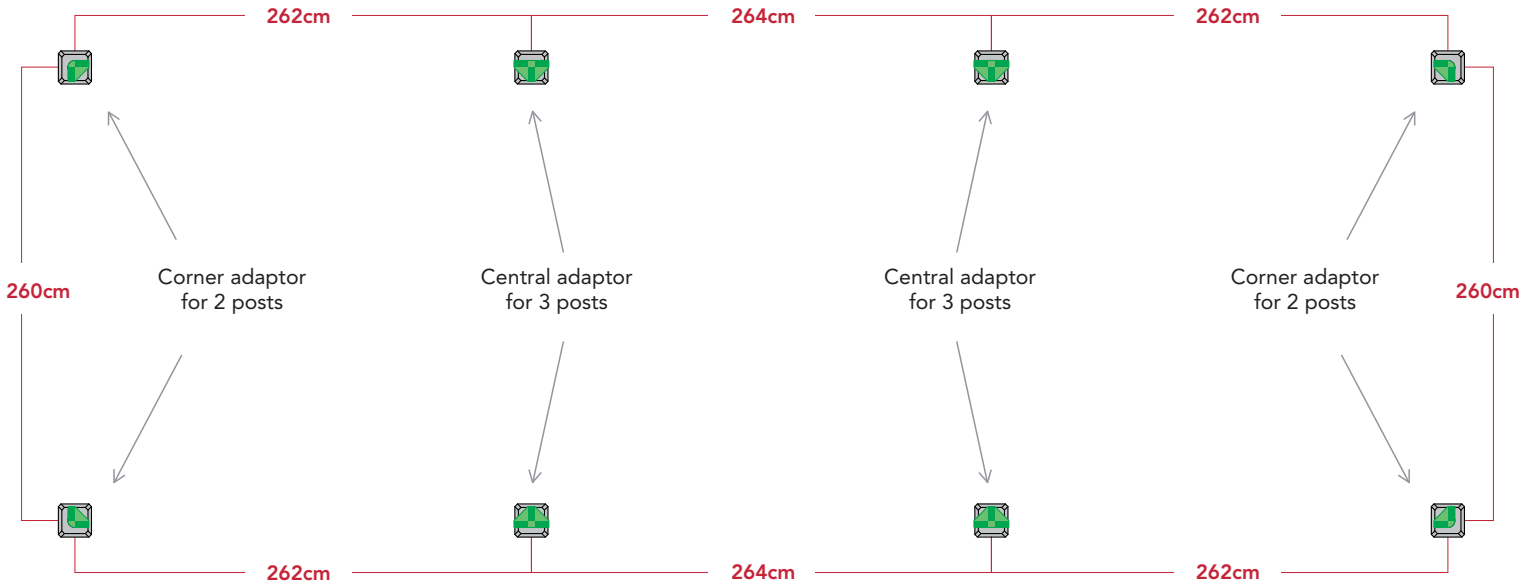
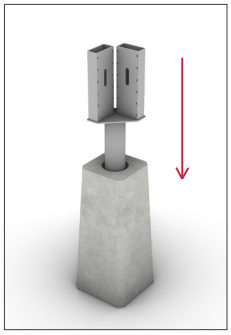
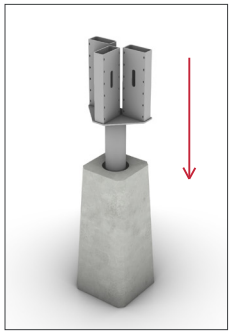
LAGERSTRÖM
BALLOTA Triple pergola
Mounting instructions

