

SOLAR POSITIONING SYSTEM TERMS TRACKER MIRROR



High-efficiency solar system with mirror concentrator

The TERMS Tracker Mirror design is based on the well-tried structure of the two-axis tracking device supplemented with energy concentrators. The device is suitable for land installation with various types of photovoltaic panels.

Its modular surface is seated on a rotary head whose size is enough for 20 to 24 photovoltaic panels depending on the output electric parameters and the type of convertor selected. The entire module surface continually rotates in an automatic mode and tilts to the sun for achieving a higher efficiency of the photovoltaic panels installed. The module surface tilt varies in the range of 15°C to 75°C so that it is in the ideal position towards the sun all the time.

Additional concentrators of the radiation coming from Al-sheets increase the output of the entire system. Mirrors effectively enhance the amount of radiation falling onto the photovoltaic panels. This technical solution allows installation on the majority of existing tracking systems.

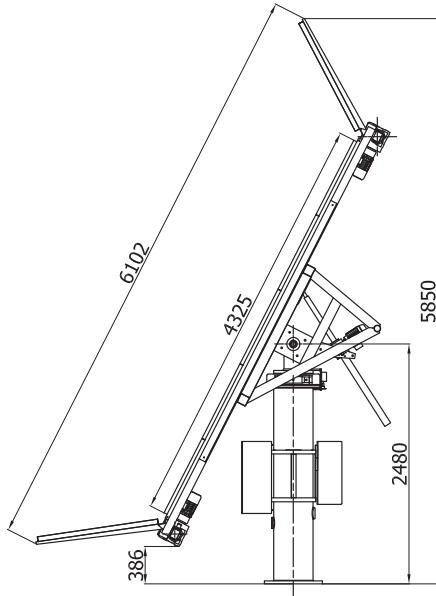
The installation of the unique energy concentrator on the two-axis tracking system with the SW TERMS precision control brings up to 63% more energy as compared to fixed systems.

The technology is appropriate for medium and large solar parks.

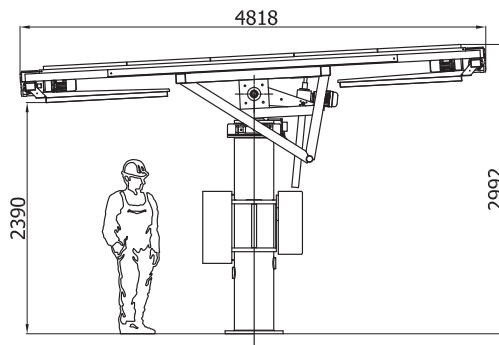


TERMS TRACKER MIRROR SOLAR POSITIONING SYSTEM

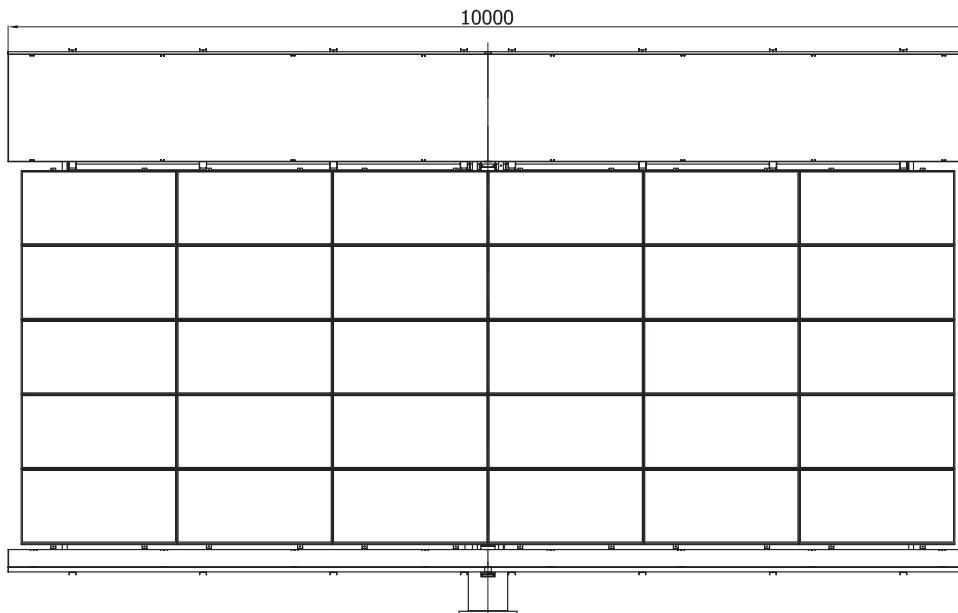
SIDE VIEW A



SIDE VIEW B



VIEW A



Due to continuous innovations TERMS a.s. reserves the right to make changes without any prior notification.

PARAMETERS					
Active surface (m ²)	18	24	30	40	up to 55
Weight - excluding PV panels (kg)	860	990	1050	1150	1270