



Factories & Offices

Rajkot (India)

Hadamtala Ind. Area, Survey No 89, B/h Ramdev Hotel,
N.H. - 27, Dist. Rajkot - 360311, Gujarat - India
Phone: +91 75750 49494 | Email: sales@sunchaser.in

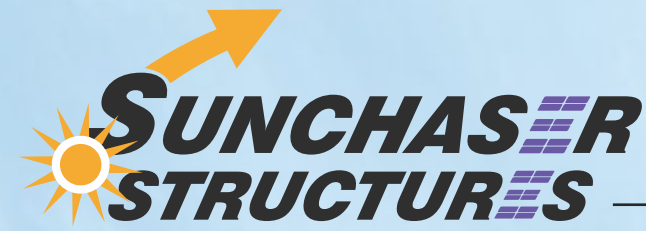
Munich (Germany)

Klosterwiese 15, 85764 Oberschleissheim, Germany.
Phone: +49 89 6930 4333 | Whatsapp: +49 179 7981942 | Email: chintan@sunchaser.in



Scan to watch
Corporate Film

1. Precision Machining | 2. Rust Preventive Coating | 3. Fabrication | 4. Fasteners & Stock | 5. Roll Forming | 6. Hot Dip Galvanization



www.sunchaser.in



Supplying Structures Deploying Trust

Single Axis Trackers | Seasonal / Fix Tilt MMS | OEM Supply

DayChase - Single Axis Tracker

RC1P & RC2P

Independent Row 1P / 2P - Multi Point Drive Tracker

After years of global OEM supply experience of key tracker parts & Design involvements, We are offering a well competitive, Maintenance free, Qualitative & sturdy trackers for small to large projects. Our indigenously manufactured each Tracker parts & control unit are made to compete the large international players in terms of reliability & after sales need.

Static Analysis

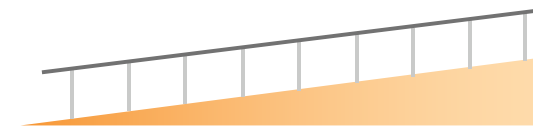
FEA & Staad analysis as per IS & ASTM code.
We also undertake joint analysis.

Dynamic Analysis

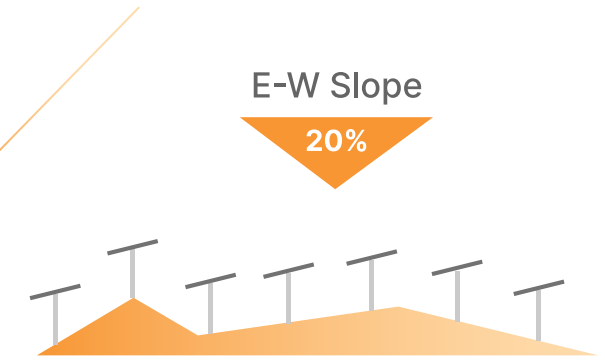
Aro-elastic wind instability analysis with CPP Wind - USA
Wind tunnel study to avoid safety factors.

Life Cycle Tests

Vigorously testing expected life, wear cycles, load capacity,
environment effects for drive parts.



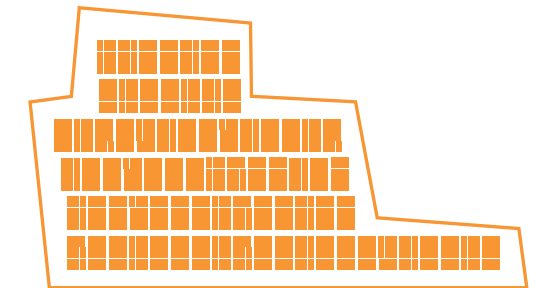
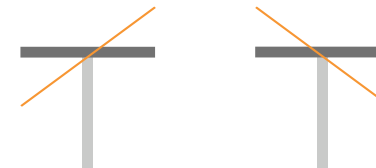
10%
N-S Slope



