

Adjustable PV Mount

The Season Adjustable PV Mount is believed to provide as much as a 25% increase in yield from solar panels in comparison to fixed frames.

Adjusting the angle of solar panels during the year ensures that the panels maintain a better alignment with the sun. The frame has three fixed positions that the panels can be locked into a summer position, a winter position and a spring/autumn position.

This perpendicular alignment to the sun allows the panels to see an increased yield of ~15% in the winter months and ~25% in the summer months in comparison to fixed mounting frames.



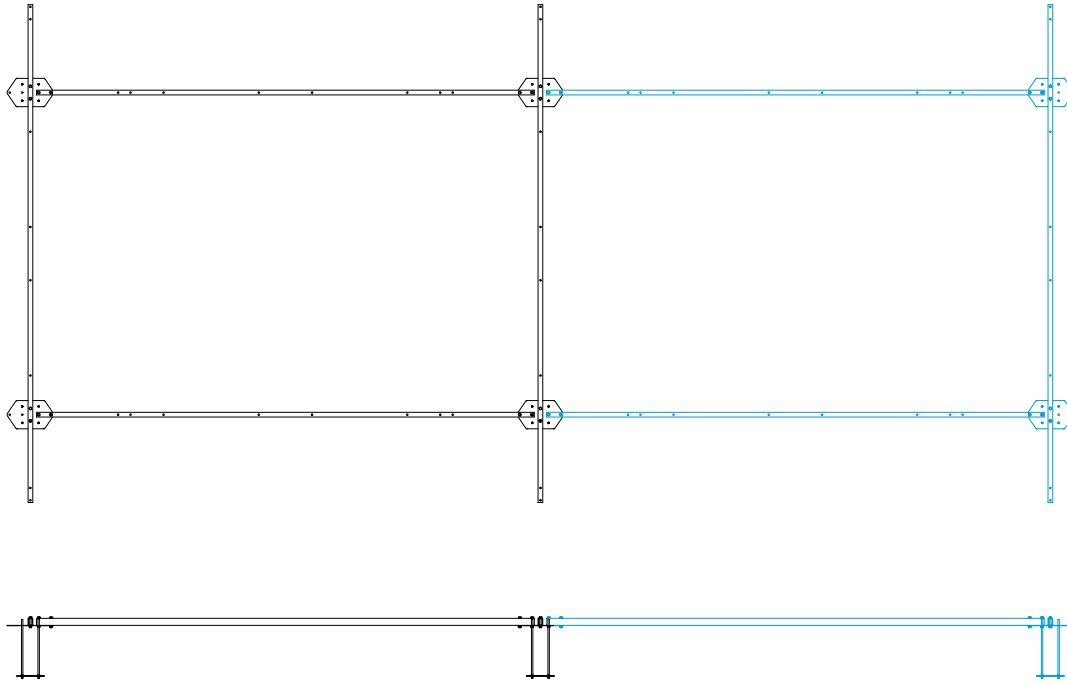
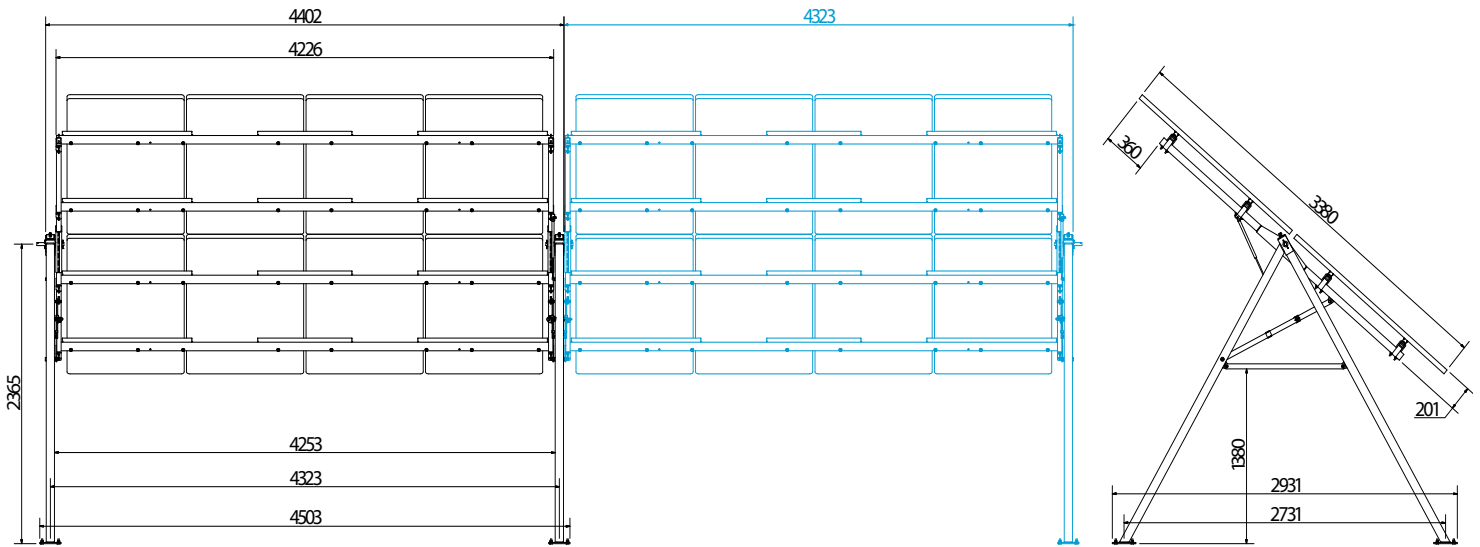
The mounting frames are extremely flexible. They can facilitate any number of PV panels that are required. The standard arrangements are in sets of 8 panels, so you can have 8, 16, 24, 32 or 40 panels in one continuous row. Each time you increase by another set of 8 you only require one additional frame and standing and not a complete new set. This halves the installation time required in preparing new foundations as well as reducing materials. This results in a cheaper price per new installation.



Specification

- Seasonally adjustable to allow increased yield
- Add to the installation over time by daisy chaining on more frames
- Hand operated damper assisted tilt mechanism
- Panel height allows live stock to safely use the field
- Simple installation with jigs to help set out foundations
- Flat pack design for simple construction
- Manufactured to BS EN ISO9001 standards to ensure quality and reliability
- Hot dip galvanised ISO1461
- Loading in accordance with BD 37/01 as modified by BD 51/98
- Welding Conformity; TP27, BSEN 1290; 1998

Technical Data



Single Mount Width	4402mm
Additional Width Per Mount	4323mm
Single Mount Weight	220kg
Additional Weight Per Mount	180kg
Standard Summer Angle	73°
Standard Winter Angle	27°
Standard Autumn/Spring Angle	50°

Welding Conformity; TP27, BSEN 1290; 1998

Mild Steel Specification; BSEN 10025-2:2004 S275 / S355

Fixings; 304, 316 S/S

Hot Dip Galvanised Versions to; ISO1461

Non Galv Protection Version; Powder Coated Korroprime paint finish from the RAL or BS4800 ranges

Loading in accordance with BD 37/01 as modified by BD 51/98