



# TITAN

TECHNOLOGIES INTERNATIONAL, INC.

SUPERIOR BOLTING SOLUTIONS™



Visit us  
at booth # 3150

## Titan™ Wind Turbine Hydraulic Bolt Tensioners

**TITAN™** 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 **TITAN™** 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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