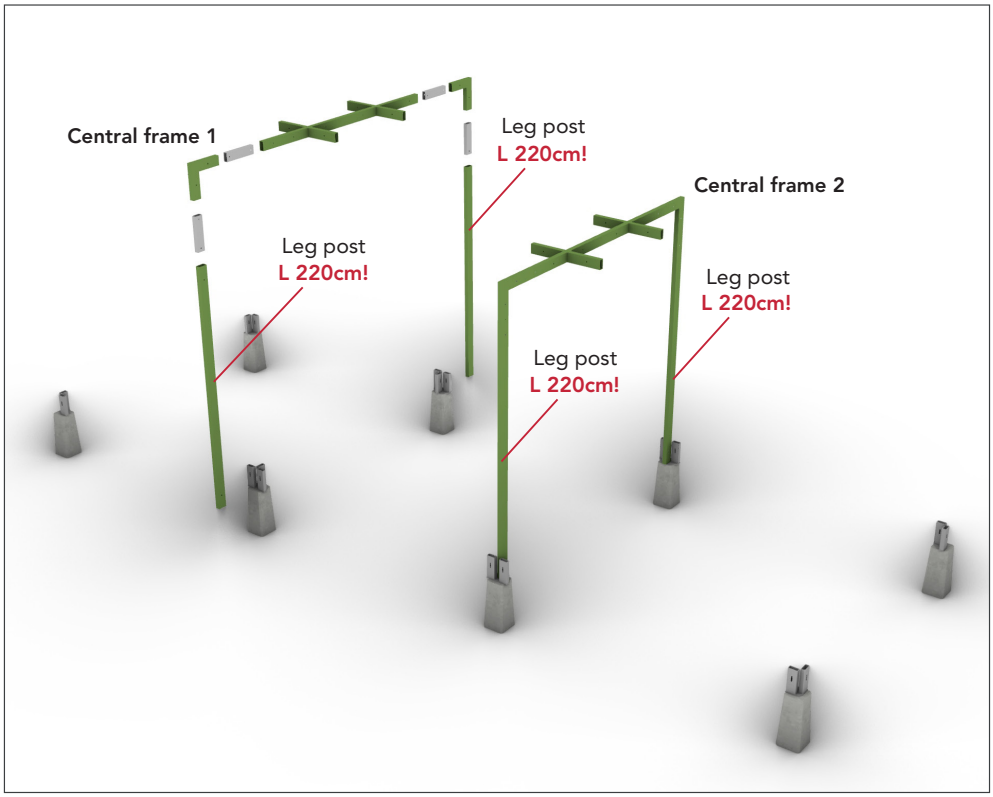




Corner adaptor
for 2 posts



Central adaptor
for 3 posts



01.

Dig holes in the ground and place the concrete post foundations with the post adaptors according to the drawing above.
The top surfaces of the concrete foudations should be aligned with ground level and be horizontal.

The distances shown are from the center of each concrete foundation.

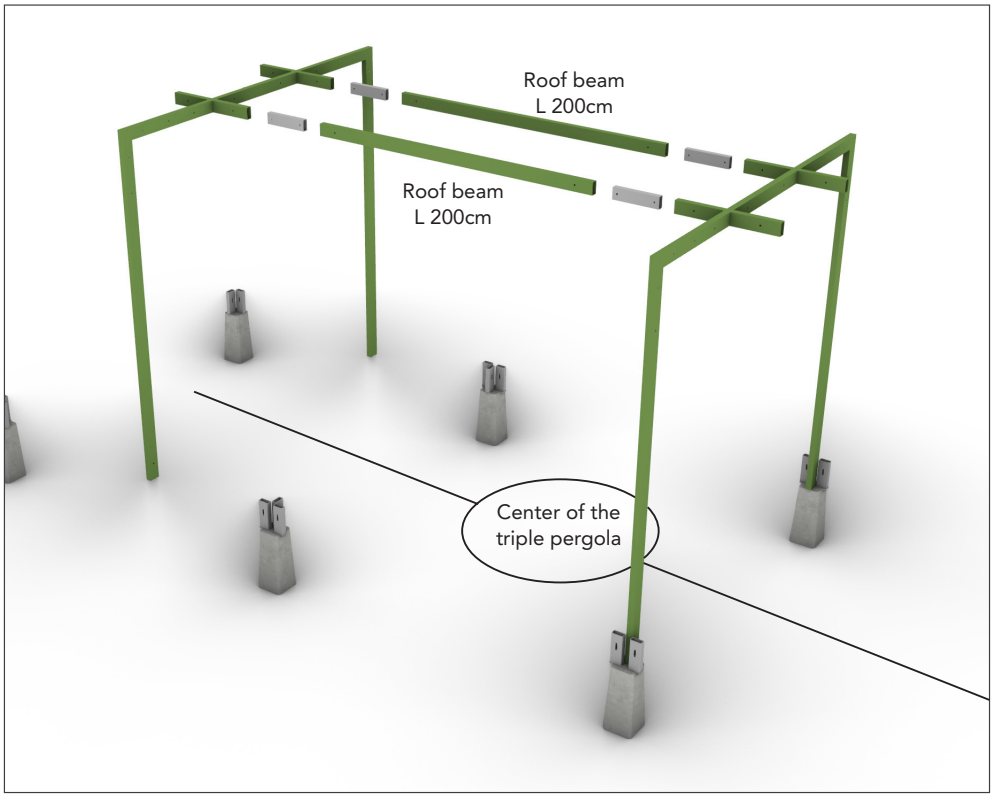
See correct placement of the 2 kinds of post adaptors.

Note the different distances!

02.

Assemble the 2 central frames.
For each frame : 2 corner pieces, 2 leg posts and the special top beam.
Use the inner connector tubes (shown in grey) to hold the structure together. Use M10x60 bolts, nuts and washers to **tightly** assemble the frames.

