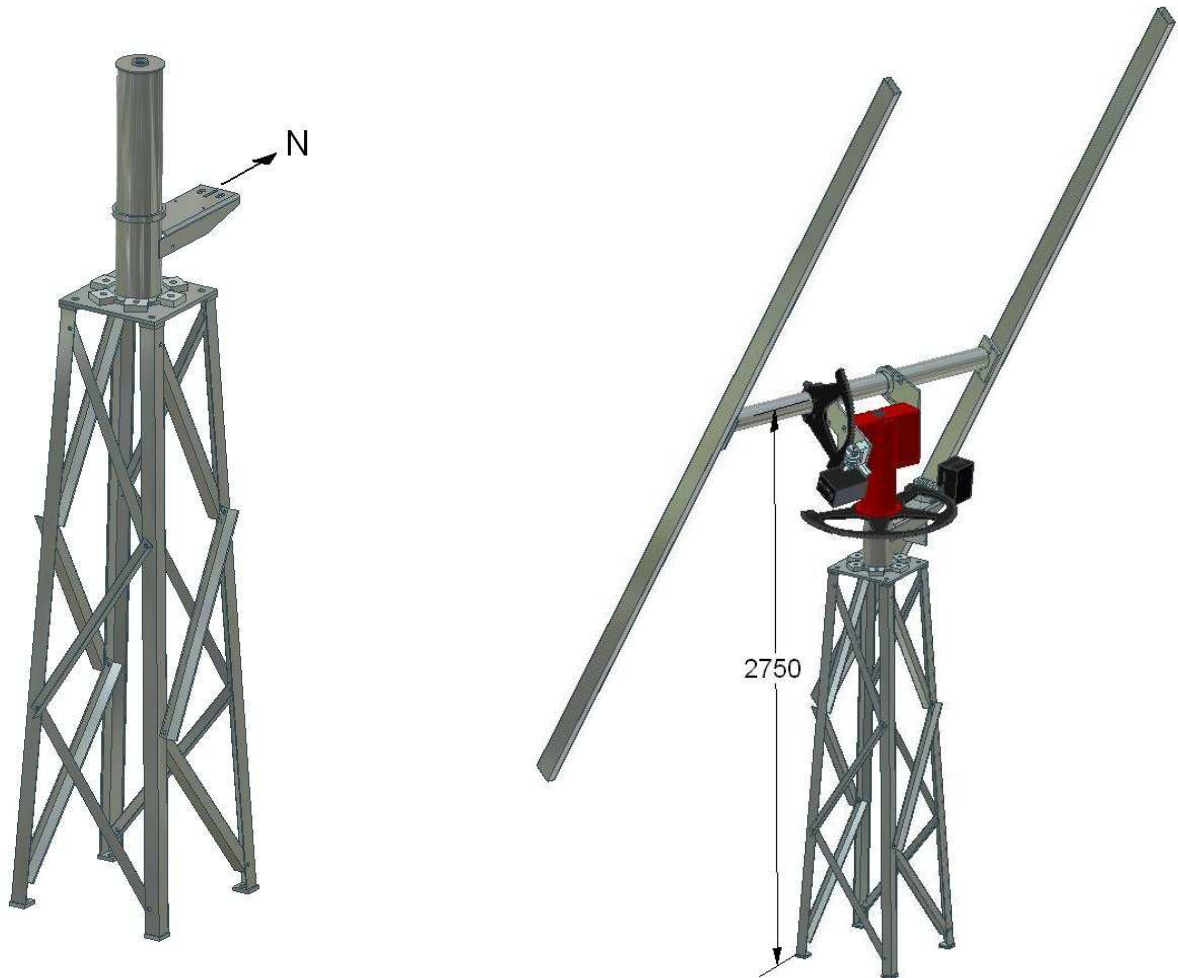




FEINA SOLAR TRACKER FEATURES, SF20



- Mast that is on an Iron column. (Galvanised and coated with zinc)
- Moving tube that rotates around the mast (Galvanised and coated with zinc)
- Gear Module 6, Diameter 720mm, hourly movement (Galvanised and coated with zinc).
- Gear Module 6, Diameter 720mm, inclination movement (Galvanised and coated with zinc).
- Axle, diameter 100 mm, L=1,500 mm, structure inclination. (Galvanised and coated with zinc).
- Two motor sets with their gears, their headless nuts and turn counter switch and protection box (Galvanised and coated with zinc). -Two crosswise bars of 5 metres for supporting the transversal bars (Galvanised)
- An electronic box with the connections for the motors and the micro switch

It is designed for withstanding winds of 140 km/h with 20 m² of panel surface.

