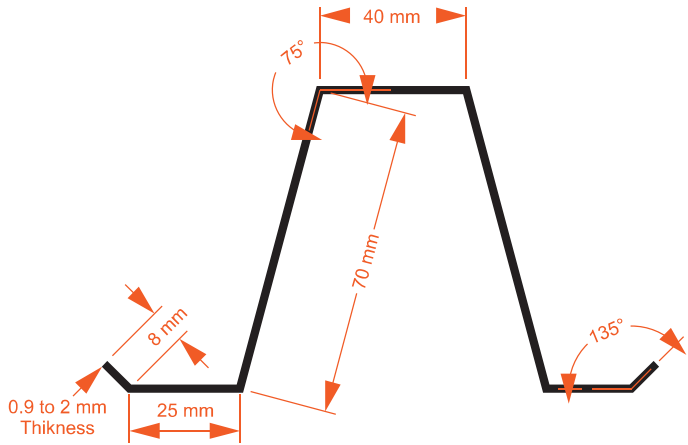




Empowering Tomorrow with
SOLAR SOLUTIONS TODAY

HAT SECTION

Sr No.	Profile/Section	Description (Web x Flange x Lip)	Thickness
01	HAT	40 x 60 x 25 x 8	0.9 to 2 mm
02	HAT	40 x 70 x 25 x 8	0.9 to 2 mm
03	HAT	40 x 80 x 25 x 8	0.9 to 2 mm
04	HAT	40 x 90 x 25 x 8	0.9 to 2 mm
05	HAT	40 x 100 x 25 x 8	0.9 to 2 mm

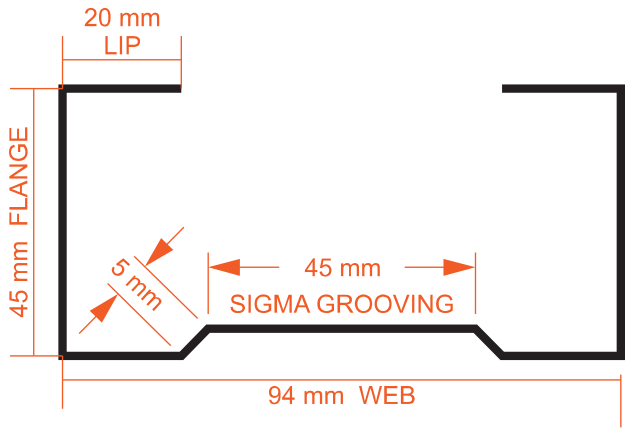


Type Of Marterial (Hat Section)

Pre-Galvanised: Upto 550 gsm (upto 550 mpa) | Galvalume: 150 & 170 gsm (upto 550 mpa) | Posmac (550 mpa)

SIGMA SECTION

Sr No.	Profile/Section	Description (Web x Flange x Lip)	Thickness
01	Sigma	94 x 45 x 15	1 to 3.15 mm
02	Sigma	100 x 50 x 15	1 to 3.15 mm
03	Sigma	120 x 60 x 15	1 to 3.15 mm
04	Sigma	130 x 65 x 15	1 to 3.15 mm
05	Sigma	150 x 75 x 15	1 to 3.15 mm



Type Of Marterial (Sigma Section)

Pre-Galvanised: Upto 550 gsm (upto 550 mpa) | Galvalume: 150 & 170 gsm (upto 550 mpa)
Hot dip to 80 to 120 micron

Size	HAT Section	SIGMA Section
WEB	40mm ± 2 mm tolerance	94mm to 300mm ±2mm tolerance
Flange	60mm to 100mm ±2mm tolerance	40mm to 75mm ±2mm tolerance
Lip	60mm to 100mm ±2mm tolerance 8mm to 10mm ±2mm tolerance	10mm to 20mm ±2mm tolerance
Hole	Purching upon requirement ±2mm tolerance	Purching upon requirement ±2mm tolerance

Advantages with us:

- Uniorm & Consistent Channels (HAT & SIGMA Type)
- Variable width and flange can be manufactured with customized length
- Superior Surface Finish
- Economic & Scalable Production of large volume can be attained
- Various application such as PEB building, Storage Racks & Solar Power Plants.

Note:

- The size mentioned in above table are standrd & it can be also customised as per cusomers requirement.
- All dimension are in mm, unless specified.