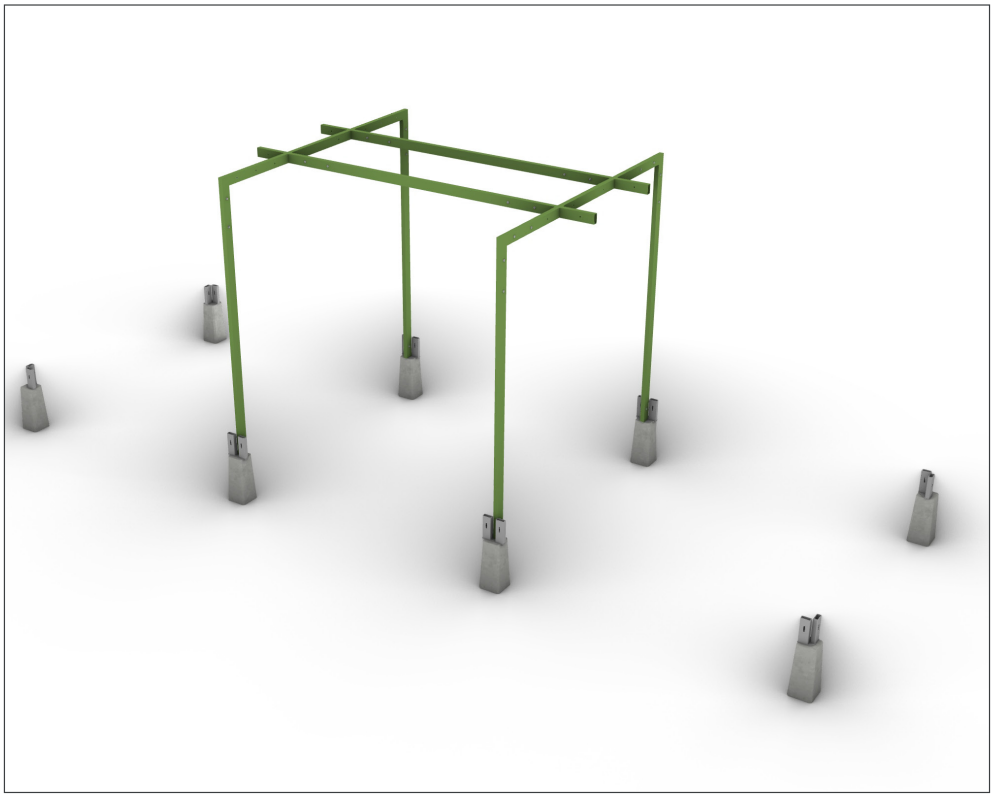
Make sure you use the leg post tubes that are 220cm long! (different to the roof cross beams that are 200cm long)



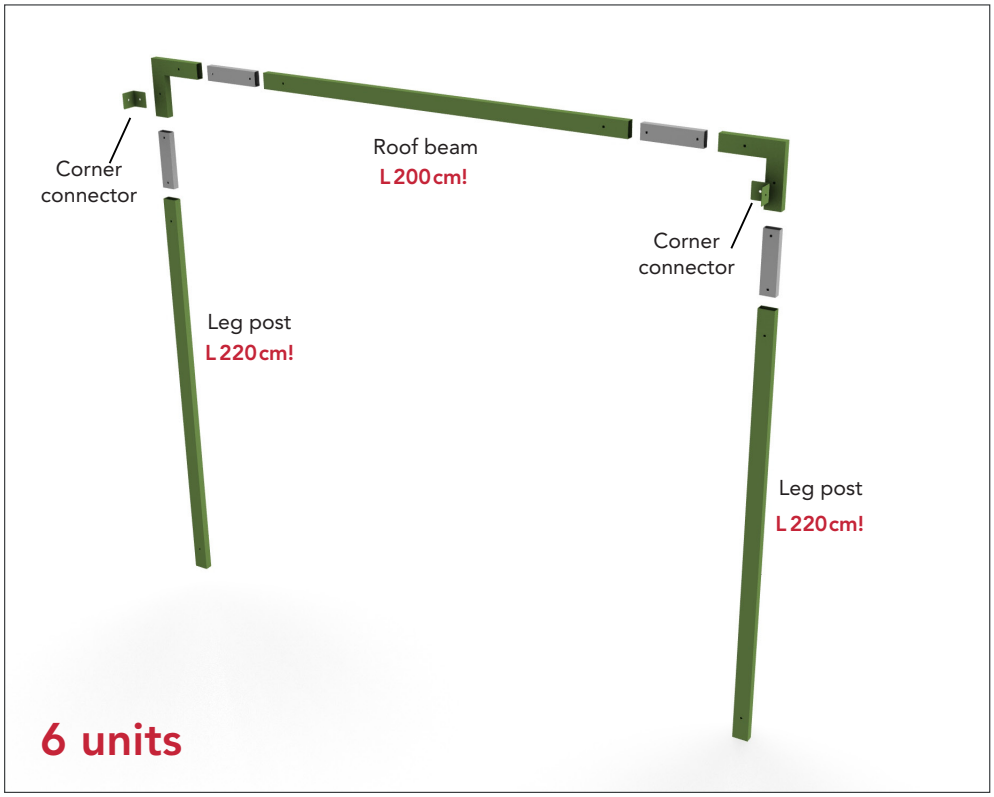
03.

Place one central frame on the concrete adaptors and fasten with M10x60 bolts.

Then connect to the first frame, 2 roof beams and the other central frame. Use the inner connector tubes (shown in grey) to hold the structure together.



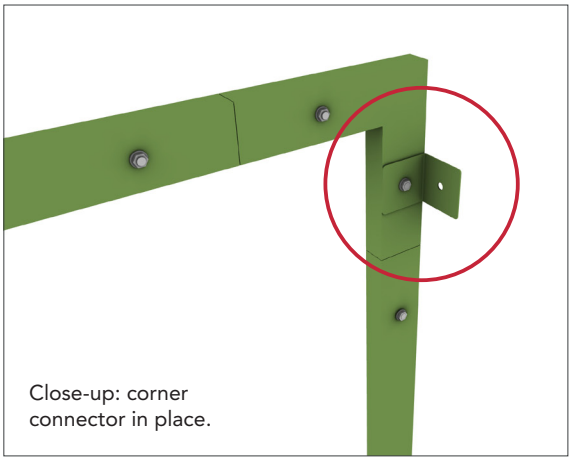
After connecting the 2 central frames with the 2 roof beams the structure should look like this.



