

The values are valid for the heights shown in the drawings, for a panel surface of 28 m<sup>2</sup>, for a wind speed of 140 km/h and a safety coefficient of 1,6.

### Buried foundations

For a foundation width of 150 cm, in not very hard ground (2 kg/cm<sup>2</sup>), the depth would have to be 140 cm.

To minimise 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 40 cm.

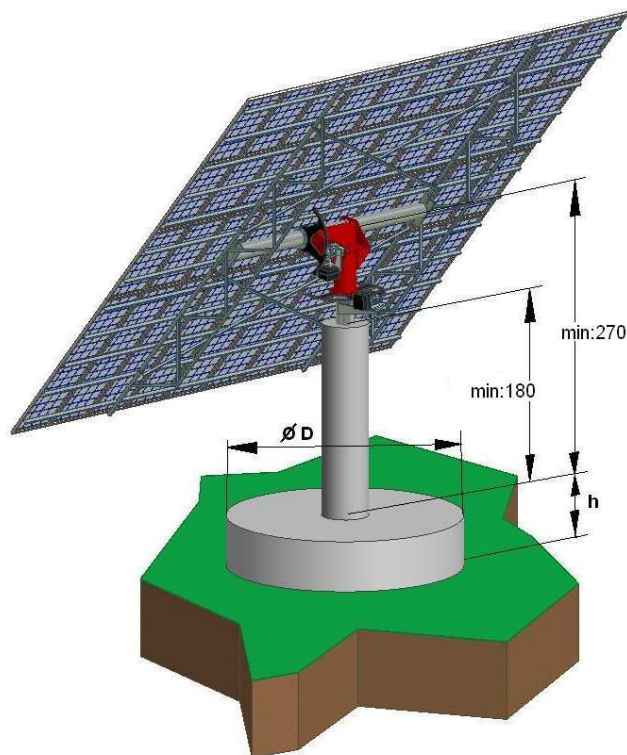
### Gravity foundation

For the 40 cm column (or 40 x 40) the height of the base depends on the diameter.

For a diameter of 2,5 meters, the height would have to be 0.50 meters. For 2,0 m diameter, the height would be 1,0 meter.

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.



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