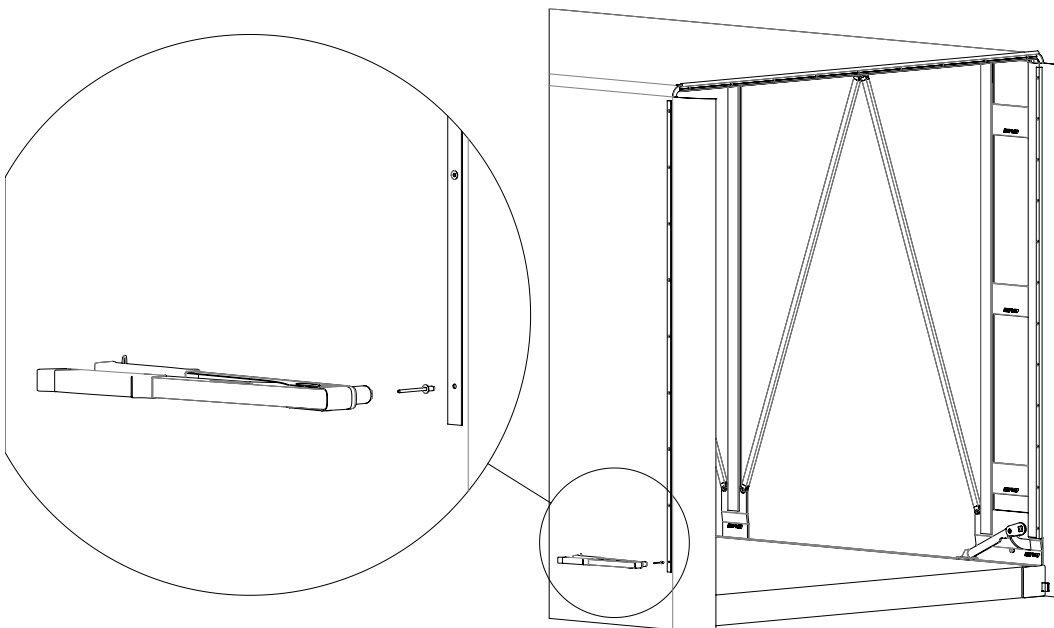


Put L 25x25x2 profile over double layer in tarp sides and rivet

Important: before starting riveting first fixate the tarp with clamps and tension the lockings. Only start riveting when you are sure the tarp is tight and wrinkle free. Also pull down firmly!

