



TITANTM

TECHNOLOGIES INTERNATIONAL, INC.

SUPERIOR BOLTING SOLUTIONSTM



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at booth # 3150

TitanTM Wind Turbine Hydraulic Bolt Tensioners

TITANTM Hydraulic Bolt Tensioning tools provide a quick, simple, accurate and reliable solution for tightening critical bolted joints on today's modern wind turbine, tower erection and maintenance applications. Standard & special designs are available to suit each particular bolting operation. These include:

- **Blade Bolting**
- **Bearing to Hub Bolting**
- **Tower Bolting**
- **Foundation Bolting**
- **Nacelle Frame Bolting**
- **Hub to Spindle Bolting**

Finite Element Analysis, 3D solid modeling, combined with extensive testing and an engineering staff with hundreds of years of combined experience in hydraulic bolting enables **TITANTM** to provide advanced state-of-the-art tensioning solutions giving SUPERIOR performance and reliability.



- Optimal size, weight and load capacity for ease of use
- Durable - Minimum 10,000 pressure cycles on all designs
- CE marked. Conforms to International standards.
- COMPREHENSIVE Health and Safety operations and maintenance manuals
- SAFE and ideal – for use in confined spaces
- LOWER total cost of ownership
- FAST and easy to use
- Pressure TESTED and CERTIFIED
- STANDARD & CUSTOM Tooling available
- Highly visible MAXIMUM STROKE INDICATOR
- CAPTIVE SOCKET and Quick Release Bridge OPTIONS
- Optional ROBUST GEAR DRIVE for fast nut run down
- Optional STUD PULLER ROTATOR
- ELECTRIC TENSIONER PUMPS, plus a full range of 1500 bar and flexible hoses and fittings

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