



## CASE STUDY | HET

### Rotating Equipment Casing: Centrifugal Compressor Casing Closure

#### PROVIDING

- Elimination of galled threads
- Uniform and repeatable loading
  - Shorter turnarounds
- Reduced acceptance test periods

#### APPLICATIONS & FEATURES

- Standard tensioning solution for exposed threads above exiting hex nuts
- Modular design – common load cell with interchangeable puller screws available in any size thread and pitch
- Thread sizes  $\frac{3}{4}$ " to 4" for loads up to 615,000 lb
- Simultaneous tensioning as any number of tensioners can be linked together



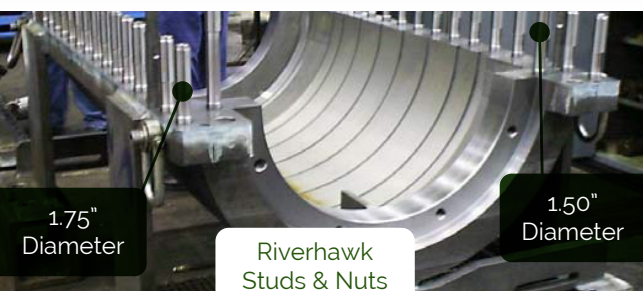
HYDRAULIC EXTERNAL TENSIONER (HET)

#### PROBLEM

1. Non-uniform load distribution between casing halves with traditional torquing methods and multi-jackbolt torque nuts
2. Resulting leak paths and sub-marginal acceptance tests
3. Extended delivery and commissioning times due to numerous adjustments required to achieve clamping uniformity

#### SOLUTION

1. Uniform and repeatable clamping pressure
2. Trouble-free acceptance testing as leak paths are eliminated
3. On-time delivery and start-up



**Contact Us**  
215 Clinton Road  
New Hartford, New York 13413

Phone: (315) 768-4855  
Fax: (315) 768-4941  
Email: [info@riverhawk.com](mailto:info@riverhawk.com)