C&Z SECTION

Sr No.	Profile/Section	Description (Web x Flange x Lip)	Thickness
01	C&Z	80 x 40 x 15	1 to 3.15 mm
02	C&Z	90 x 45 x 15	1 to 3.15 mm
03	C&Z	100 x 40 x15	1 to 3.15 mm
04	C&Z	120 x 50 x 15	1 to 3.15 mm
05	C&Z	140 x 50 x 15	1 to 2.50 mm
06	C&Z	160 x 40 x 15	1 to 2.50 mm
07	C&Z	180 x 50 x 15	1 to 2.50 mm
08	C&Z	200 x 40 x 15	1 to 2.50 mm
09	C&Z	220 x 50 x 15	1 to 2.50 mm
10	C&Z	240 x 50 x 15	1 to 2.50 mm

Tolerance

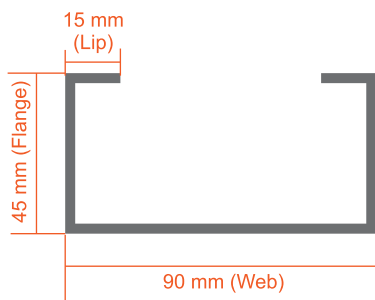
- ±2 mm in Lip
- ±3 mm in Web
- ±2 mm in Flange
- ±2 mm in Hole

Advantages with us

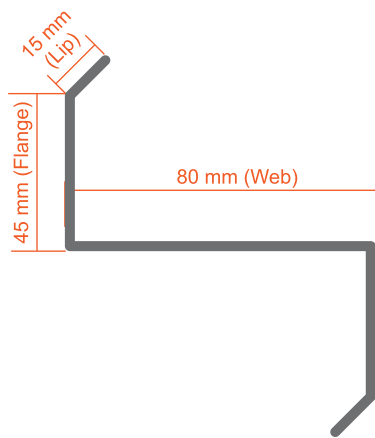
- Uniform & Consistent Channels (C & Z Type)
- Variable width and flange can be manufacture with customized length.
- Economic & Scalable production of large volume can be attained.
- Various application such as PEB building and Solar Power plants.

Type of Material (C&Z Section)

Pre-Galvanised: upto 550 gsm | Galvalume: 150 gsm | Post Galvanised: Hot dip to 80 to 120 micron



C Channel



Z Channel



Note:

- The size mentioned in above table are standrd & it can be also customised as per customers requirement.
- All dimension are in mm, unless specified.

Seasonal Tilt Solar Mounting Structure

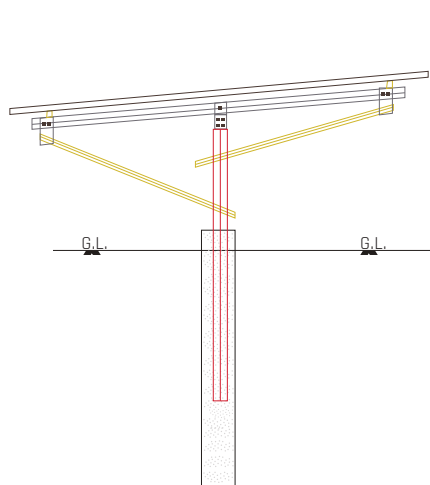
Fasteners based installation :

Screwless and tool free clipping.
Combined purpose of Fasteners & Grounding.
Half manpower required to perform the same job.

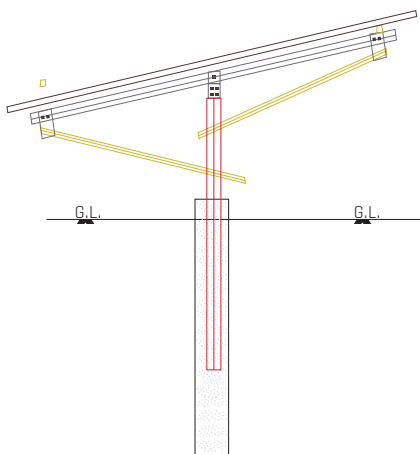


Seasonal Tilt installation :

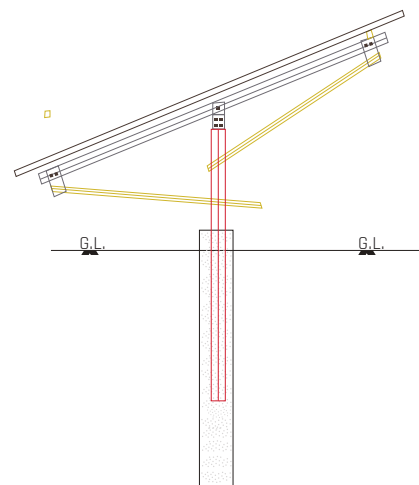
Easily adjustable tilt of 3 types as per geographical location.
Toplink type jack to change the tilt of the panels.
Increase in generation achieved to achieve generation targets easily.