E-W Slope
20%

Tilt Angles

+60° to -60°
+50° to -50°



Variable Table Length
30 upto 150 PV Modules



Drive Actuators



Taper Thrust Bearings



Seals to Confirm IP65



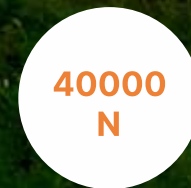
Marine Grade Bronze Nut



Hardened Gears



Self Locking Thread



Tensile Load Capacity



Years of Service Life



Years Without Re-lubrication

Controller Electronics



Closed Loop System



High Uptime Guarantee



Easy Maintenance



LoRA / Zigbee



Cloud Mode

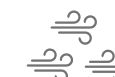


0° Stow Safe Position

Smart Sensors



Wind speed



Wind Pressure

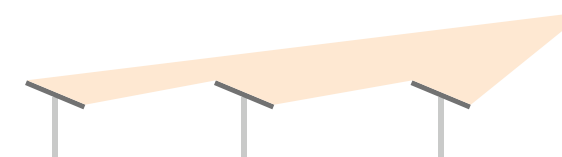


Sun Irradiation

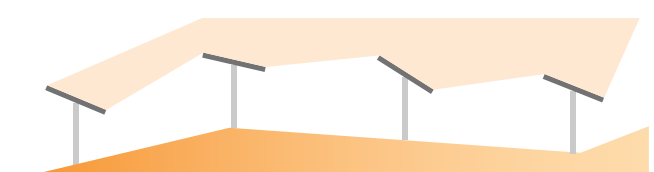


Over Drive

True Backtracking



AI Tracking



Project Management



Layout & Design

Layout service
Pitch distance guidance
Pile depth guidance
Efficiency guidance
Corrosion protection



Supply

Transport Arrangements
Supply co-ordination
Just in time supply



Installation Aid

Installation schooling
Post alignments
Pre-assembly of parts
Electronic calibration
Pre-run of the plant



Maintenance

Schooling for O&M
Preventive maintenance
Suggestion for spares
Repair maintenance
Spares supply
Update / Upgradation

Supply & Installation aids

Head bearing Unit	Pre-assembled & Tested
Drive actuator Unit	Pre-assembled & Tested
Drive tube support bearings	Pre-assembled
On site Work	No cutting, No Welding, easy on-site installation
Control Unit	Pre-Programmed for each row & site; On site calibration

Drive Parts Warranty

15 Years

Controller Warranty

5 Years

Structural Warranty

15 Years

Corrosion Warranty

15 Years

Drive Parts Maintenance

Lubrication of
actuators & gearboxes

Every 5 Years

Spare Supply Guarranty

25 Years





Seasonal Chase

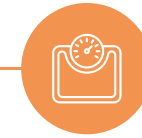
SC2P30 | SC1P17 | SC2P14 | SC2P28

Structure with Seasonal Tilt possibility

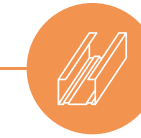
With integrated manufacturing & expert design team we are a well competitive, Qualitative & reliable single source structure / MMS supplier for ground mount small to big size PV projects. Though capability to handle your custom requirements, our quick delivery time makes us unique global structure supplier.

GENERAL SPECIFICATION & CUSTOMIZATIONS

Type of Structure	Fix / Seasonal Tilt & Seasonal Tracker
Type PV Modules	335W 450W 530W 545W 645W Poly / Mon PERC / Bi-Facial
Tilt angles	 5° 15° 20° 25° 35°
Table Length	Flexible Modular design based on string size
Max. Wind speed	 39m/s (140 km/hr)   50m/s (180/km/hr)
Corrosively Specification	C2 / C3 / C4 / C5 – as per ISO 12944
Seasonal Tracker Drive	Manual Actuators
Software used	Ansys Mechanical (FEA) & Staad pro
Regulations	IS800 / IS801, IS875-III or ASCE7-10
Practical tests carried	<ul style="list-style-type: none"> - Post pull-out tests - Purlin & Rafter deflection tests
Structure Material	Galvalume / Posmac / HDG



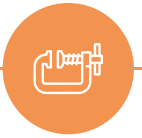
Conservative
Weight Optimization



Multi-Fold
Large Size Profiles



Self Locking
8.8 Grade Fasteners



Bolt / Clamped
Module Fitting



Structural Warranty

15 Years

Corrosion Warranty

15 Years

Tilt Change

Quick & Safe