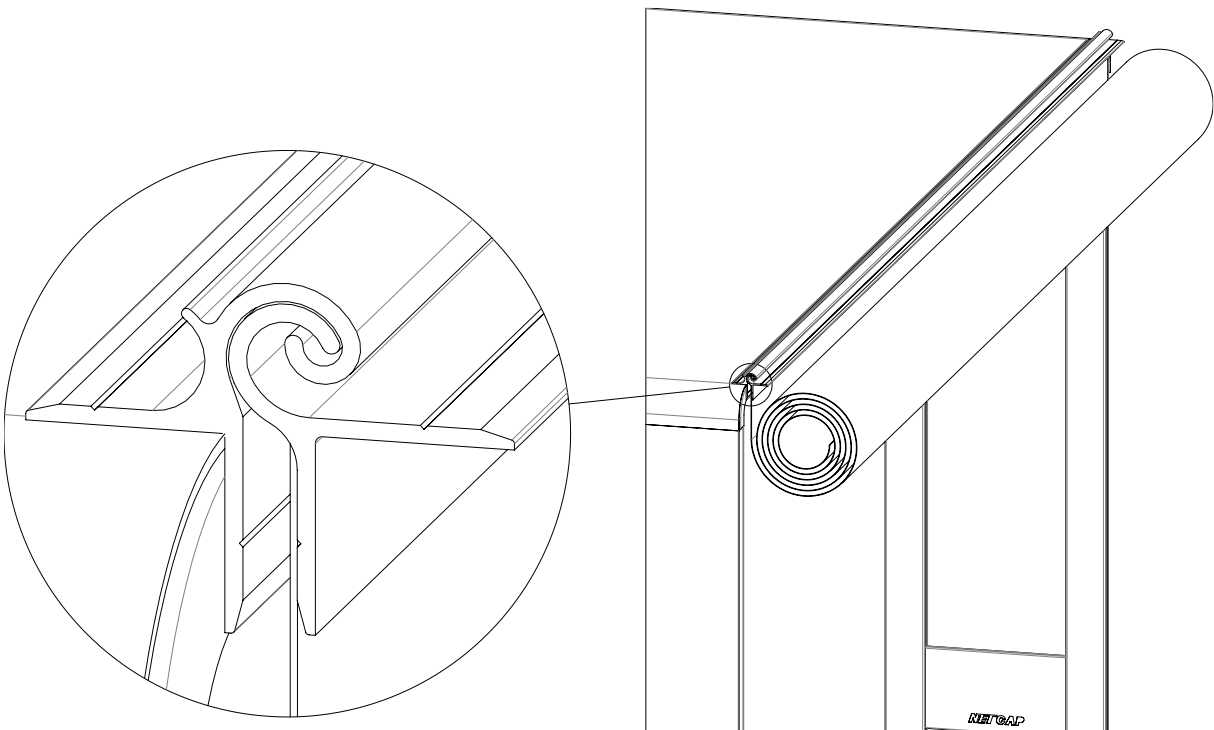
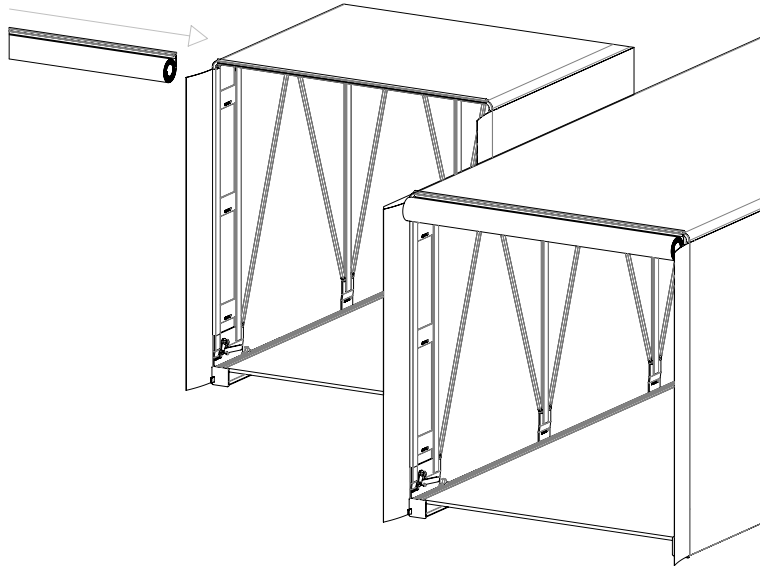


Alternative: put flat 25x2 strip on outside of tarp roof and sides and rivet
Advised when doors are used (page 28)



