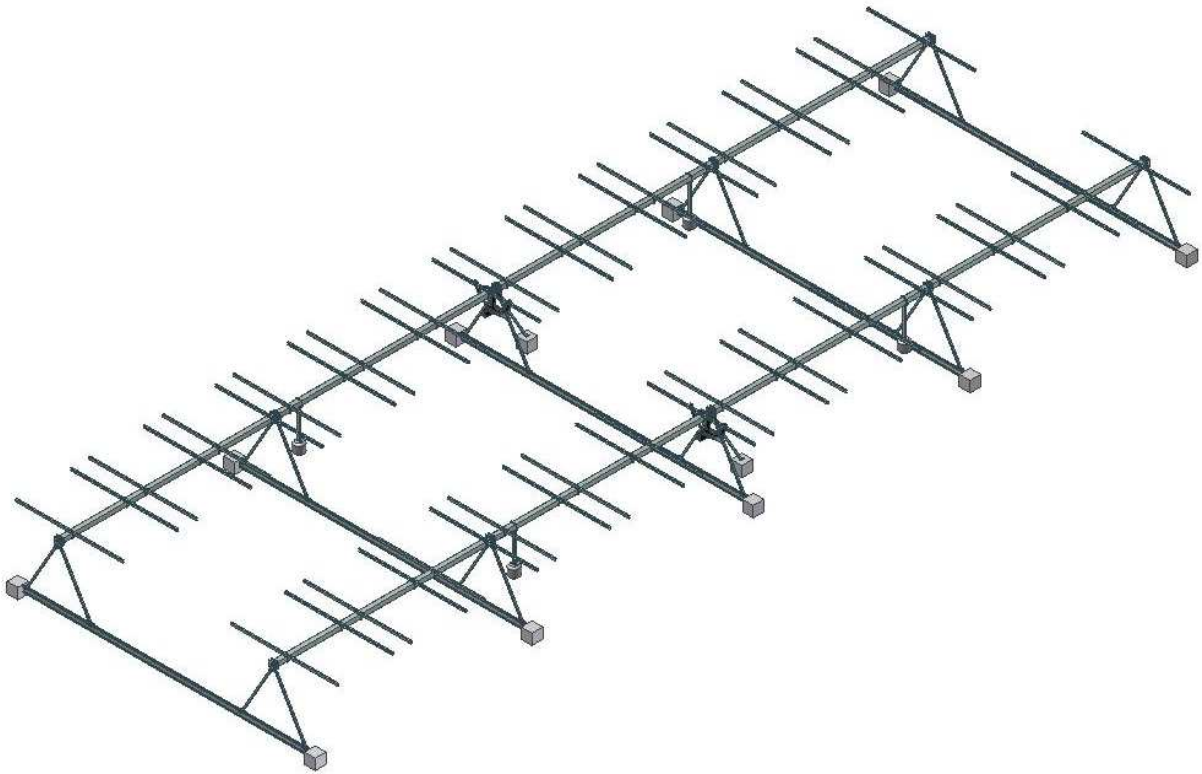




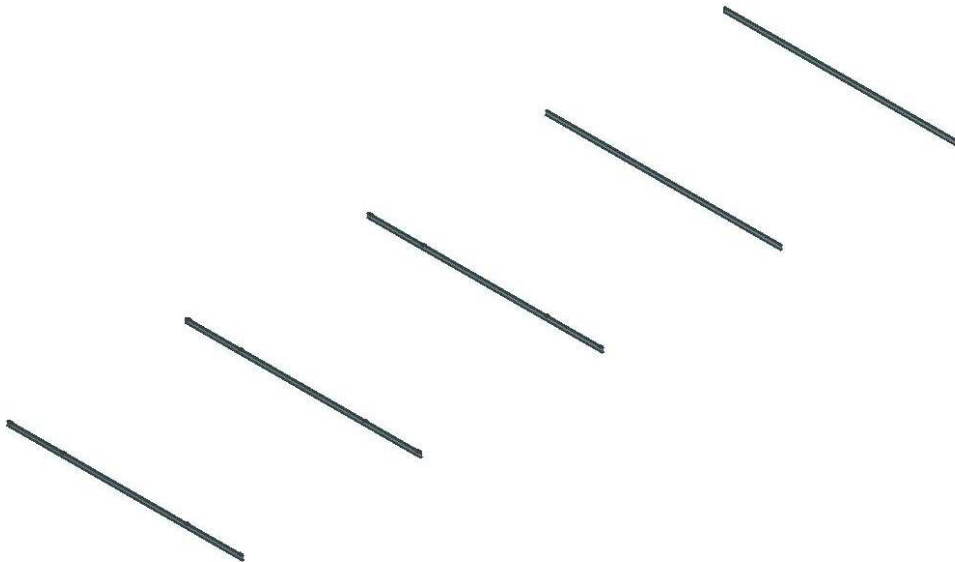
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## FOUNDATIONS FOR THE TRACKER SF70-1EH



