

# Jupiter Torque Tool Class 5



The Jupiter Subsea Intelligent Torque Tool - Class 5 Rotary Docking interfaces with subsea production systems, including project specific interfaces with different end effector sockets and is capable of producing torque up to 6 780N·m (5000lbf-ft).

The tool comprises a hydraulic motor, planetary gear box and removable end effectors. In addition the tool provides torque feedback, output turns count, optional docking latches and a visual indication of motor turns.

## Specifications

<b>Product</b>	Jupiter Torque Tool Class 5 (API 17D) Hydraulic Torque Tool
<b>Country of origin</b>	UK
<b>Manufacturer</b>	Zetechnics Ltd

The tool is designed to allow seamless integration with Zetechtics manufactured Jupiter Subsea Control Systems, however the tool is capable of operating with other systems with suitable hydraulic and electrical interfaces.

When used with a Jupiter 2 Subsea Control System, with the correct software version and configuration, it is possible to determine direction of rotation from the internal quadrature sensors. This is encoded on the single turns count output using Zetechtics' proprietary turns count electrical interface.

## Specifications

<b>Maximum Working Depth</b>	3000 meter
<b>Maximum working speed</b>	5RPM (Recommended)
<b>Maximum working torque</b>	6 780N·m (5 000lbf-ft)
<b>Dimensions</b>	568 x 296 x 270mm
<b>Weight</b>	85.5kg (188.5lbs) (inc. hydraulic fittings and comp oil)
<b>Material</b>	316 Stainless steel with steel motor

## Features & Benefits

- Standard Interface: Class 5 rotary docking interfaces to BS EN ISO 13628-8:2006 with socket to suit 50.8mm (2") square stem
- Modified client specific interfaces available
- Provides torque feedback, output turns count, optional docking latches and a visual indication of motor turns
- For technical specification and correct operational procedures, please refer to manual
- Seamless integration with Zetechtics manufactured Jupiter Subsea Control Systems
- Capable of operating with other systems with suitable hydraulic and electrical interfaces
- Maximum Working Torque: 6,780N·m (5,000lbf-ft)
- Maximum Working Speed: 5 RPMs
- Hydraulic: Max. Motor Supply: 160 Bar (2320 PSI) (Recommended)