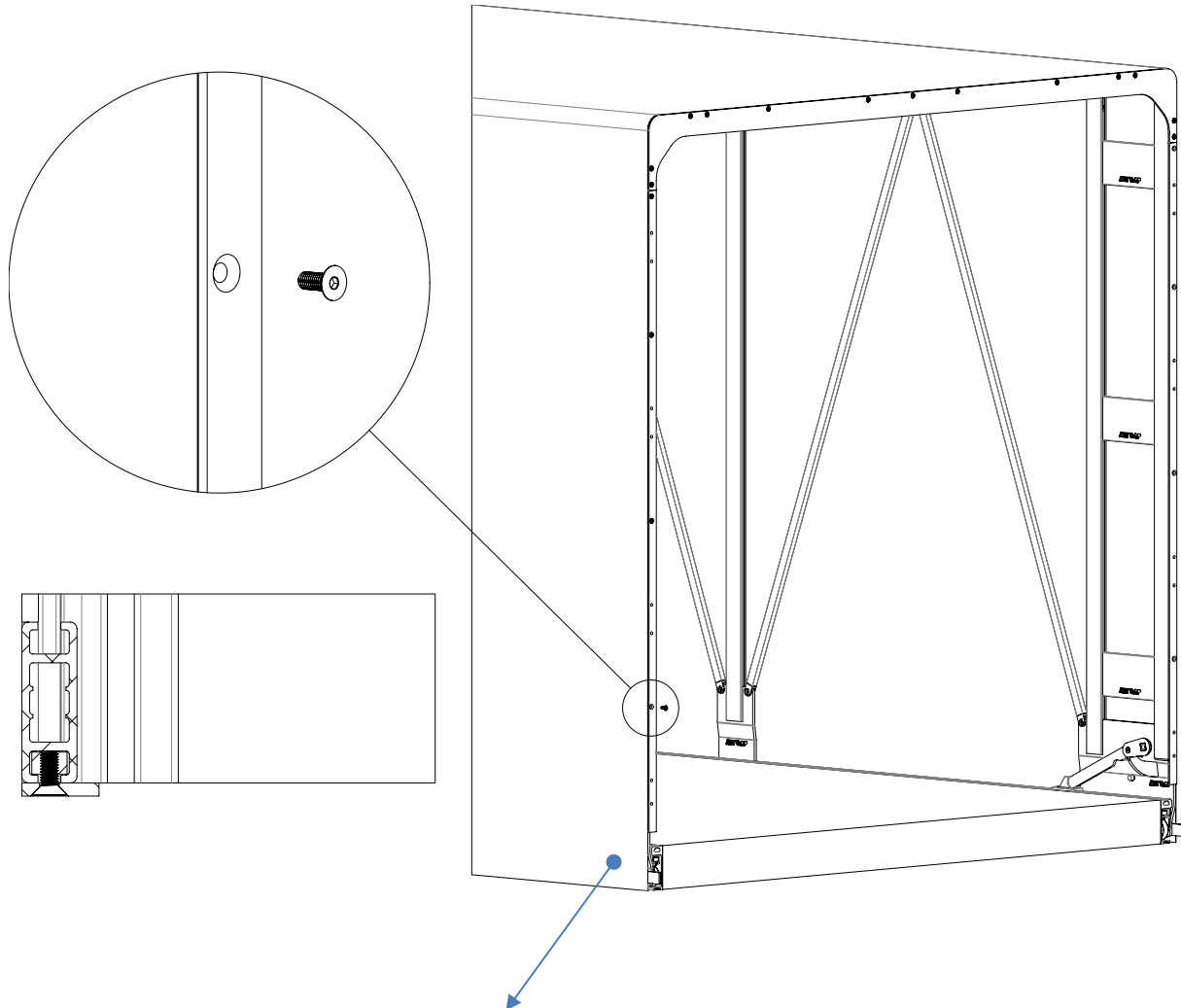
Bring roll-up tarp in contra profile

Slide-in all the way to the other side



Door installation

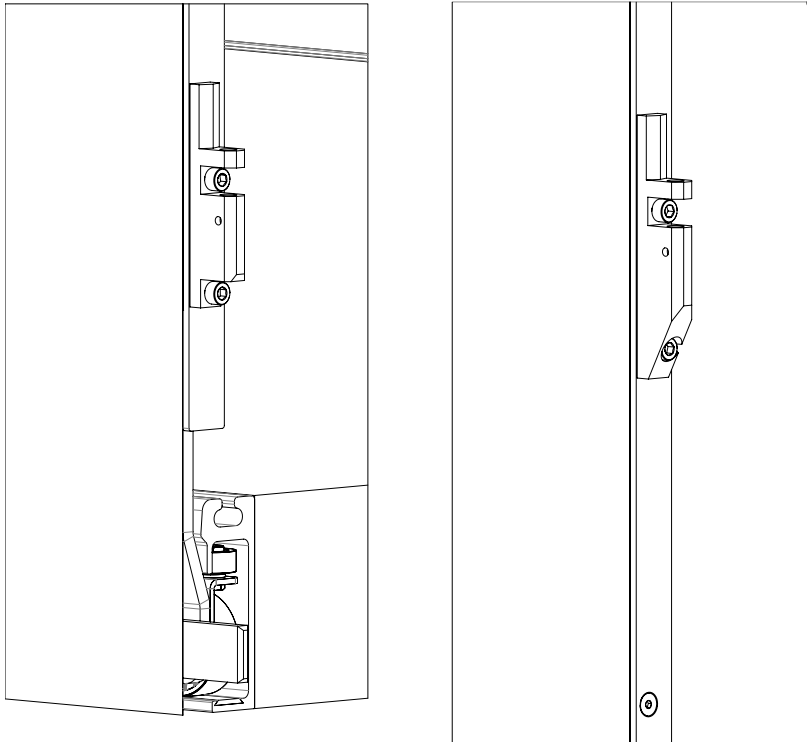
install steel profiles for door-installation



