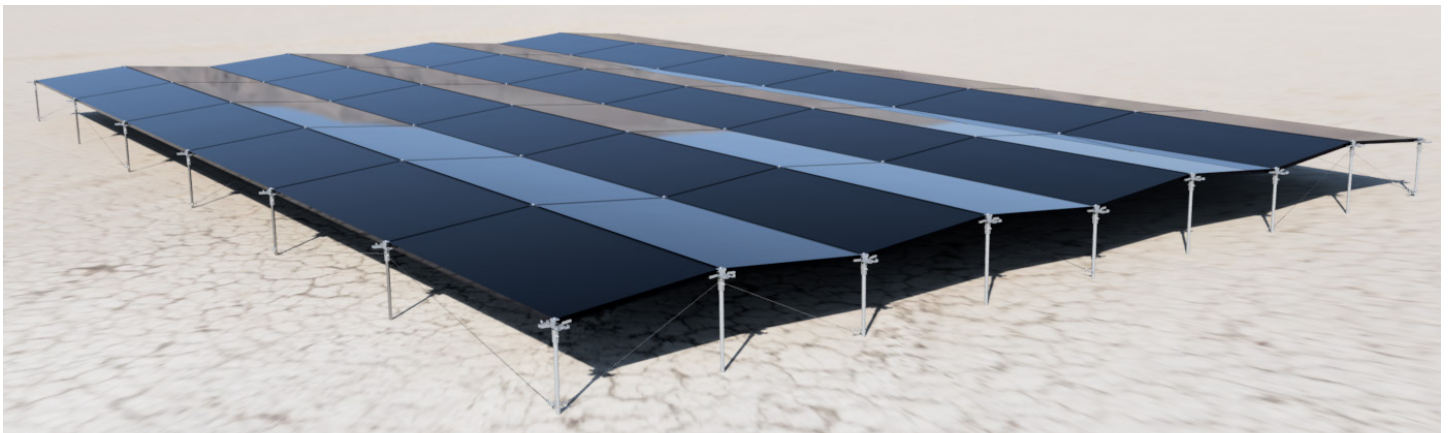


TECHNICAL DATASHEET

MaxDensity™ East West System

LOWEST COST FIXED TILT STRUCTURE IN THE SOLAR INDUSTRY

Maximize Module Density and Energy Output with up to 98% Ground Coverage Ratio



FEATURES

- Up to 98% ground coverage ratio.
- No pile drivers needed.
- Posts install with hammer drill.
- System is rated for 145 mph wind / 15 psf snow.
- 5° or 10° East West landscape configuration.
- Supports all commercially available framed modules.

EASY & FAST INSTALL WITH GREAT ADJUSTABILITY

- Simple fast install: drive posts, attach brackets, attach modules
SpeedJig™ allows for posts to be installed by two workers with no more site layout than stringing or need of each large array block.
- 3" vertical adjustability is standard.
- May be installed in blocks up to 7 MW - (4 strings, or 120 modules x 100 modules = 12000 modules, or smaller as needed.)
- Complete install rate including moving materials from staging area: 0.1295 worker hours per module equivalent.
- Complete install rate including moving materials from staging area with 20 workers: 3.367 MW per week.

TURBOCLAMPS™

- Increases panel install speed by 400%.
- 400 modules per worker day versus 100 with nuts and bolts versus industry's typical fixed tilt systems.

PULL TEST & GEOTECH

- Vertical and lateral capacity of the post is determined by pull test.
- Test data is then analyzed by our in-house engineering team in parallel with geotechnical report to identify the most efficient embedment depths, spans and post type.
- System is optimal for homogenous soil.

ENGINEERING & CALCULATIONS

- Full layout and engineering analysis for every project.
- PE Stamped Drawings - Design loads according to local building codes: ASCE 7, NBC, Eurocode, AS1170, IS875, and SANS10160.
- 100% code compliant designs for any locality.
- Patent pending proprietary design.

MATERIAL

- Brackets and TurboClamps™ - Stainless or HDG.
- Post - G180/ZnAlMg ZMM350/HDG (2mil min, galvanized after fabrication).
- Hardware - Magni 565, stainless, or HDG.

HEADQUARTERS

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