5 Degree Seasonal Tilt



15 Degree Seasonal Tilt



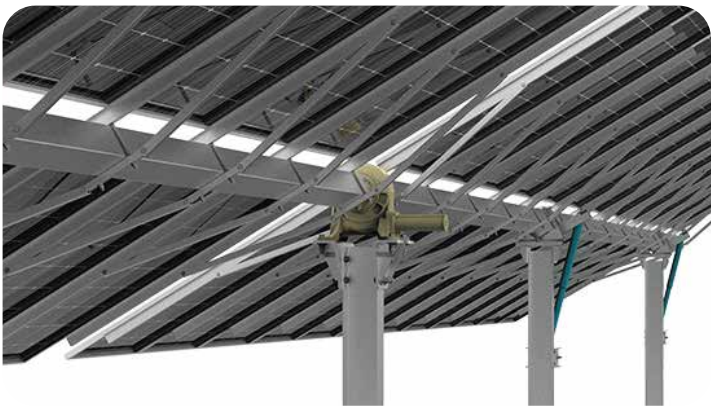
22 Degree Seasonal Tilt

Members :

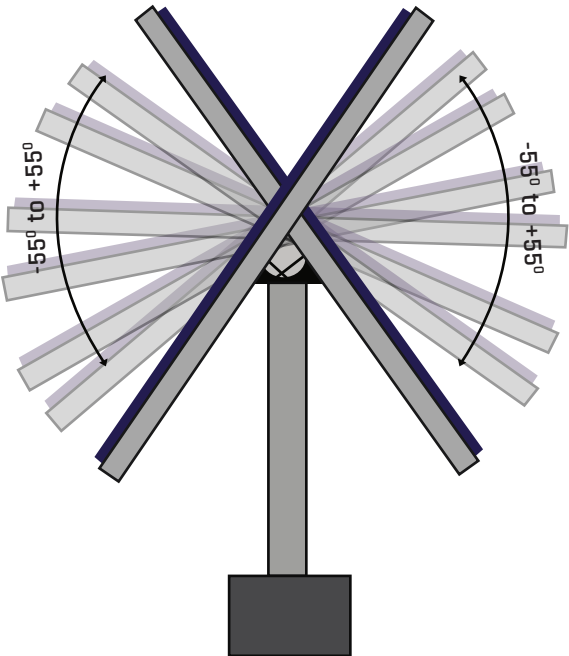
- Single Column Post (C channel)
Post Galvanised MS - from 80-120 Micron
Yield Strength 250-340 MPa
- Purlin (Z Channel)
Pre Galvanised 550GSM
Galvalume 150GSM, 550MPa
Post Galvanised - from 80 to 120 Micron
Yield Strength -250-340 Mpa
- Splice Plate, Support Plate, L bracket all to be
hot dip galvanized from 3mm to 4mm Thickness
- Rafter (C channel)
Post Galvanised MS - from 80-120 Micron
Yield Strength - 250-340 MPa
Front and Back Support (L Angle)
Post Galvanised MS - from 80-120 Micron



Auto Tilt Solar Mounting Structure



Tracking	: Horizontal Single-Axis Tracking East to West
Tracking Range	: -55 Degree to +55 Degree
Drive Type	: Slewing Drive with DC/AC Motor
Communication	: RS485
Power Supply	: 220V, 50Hz
Tracking Method	: Independent Row
Tracking Direction	: East-West
Foundation	: J Bolt Type
Temperature Range	: -20°C to +65°C
Module Operation	: 1 Portrait or 2 Landscape
Configuration	: 4 x 20 Panel for 1000V 3 x 26 Panel for 1500V
Modules	: Mono or Poly
Bearing	: Split Pillow Block Bearing (Maintenance
Warranty	: Structure 10 Years - Bearing 25 Years Motor 5 Years - Electronics 5 Years





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