Do not cut away tarp. You can cover an opening with that later

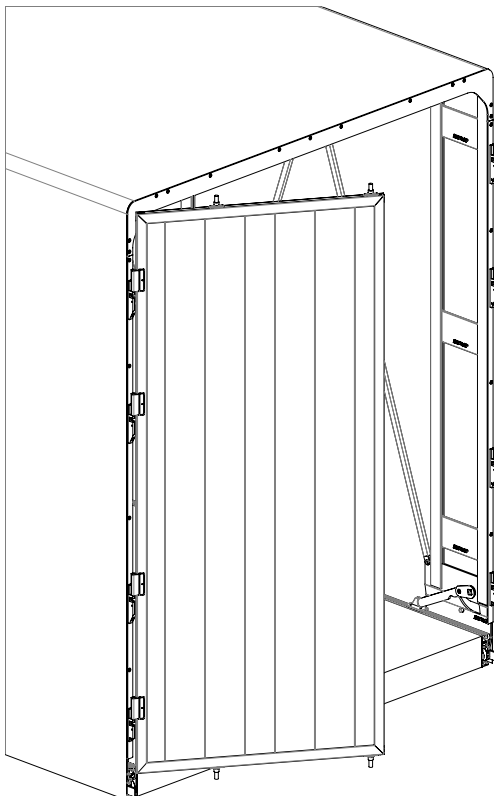
Mount hinge bracket on trolley back

Note that lowest bracket differs. Also note that left and right sided brackets differ.



Hang doors in

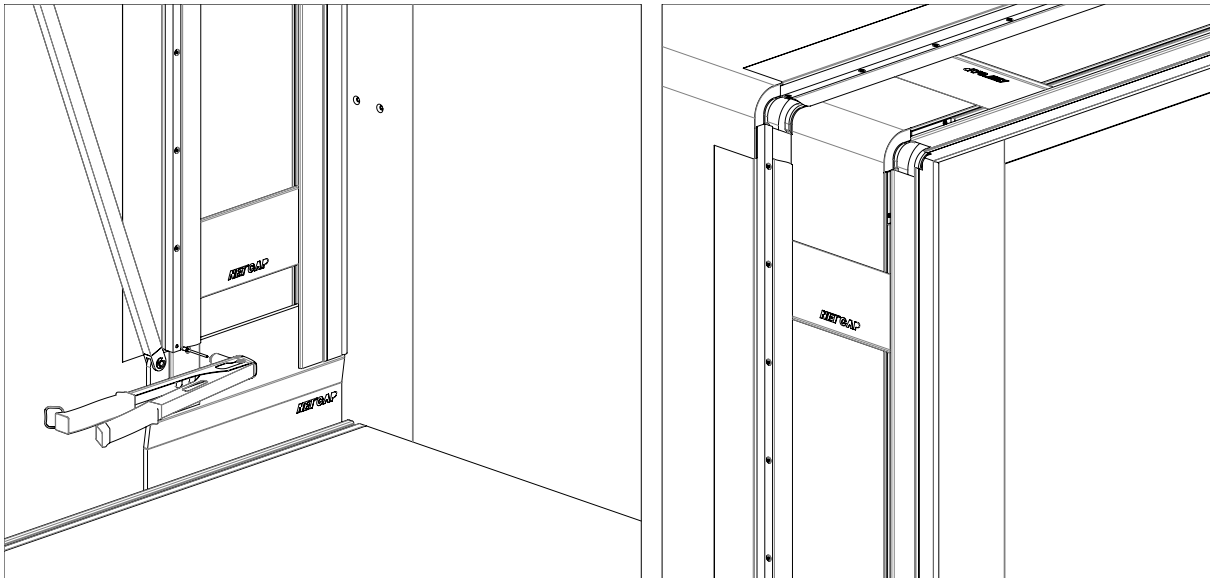
Use forklift or crane and hang doors in.



