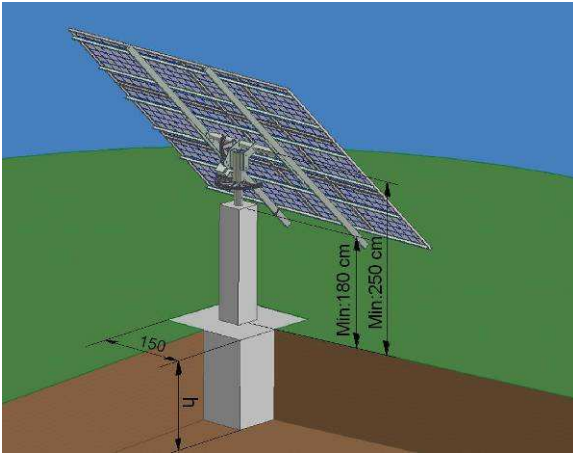
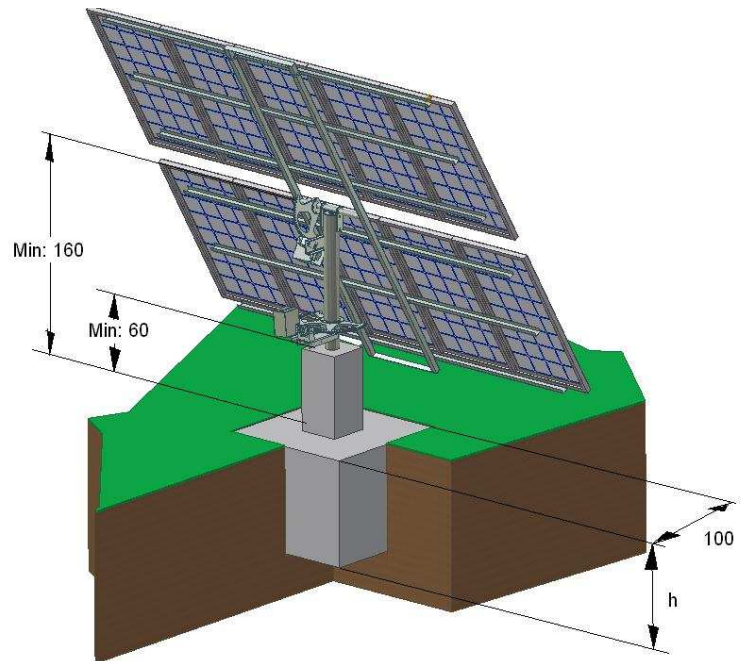


Foundations of the SF9 tracker



The values are valid for the heights shown in the drawings, for a panel surface of 9 m^2 , for a wind speed of 140 km/h and a safety coefficient of 1.6.



Buried foundations

For a foundation width of 100 cm, in not very hard ground (2 kg/cm^2), the depth would have to be 80 cm.

To minimize the dimensions of the foundations, it is a good idea to measure the resistance of the ground. We can calculate the optimum foundations based on the data we are given.

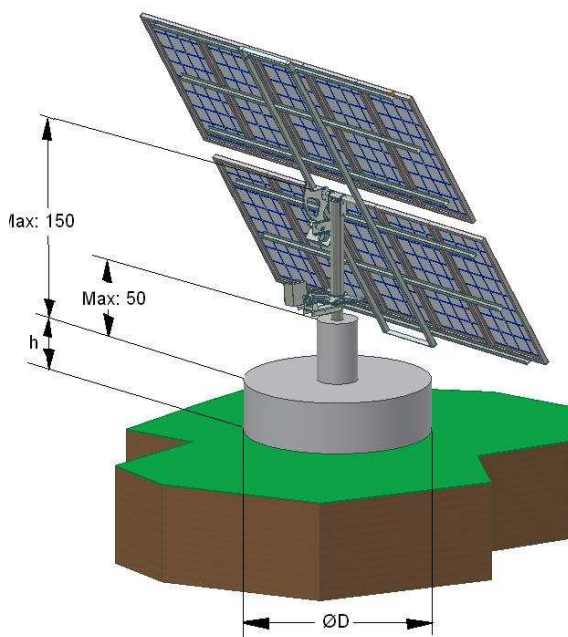
In this case, the column measures 30x30 cm.

Gravity foundation

For the 30 cm column (or 30 x 30) the height of the base depends on the diameter.

For a diameter of 1,5 meters, the height would have to be 0,42 meters. For 1,2 m diameter, the height would be 0,83 meters.

We can calculate the optimum value depending on the dimensions of the panel platform, the heights, etc. Buried foundations are usually slightly cheaper for many units, and have less visual impact.



Trackers Feina SL
 Fàbrica el Molinet s/n
 08250 Sant Martí de Torroella
 Tel: 034 93 8361827 / 034 93 8751001

feina@tracker.cat
www.tracker.cat