04.

Construct **6** frames that will make up the front and back sides of the pergola. For each frame:
2 corner pieces, 2 leg posts, a cross beam and 2 sheet metal **corner connectors**. Use the inner tubes (in grey) to hold the structure together. Use M10x60 bolts, nuts and washers to **tightly** assemble the frames.

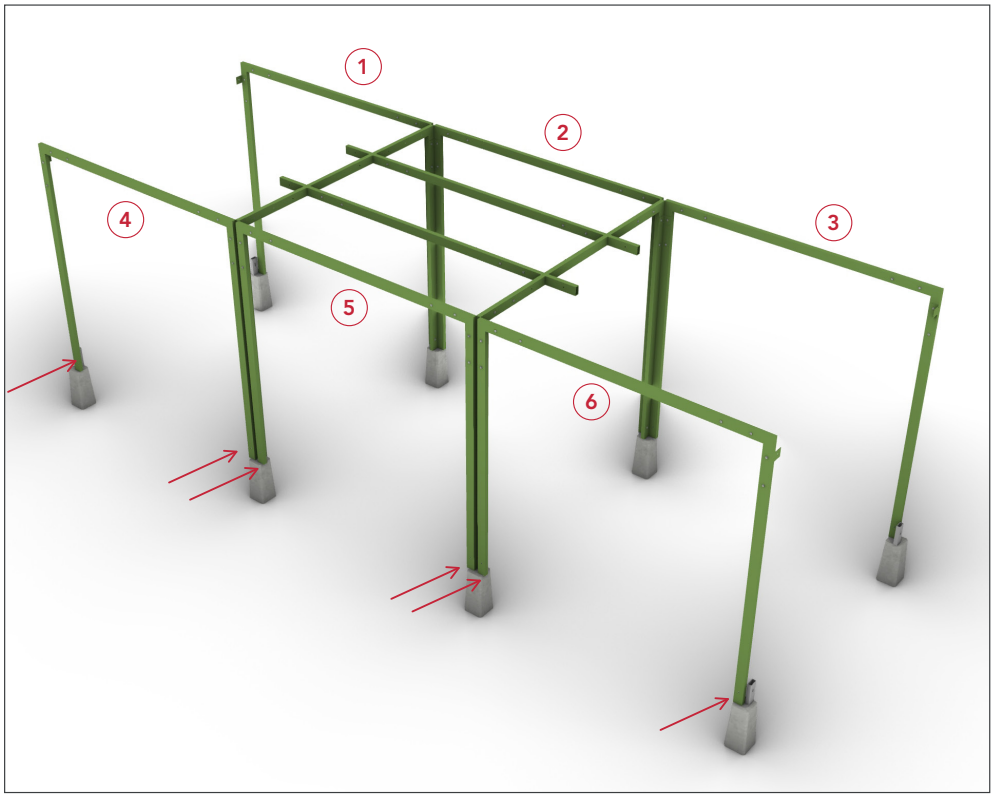
Note that the leg post tubes are 220cm long. (different to the top cross beams that are 200cm long)



Close-up: corner connector in place.

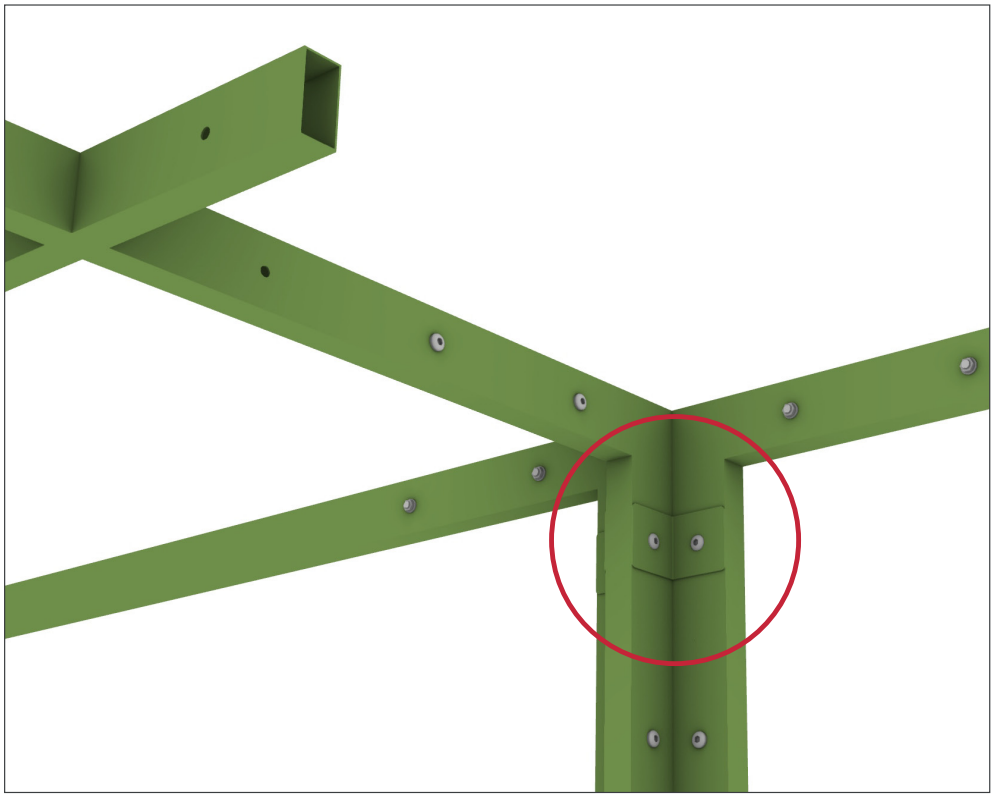
05.