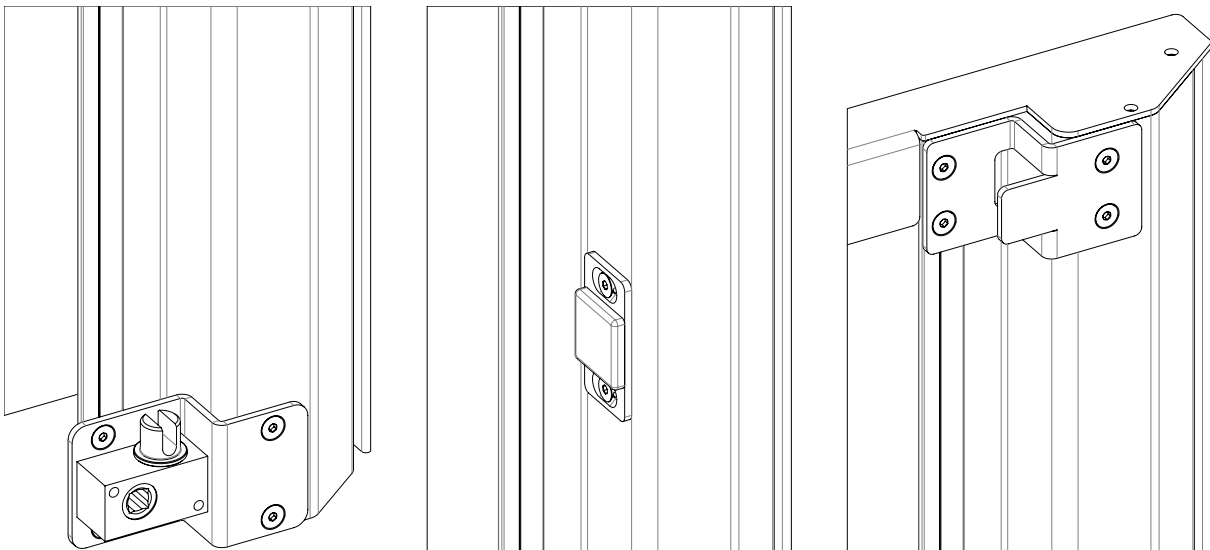
When no Quicklocks in front:

Install tarp when using tarp tensioners

Pull the inside flap firmly around the second upright and place a 25x25x25 L profile over it. Rivet it. Both on left, right and roof.

