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TOUGH. TESTED. RELIABLE.

## TTS WIRELESS TORQUE SUB



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# TTS

## WIRELESS TORQUE SUB

From the leading producer of wireless torque & tension sub (TTS) technology, with units operating worldwide and in service since 2006, McCoy Global is introducing the enhanced torque & tension sub with integrated turns to support torque-turn control for connection make-up using top drive casing running tools. No other supplier has the experience and number of systems operating as McCoy Global.



### BENEFITS

- Higher Accuracy- Measured Torque vs. Derived Torque.
- No Cable runs or Encoder Rig-up - Reducing flat time between drilling and casing running.
- Less Kit - Reduced rig-up time/sub and laptop with USB receiver are all that is required.
- Data Formatted - To integrate with your torque/turn software or a turnkey solution can be provided through our WINCATT® system.
- Existing TTS Subs - can be upgraded to include enhanced integrated turns.
- TTS works - with all Top Drive Casing Running Tools.

### SPECIFICATIONS

Size	4-1/2" IF NC50	6-5/8" REG	6-5/8" REG
Thread Orientation	Pin Up / Box Down or Box up / Pin Down		
Torque	40K ft.-lbs	50K ft.-lbs	85K ft.-lbs
Hook Load	350T	500T	690T
Torque/Tension Accuracy	±1% of Full Scale		
Turns Resolution	1,000 Samples Per Revolution		
Temperature Range	-40°C to 65°C (149°F)		
Battery Life	480 hours at 25°C (77°F) (Approx. 20% lower at 0°C(32°F))		
Wireless Transmission	2.4 GHz, Direct Sequence Spread Spectrum Line of Sight Range 150 ft. Typical Use		
Enclosure Rating	Type 4X, Watertight		
Hazardous Area Classification	North America: Class 1, Division 1, Groups C & D, T4 ATEX: Zone 1, IIB, T4		
Design	Designed to API 8C		
Weight (Approx.)	184 lbs	238 lbs	238 lbs
Length	Connection size and length manufactured to specifications		

