



ALL TERRAIN TRACKER

BECAUSE THE WORLD IS NOT FLAT

Nevados is the premier solar tracker company for PV power plants built on sloped and rolling terrain. We offer innovative all-terrain trackers paired with a comprehensive software suite in an integrated technology platform that optimizes solar performance, improves plant reliability and respects the natural landscape.

SLOPE CHANGE AT EVERY PILE

BEARING TYPE	SLOPE CHANGE (%)
Straight-Through	± 4.4
Articulating	± 26

1 FOLLOW THE LAND

- Industry's first and most capable terrain following tracker
- Eliminates civil grading & eases permitting
- Reduced pile length saves steel

3 MANAGE EXTREME WEATHER RISK

- Extensive wind tunnel studies on variable terrain
- 75° hail stow
- Integrated friction dampers for unparalleled wind performance

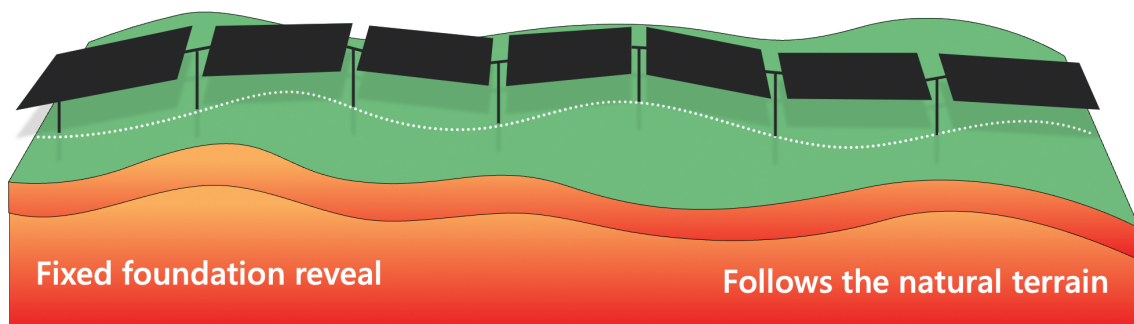
2 INCREASE SITE OPTIONS

- Convert sites from fixed tilt to tracker
- Revisit sites previously disqualified due to grading
- Build on sites with differential settlement risk
- Fastest installation, zero custom tools or jigs

4 OPTIMIZE SITE DESIGN AND PERFORMANCE

- Proprietary TRACE Terrain-Aware Backtracking schedules for zero shading & increased energy yield
- Unique software for site design optimization
- Off-azimuth, variable GCR, variable tilt schedules

Nevados All Terrain Tracker (ATT)



ROW CONFIGURATION	<ul style="list-style-type: none"> • Up to 96 modules per row • 5 to 8 modules per bay
TRACKING ANGLE CAPABILITIES	<ul style="list-style-type: none"> • $\pm 60^\circ$ tracking expandable to $\pm 75^\circ$ tracking • Single row actuation with 24VDC slew drive
TERRAIN FOLLOWING	<ul style="list-style-type: none"> • Straight Through bearing: $\pm 3.5\%$ slope change at each foundation • Articulating bearing: $\pm 26\%$ slope change at each foundation • 37% max N-S and E-W slope
FOUNDATION	<ul style="list-style-type: none"> • I-Beam or ground screw foundations installed at consistent reveal throughout site
GROUND COVERAGE RATIO	<ul style="list-style-type: none"> • Configurable, typically greater than or equal to 28%
DESIGN LOADS	<ul style="list-style-type: none"> • Designed to applicable ASCE • Configurable to any wind speeds • Configurable to 50+ PSF snow load • Loads studied in wind tunnels for variable terrain; no external dampers required for wind dynamics
INCLUDED SERVICES	<ul style="list-style-type: none"> • Preliminary layouts and site design optimization • Structural calculations, IFC package and foundation design • TRACE Terrain-Aware Backtracking or True Tracking
OPERATING TEMPERATURE	<ul style="list-style-type: none"> • $-20^\circ\text{C} - 55^\circ\text{C}$
MODULE CONNECTION/GROUNDING:	<ul style="list-style-type: none"> • Self-grounding module brackets • UL2703 and UL3703
TOLERANCES	<ul style="list-style-type: none"> • Reveal height: +4" / -0", N-S: $\pm 1.5"$ (expandable), 2° vertical plumb, 9° twist • Flat-land: $\pm 12"$ vertical & E-W at each pile, may change based on neighboring foundations
CONTROLS	<ul style="list-style-type: none"> • Web-based dashboard for monitoring & operation with row-level control • SCADA integration via Modbus TCP/IP for monitoring & operation with row-level control • Wireless, self-powered row controllers and weather stations • AC-powered Zone Controllers
WARRANTY	<ul style="list-style-type: none"> • 10-year structural, 5-year drive & controls warranty