The Assembled frames should look like this, with the corner connectors attached.

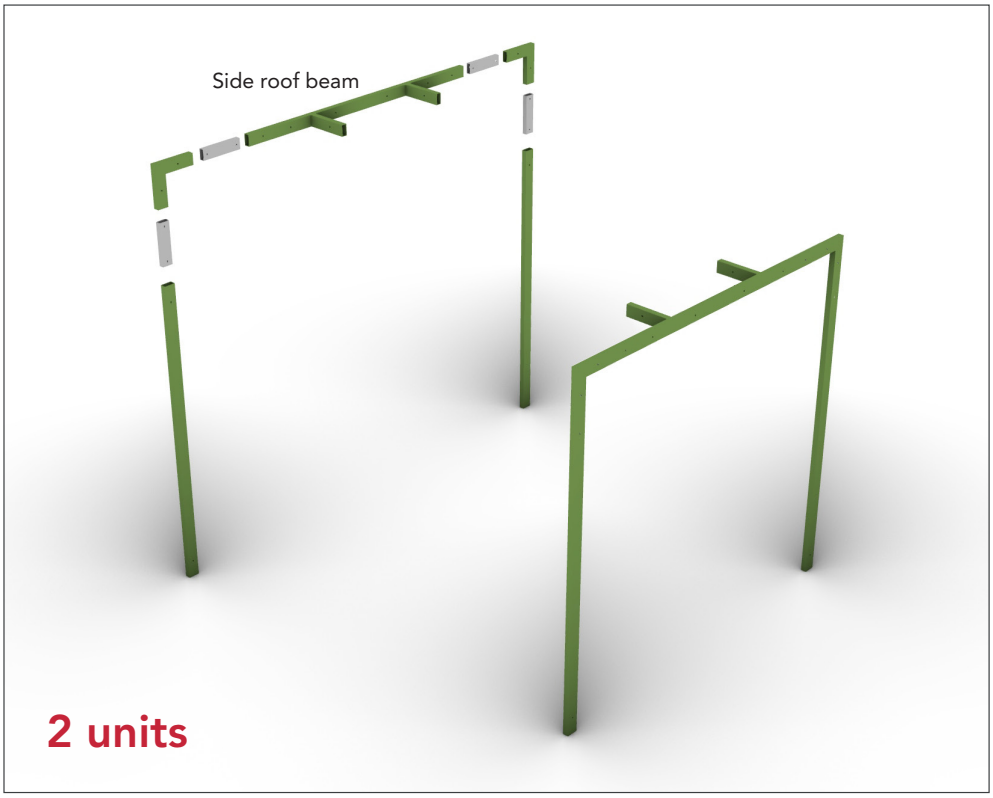


06.

Place the 6 back and front frames on the concrete adaptors and fasten with nuts and bolts.



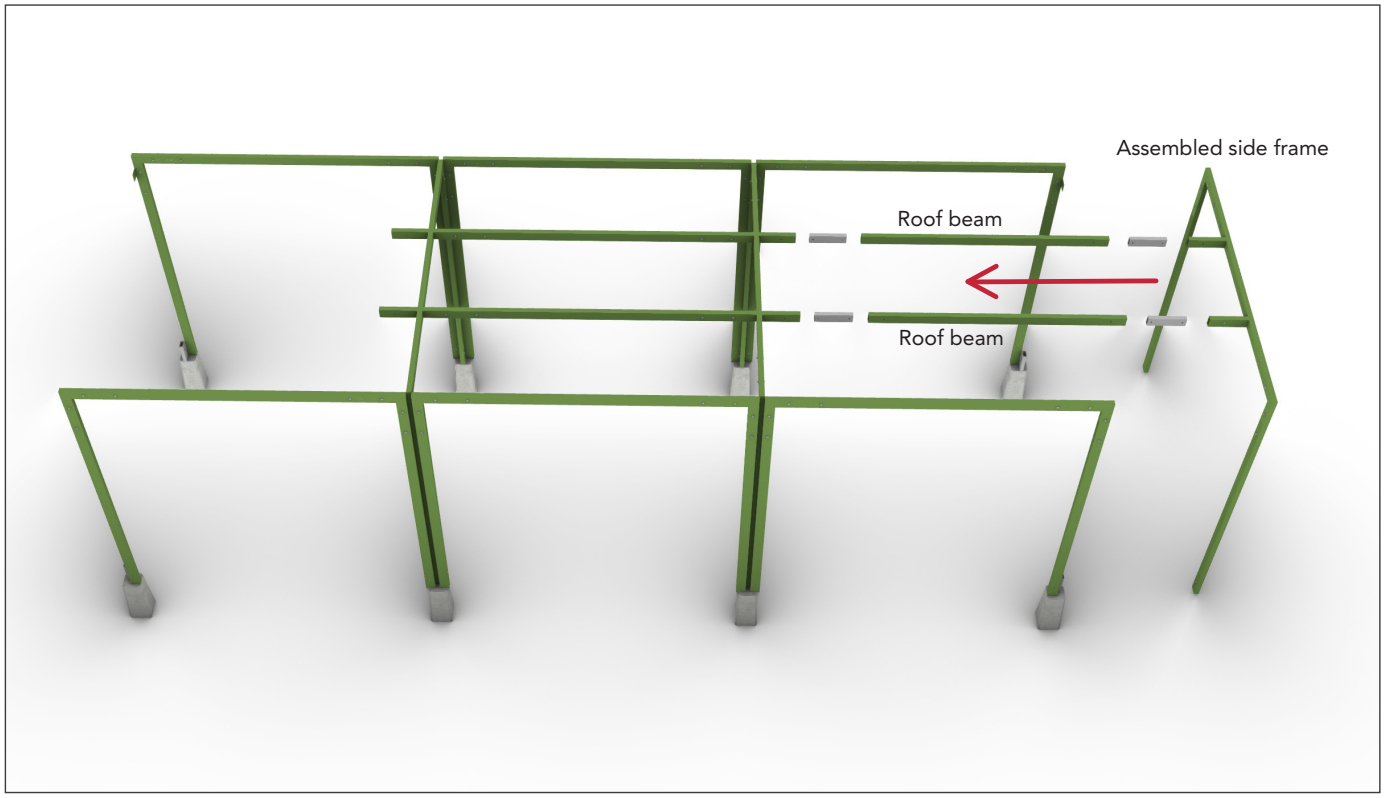
Connect also the upper corners using the sheet metal corner connectors.



