

1 ton solar actuators and motorized jacks, 5 ton solar tracking jacks and actuators, 10 ton solar tracking drive jacks, 20 ton solar tracking drive actuators for solar panel tracker system in canada



1 ton solar actuators and motorized jacks, 5 ton solar tracking jacks and actuators, 10 ton solar tracking drive jacks, 20 ton solar tracking drive actuators For Sun Tracking Solar Panel System, which is the perfect solutions for solar tracking system requires withstanding wind force and weather, self locking fuction, precision positioning, maintenance free, long service life. Notes, when electric ball screw jack, must be equipped with brake motor or other lock mechanism.

**Sun Tracking Solar Panel System Important Component:**

1. Self-locking worm gear screw jack actuators lift mechanism with motor flange adapter.
2. DC 24V gear reduction motor, customized AC gear motor, worm gear reducer, helical bevel gear reducer or other gear reduction mechanism.
3. Limit switches or travel limiter for control full extend and retract travel stroke, which installed on steel protective pipe cover.
4. Steel protective pipe cover for anti-rust and anti-dust under worm gear screw jack base, when full retract stroke.
5. Bellows boots or rubber bellows for anti-rust and anti-dust upper worm gear screw jack base, when full extend stroke.
6. Swivel plate, swivel trunnion mounting base, pivoting frame for tracking sun of pivot solar panel with other loads.

**Sun Tracking Solar Panel System Other Features:**

1. Upright type installation, compression load and tension load.
2. Translating screw with female thread cylinder rod clevis end.

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3. Anti-rotation keyed screw with male thread end matching female ball joint rod end bearing.
4. Worm gear screw jack actuators lift mechanism with low speed gear ratio matching gear reduction mechanism.
5. Total jack lifting screw length = required stroke + bellows full retract length + jack housing height + screw top end length + swivel plate or swivel trunnion mounting base height.
6. Lifting speed about 100 mm/min to 300 mm/min, it depends on customers requirements.







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**Other Products Includes:** JT Acme Screw Jack, JTC Cubic Screw Jack, JTW Worm Screw Jack, JTM Machine Screw Jack, JTB Ball Screw Jack, JTS Bevel Gear Jack, JT Series T Type Spiral Bevel Gear Boxes, JTP Series Cubic Spiral Bevel Gear Boxes, JTV Series Cubic Spiral Bevel Gear Boxes, JTA Series Lightweight Aluminum Spiral Bevel Gear Boxes, Multiple Screw Jack System Arrangements, Cast Iron Hand Wheel, Aluminum Hand Crank, Flexible Jaw Coupling, Electric Motor, Worm Gear Speed Reducer, Geared Motor, Digital Position Indicator, Pillow Block Bearing, Ball Joint Rod End Bearing, Bellows Boot, Linking Bar, Limit Switches, Swivel Mounting Plate, Pivoting Mounting Base, Planetary Speed Reducer, Hydraulic Cylinder Rod End Bearing, Frequency Inverter, 24V DC Motor, 12V DC Motor, 36V DC Motor, 48V DC Motor, 24V DC Motor Gear Reducer, 12V DC Motor Gear Reduction, 36V DC Gear Motor, 48V DC Gear Reduction Motor etc.