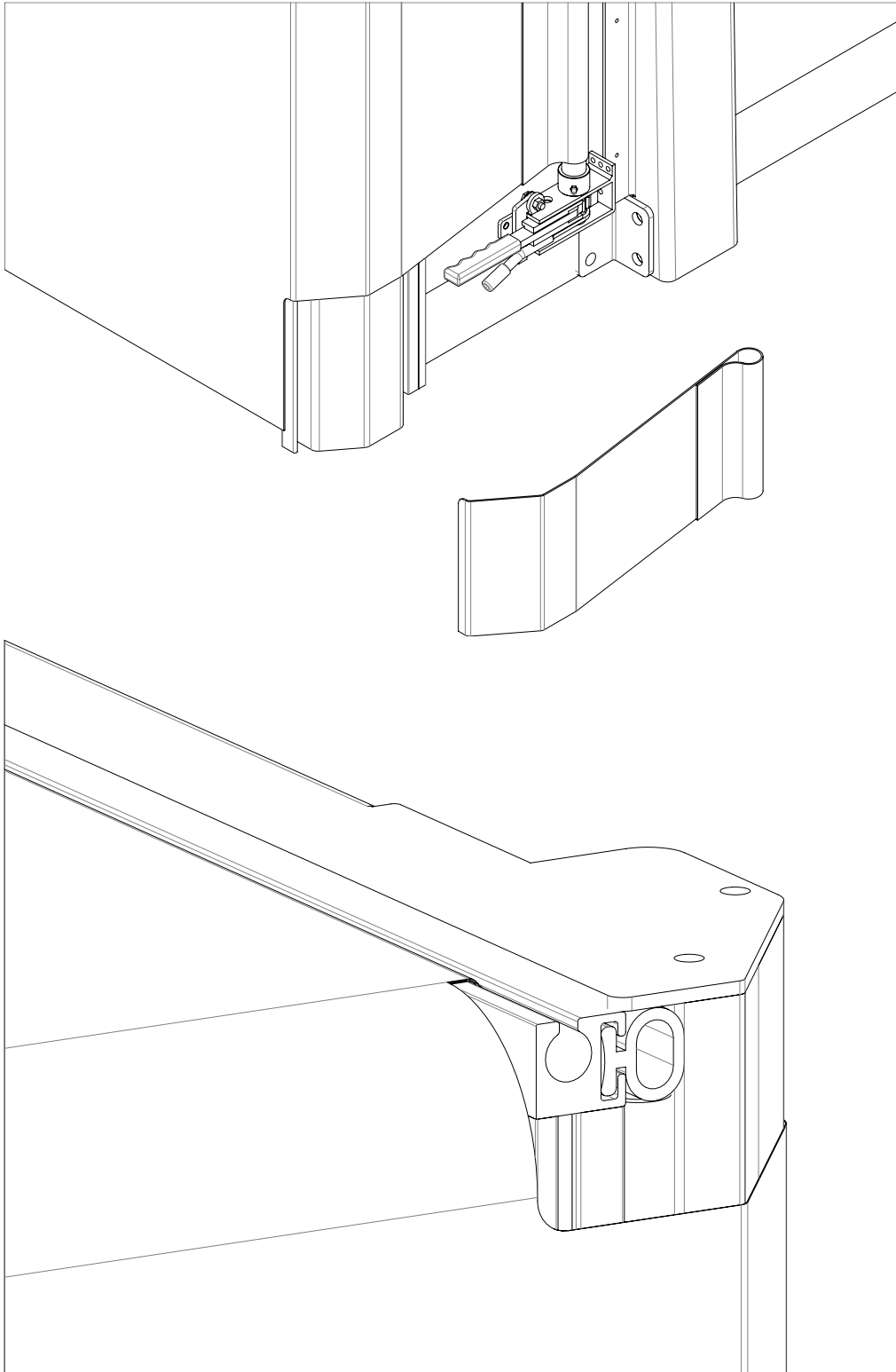


Install tensioners on front of headboard

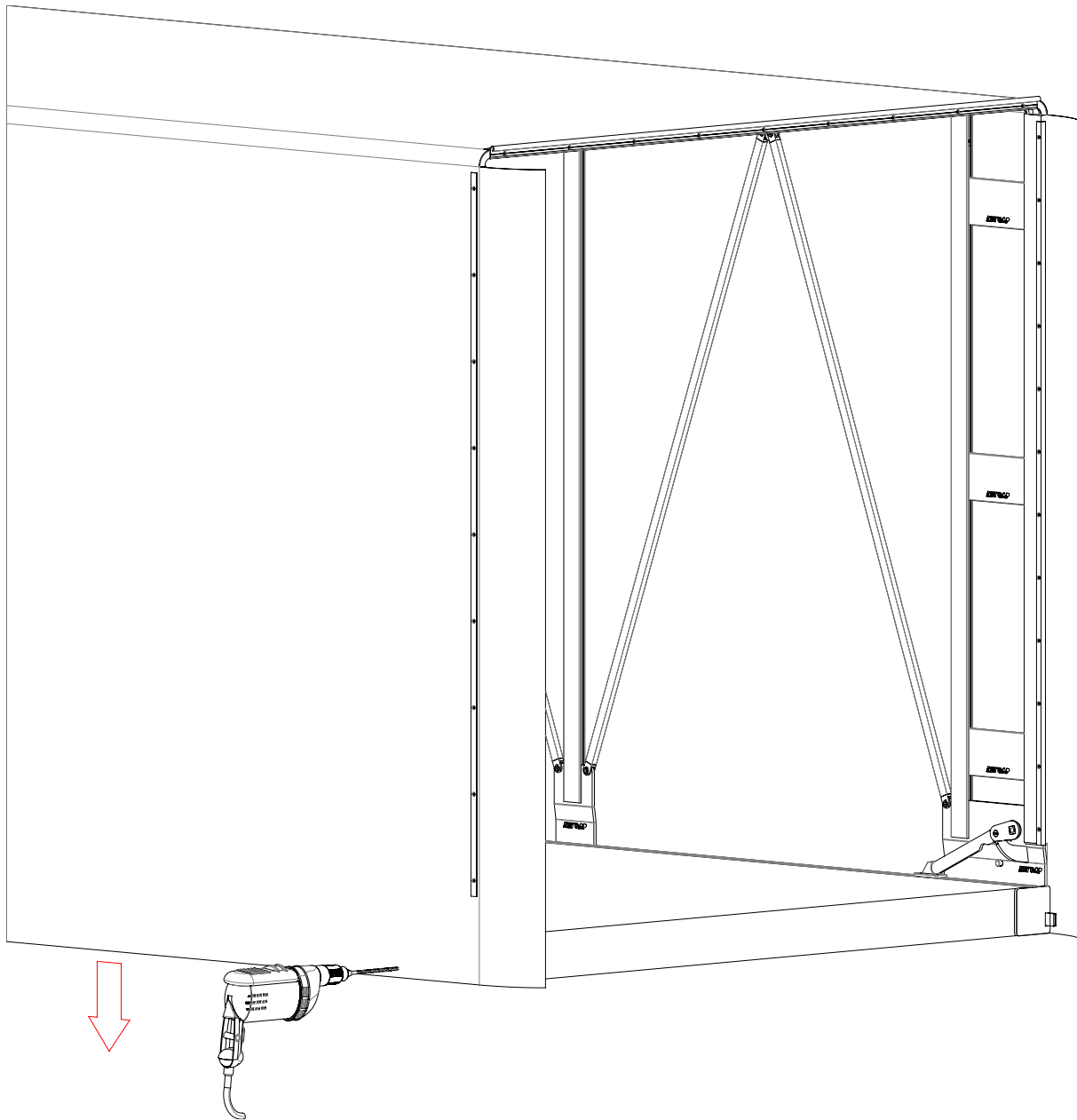


When using your own headboard

install your tensioners and make cut outs in tarp in top and bottom



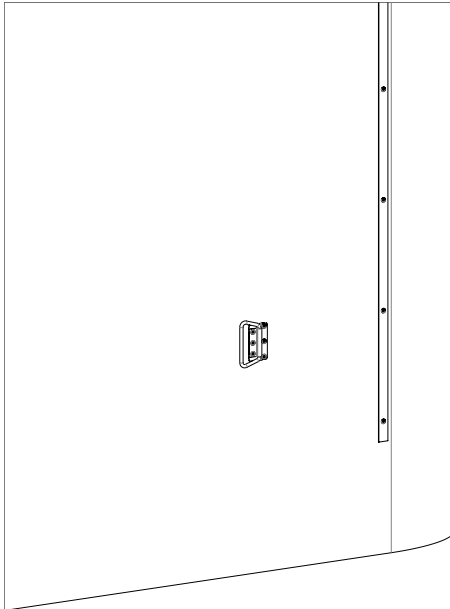
Tension tarp vertically



Pull down the tarp firmly. Determine the M8 threaded hole in the trolley and drill a hole through the tarp and the rubber. Install the supplied M8 bolt with large washer on each trolley.