07.

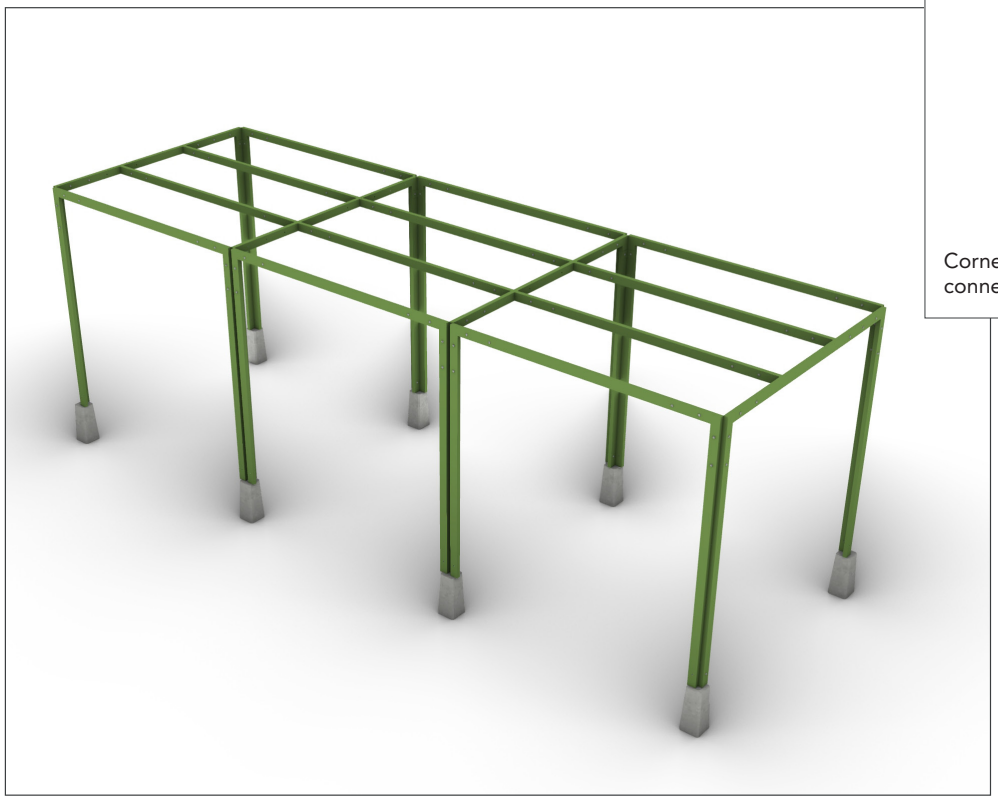
Assemble **2** frames that will make up the sides of the pergola. For each frame: 2 corner pieces, 2 leg posts, a **side roof beam**. Use the inner tubes (in grey) to hold the structure together. Use M10x60 bolts, nuts and washers to **tightly** assemble the frames.

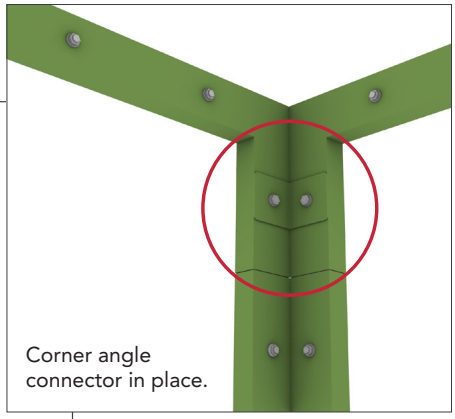
The side frame in relation to the pergola.



