

20 Ton Acme Nut Screw Jacks For Silo Bolted Silo Bolted Storage Tanks Lifting

20 ton acme nut screw jacks are application in synchronized lifting storage bolted tank, such as big gas, oil chemicals, water, pellets, cereals, biogas, liquid manure, silo, round reservoirs, caisson, crop storage bolted tanks. Compared with hydraulic lifting system, worm gear screw jacks have self-locking feature without brake or locking mechanism, precisely positioning, full synchronization, motor driven, easy installation and operation, maintenance free.



Each screw jack which support 2.5 ton load panels, travel stroke 1500mm, 20pcs worm gear screw jacks, low lifting speed, silo storage bolted tank application, outdoor ambient.

20pcs worm gear screw jacks and 1pc gear reducer, upright type worm gear screw jacks model JT-20T-UR-2000-L-III-C-N, lifting screw diameter 64mm, pitch 10mm, 20ton load capacity, upright mounted, loads beams attached traveling nut type rotating screw moving, exact 1500mm stroke (except double bellows boots full retract length), low worm gear ratio 40:1, plain end fitting, double input shaft worm, universal joint connecting, lifting speed about 75mm/min, input worm shaft 300rpm, gear reducer power required about 4kw.

How to bolted flat panel tank is built?

1. Erection begins with the “starter” or anchor ring that is anchored to the foundation. Next, the tank jacks are put into position and secured in place.
2. Note the jacks being anchored to the slab as well as the “starter” ring attached to the anchor bolts.
3. The tank erection begins with the upper most top ring and then the roof is assembled in place at ground level.
4. Sidewall sheets are added from the ground level until the ring is complete. Then the ring is raised with the jacks and the next ring down is added and so on.
5. Sidewall sheets are added in a counter-clockwise direction one panel at a time, sealed and bolted.

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6. Once the ring is complete, the tank is lifted to allow the installation of the next ring.
7. At any time the tank can be lowered and attached to the “starter” ring to allow anchorage for leaving the tank overnight, over the weekend or in the event of sudden increase of wind or a storm.
8. Getting another panel moved into position to finish the last ring of the towering storage tank.







JACTON 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.

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