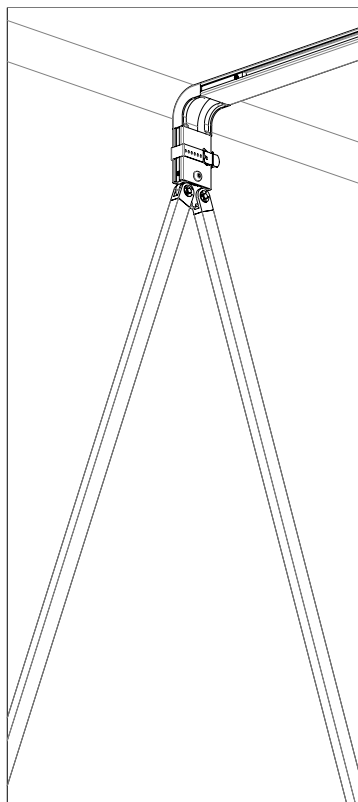
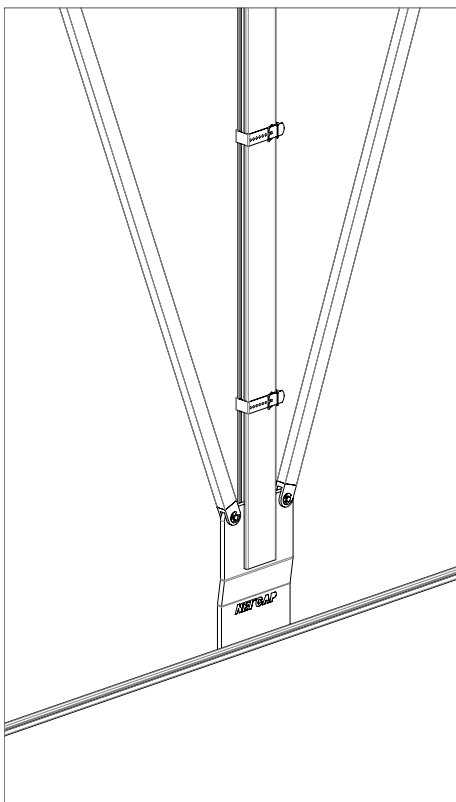
Install the handles on front and rear

Find suitable height and rivet the handles on the trolley outside. Using these is optional. The system can be operated as well without handles.



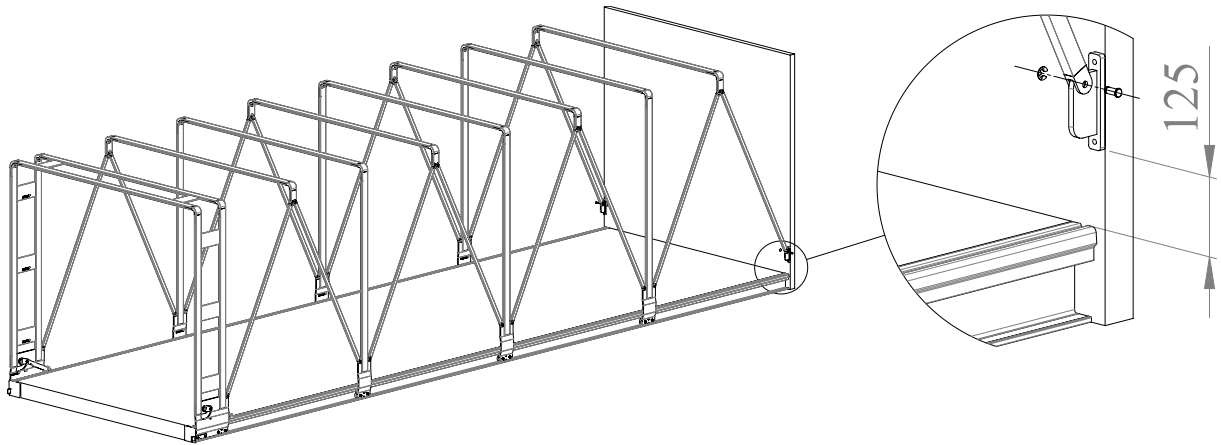
Finish the inside:

Tighten each strap (or Velcro) on all uprights and roof profiles.



When no front trolley is used

Install first scissor on headboard



Rivet tarp on edge of headboard with alu flap 25x2