08.

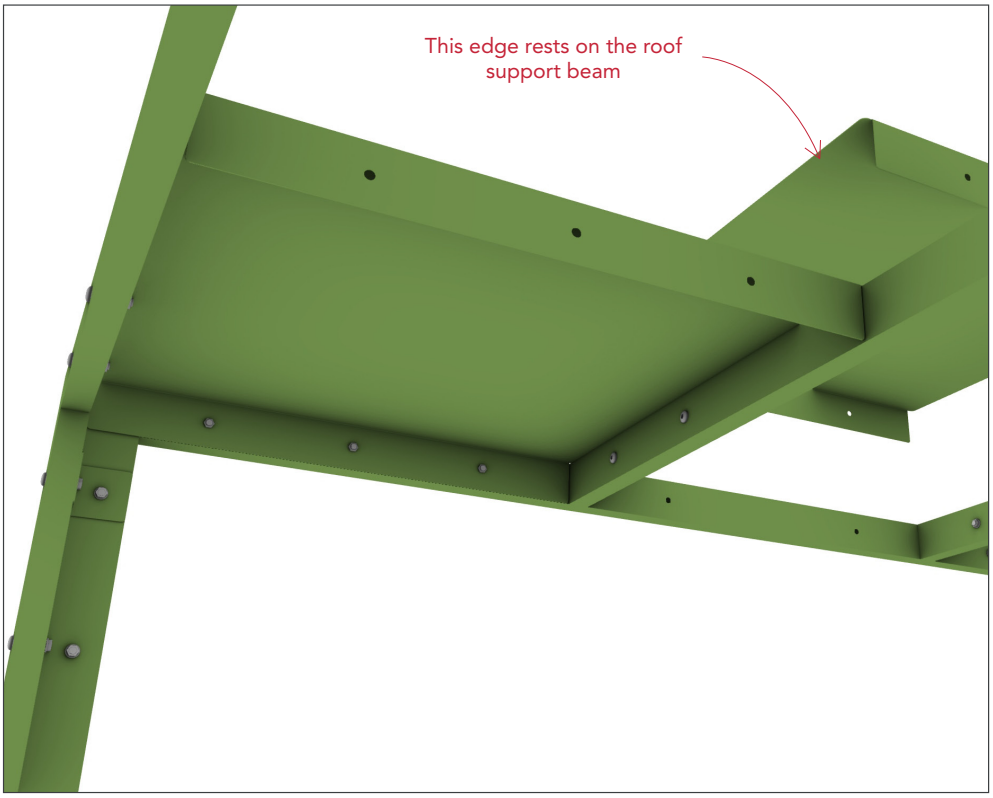
Slot the 2 roof beams into the central cross beam as shown. Use the inner tubes (in grey) to hold the structure together. fasten with nuts and bolts.
Then attach the side frame constructed in stage 07 and place on the post adaptors.
Repeat the process to the other side of the pergola.





09.

All the beams should now be attached. The leg posts are bolted to the concrete foundation adaptors. On the upper side the frames are connected to each other with the sheet metal corner connectors. The roof support beams are bolted to the center and side cross beams.



10.

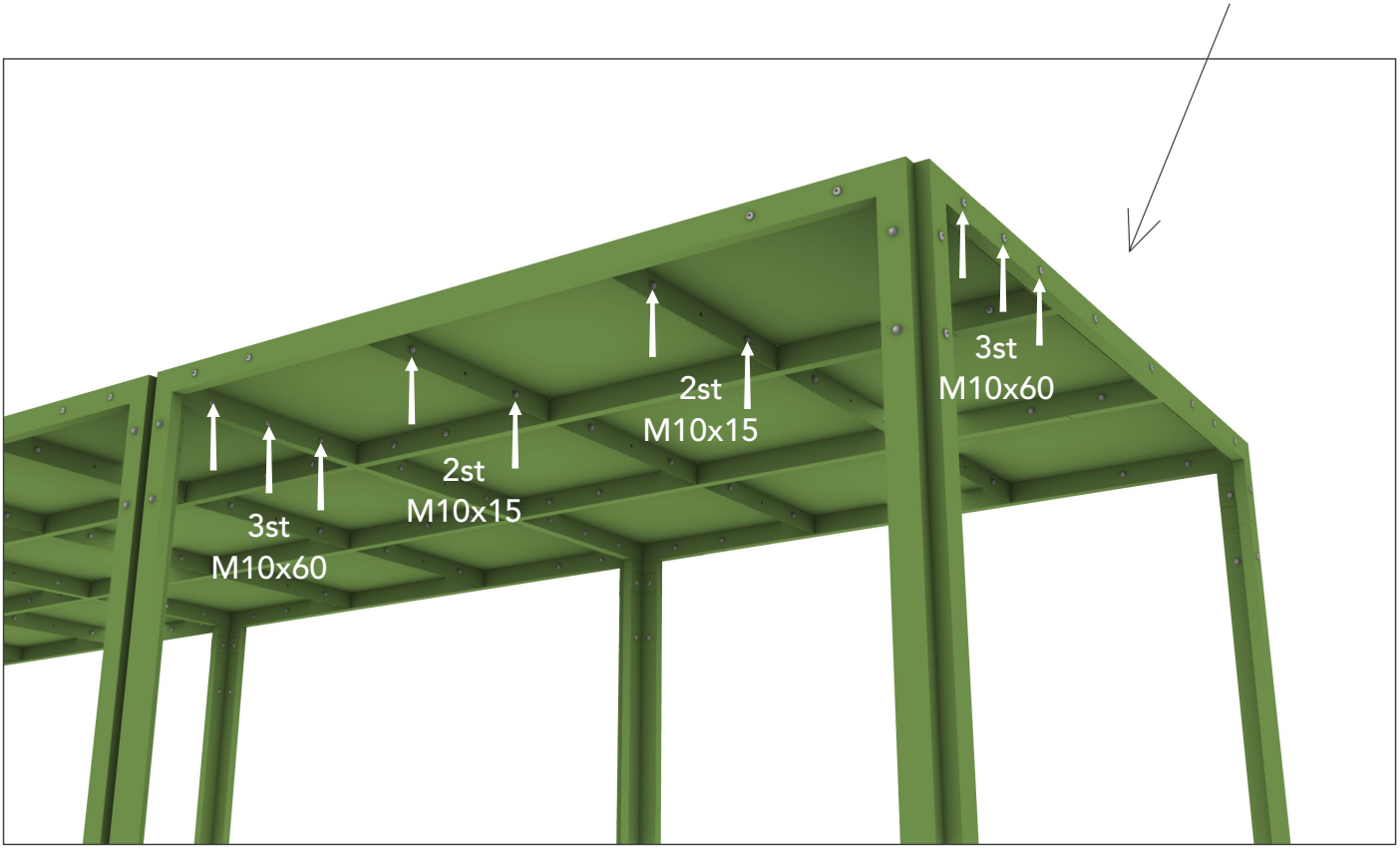
Place roof segments as shown and secure to the front,back and roof support beams with nuts and bolts.

