



**CHRISTIE**  
TOTAL TORQUE SOLUTIONS

## **W.Christie - Special Projects**

### **We don't just do Standard Torque Tooling**

The **NEW Special Project Section** of our website features a range of bespoke torque tooling & equipment, adapted, engineered and built by W.Christie to meet the needs of specific bolting applications across a whole spectrum of industry. Our customer industries include Manufacturing, Petrochemical & Chemical, Power Generation, Transport, Utilities, Oil & Gas, Subsea, and Construction. The featured special projects represent just a small sample of the bespoke tooling developed by W.Christie to help customers overcome their bolting problems through our **Total Torque Solutions**.

'New' special projects will be added to this section as they arise, giving an even greater perspective of our capabilities.

**The next one could be relevant to you!**

**Why not put a shortcut on your desktop?**



**Want to know more?**

**Visit [http://www.wchristie.com/special\\_projects.php](http://www.wchristie.com/special_projects.php)**



## **W.Christie - Special Projects**

### **We don't just do Standard Torque Tooling**

#### **Benefits of our bespoke torque tools**

- Ensures specific bolt tightening & un-tightening applications are completed in the safest possible way. Also minimises Hand Arm Vibration - HAV & noise problems
- Provides the most efficient and effective methods of bolting, saving time and money
- Minimises problems associated with difficult access; our torque tooling is designed to overcome this wherever possible
- Fully engineered for maximum durability and strength, giving longer product life.....an investment built to last
- Reduces manpower requirements
- Minimises operator handling where appropriate
- Choice of power supply (electric, hydraulic, pneumatic)
- Meeting the need for portability

#### **Examples of bolting situations which benefit from Christie bespoke torque tooling**

- Inaccessible fasteners
- Recessed fasteners
- Damaged and corroded bolts and threads
- Extra long threaded studs
- Where availability of reaction points is an issue
- Difficult operating conditions (e.g. subsea, offshore)
- Multiple bolt applications
- The need for accuracy and speed
- When the size of a bolt is a problem
- If the situation demands remote operation of tooling

Each application is assessed by our team of engineers, who will determine the most appropriate approach to solving *your* bolting 'problem'.

***“When standard torque tooling just won't do”***

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