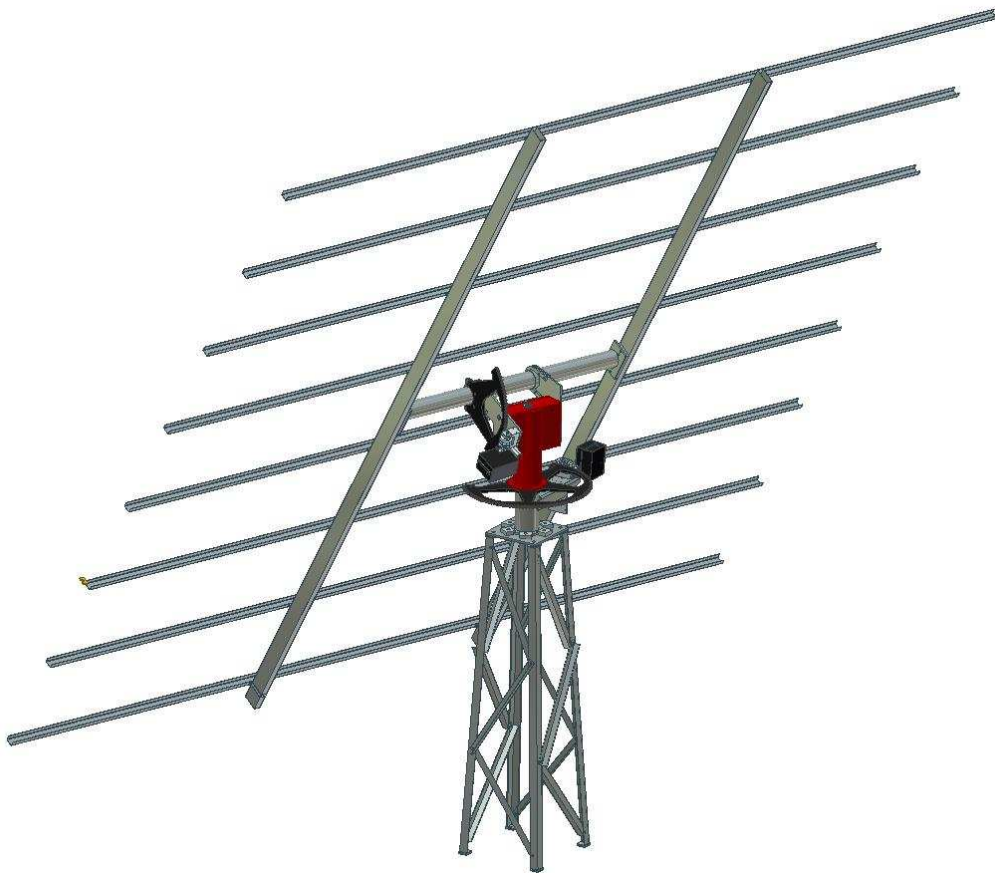
Functioning:

Once the date, time and location coordinates are entered into the screen, with the buttons, the sun tracker is set.

From this moment on, the tracker is working. Each X amount of minutes (between 1 and 90, according to what has been programmed), it calculates the position and moves the tracker if necessary.

At the moment that the sun sets, in other words, when the inclination of the sun over the horizon is negative, the tracker returns to the east and sets near the horizon again (some 80 degrees regarding the vertical).

At the time that the sun comes up, the tracker goes back to an almost vertical position. From this moment on it carries out its normal daily movement.



Trackers Feina SL,
Fàbrica el Molinet s/n
08250 Sant Martí de Torruella(Barcelona)
Tel:93 8361827 / 93 8751001
feina@tracker.cat
<http://www.tracker.cat>