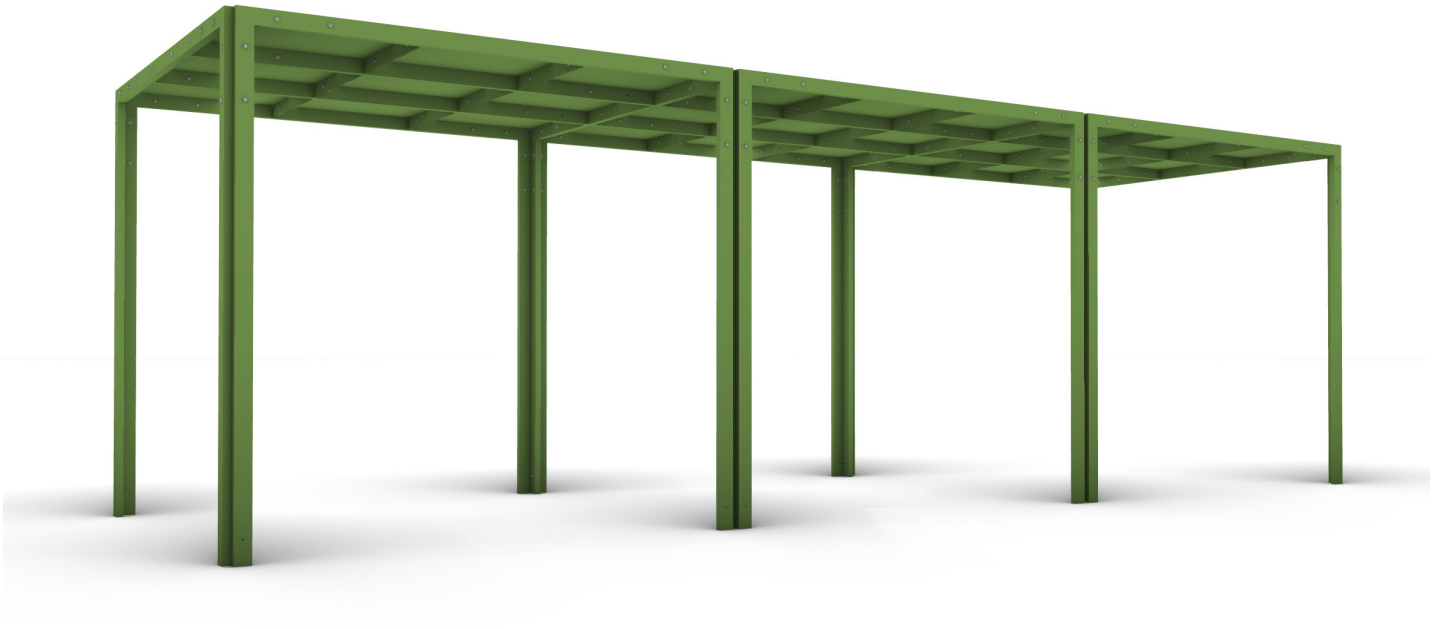
27 roof sheets in total.

Each roof segment is attached with :

2st M10x15 bolts to the segment next to it.

Use the already assembled M10x60 bolts to connect the roof segments to the frames of the pergola. Add a third bolt as shown in the illustration so that there are 3st M10x60 bolts connecting the roof segment to the central and side frames.





The mounted Triple pergola