

# Torque Tool

## Class 1-4 Smart Socket



The ToolTec Rotary Torque Tool is designed to operate Rotary Torque Interfaces as described in ISO-13628-8 Fig 18 (also commonly known as API 17D Class 1-4). This hydraulically powered Torque Tool is designed to comply with the various Classes from 1-4 of Torque Receptacles and End Effectors as quoted in the standard (ISO 13628-8 Tables 3 & 4). The tool provides the user with real-time torque feedback, turns count and tool rotational direction. Hydraulic latches allow the tool to be locked into the ISO 13628-8 Fig 18 (API 17D) receptacle.

### Specifications

Weight in air	46kg
Weight in water	37kg
Size	615 x 453 x 262mm
Depth rating	3000msw
Latch Pull load	700kg
Low Torque	50Nm-540Nm
High Torque	230Nm-2711Nm
Straing Gauge and Turns	8 Pin subconn micro
Pressure	Max 207 bar Latches
Max continues pressure motor	175 bar

Temperature

0-60 degrees Celsius

Hydraulic oil

Tellus 22 or equivalent

**ISO 13628-8 Fig 18 (API 17D)**

Max. rated torque - Class 1	67Nm
Max. rated torque - Class 2	271Nm
Max. rated torque - Class 3	1355Nm
Max. rated torque - Class 4	2711Nm