

Enerpac Hydraulic Square Drive and Low Profile Hexagon Torque Wrenches

Issue: Manual methods to tighten bolts in pipeline and oil and gas applications are time consuming and unreliable. Enerpac offers hydraulic torque wrenches to do the job more efficiently and accurately than alternative manual methods.

Application: Any two components held together using a fastener in industries such as: petrochemical, oil and gas, steel mills, heavy manufacturing, mining, power generation, shipbuilding, chemical, railroad, wind, pulp and paper, etc.

Recommendation: Grainger offers Enerpac hydraulic torque wrenches in a variety of sizes to serve the oil and gas and petrochemical markets needs for fast and accurate tools to complete the job.

Product Features & Benefits:

ENERPAC 
POWERFUL SOLUTIONS. GLOBAL FORCE.

For more information about Enerpac products, contact your Grainger Representative, Local branch, or go online to Grainger.com to place your order and see Enerpac's complete line of high-force hydraulic solutions.

HYDRAULIC TORQUE WRENCHES:

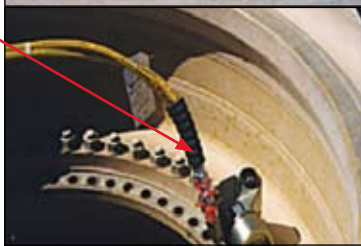
- **Square Drive Hydraulic Torque Wrenches**
(GRAINGER SKU #'s 3PCY1, 3PCY2, 3PCY3, 3PCY4, 3TNY8)
 - High strength, unibody construction.
 - Provide 500 to 25,000 ft. lbs. of force.
 - Fast operation.
 - A large range of sizes to meet the needs of a variety of applications.
 - Nickel plated for durability in extreme environments.
- **-Low Profile Hexagon Hydraulic Torque Wrenches**
(GRAINGER SKU #'s 3PCZ3, 3PCZ8, 3PDA6, 3PDC2)
 - Durable, yet compact design. The drive unit couples with a variety of cassettes for versatility (a broad range of these cassettes is available through the Grainger catalog).
 - Provide 500 to 15,000 ft. lbs. of force.
 - Fast operation.
 - Ultra slim design to fit into low clearance areas.
 - Nickel plated for durability in extreme environments.

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Instead of this...

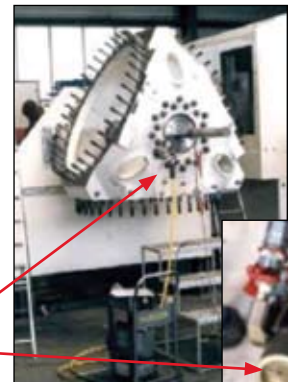


TRY THIS...



Bolt connections on windmill turbine heads can number over 250!

Hydraulic torque wrenches are the quick and safe way to tighten these connections



The **WRONG** Way (Uncontrolled Tightening):

- Uncalibrated Equipment
- No Control
- No Procedure
- No Competency
- No Safety
- No Quality
- No Accuracy
- No Traceability

(In the photo at left, a sledgehammer is being used to strike a tool that tightens the fastener little by little to varying degrees)



The **RIGHT** Way (Controlled Tightening):

- Training
- Calculated Result
- Preparation
- Verified Result
- Procedure