This option consist to join, two by two, the trackers who have their axis aligned from north to south , by a beam-IPN 140.



First place on the ground 5 beams at the distances listed in the manual of the SF70-1EH tracker, and be sure that they are totally flat.

The length of each beam must be the wheelbase of the trackers and 2.2 meters more. For example, if the trackers are at six meters between axles, the beams must be of 8.2 meters long.

If it is a logistical problem to use so large beams, can use half-length ones and weld them, because at this point is where is needed less resistance.

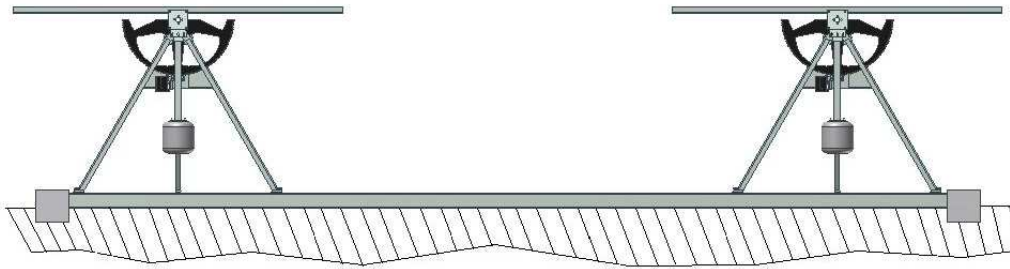
Then, will be mounted the trackers as shown in the image:



Then make some holes in the ground, in the extreme of each beam, of about 30x30cm and about 20cm deep, and then fill them with concrete to cover also the end of the beam.

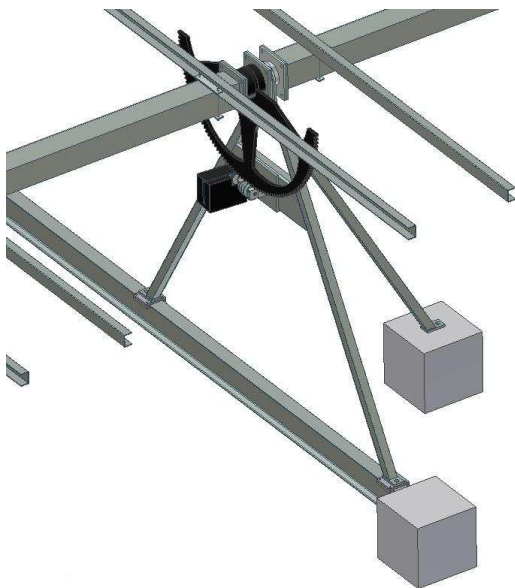
If the beams must be mounted completely horizontal, then the concrete makes the beams remain in the correct position and very rigid.

Those concrete blocks that remain slightly buried help to the wind can not drag the trackers of their place.



Of course, is not necessary that blocks will be parallelepipeds , can be left as spilled by the mixer.

Then, at the central leg, also is necessary pours a least 100 kg of concrete, to be sure than the follower does not move laterally. The leg may be buried in the concrete.



The accuracy mounting the beams and the trackers is not much necessary, but should take care that the maximum angle between bars who forms the follower axis should be not more than  $0.7^\circ$ . This means that the 6 meters of length of each bar can go up or down (or turn off to the right or left) and vary about 73 mm from the perfect alignment .