Dril-Tek Casing while Drilling CRT System

The Dril-Tek CwD CRT system is a Casing Running Tool designed to be installed on almost any Top Drive system. With integrated link tilt system, incorporating adjustable bails and a unique gripping roller system, the Dril-Tek System delivers all the advantages of Top Drive System to casing running and drilling operations. Replacing power tongs, stabbers and conventional elevators, the Dril-Tek also allows simultaneous rotation, reciprocation and circulation of the tubular into problematic & troublesome wellbores.

Features and Benefits:

- Design Standard API 8C
- No Personel in Red-Zone
- No Hands on Load
- Wireless control allows improved communication
- Torque, Turn & Time capability with Sub-Tek & Torq-Tek
- One Actuator for all sizes
- Drillability evaluation and Torque and Drag Software modelling
- Gripping mandrel can be changed out on site

- Safety interlock with FMS prevents dropped casing
- With Fill Up & Circulate sub, this allows for simultaneous fill up and circulation
- Reduced trip related wellbore instability, reducing surge and swab concerns
- Time savings on critical path operations and reduced costs in drilling mud
- Full offering of hardware including Casing While Drilling Bits, Reamer Shoes and CwD Centralizers
- Push down & rotate through tight spots with casing

Applications:

The Dril-Tek CRT is designed for use in casing running and casing drilling operations where higher connection makeup torques and drilling speeds are required.

General Specifications	
Hoist Load Capacity	500 Ton
Casing Range	4-1/2" - 30"
Torque Capacity	80,000 Ft-Lbs. (Output torque varies by casing size)
Recommended Operating Pressure	1,250 psi (3,000 psi maximum rate)
Maximum Rotational Speed	150 rpm continuous (200 intermittently)
Top Connection	6-5/8" Reg DS Box
Completed with:	☑ 4-1/2" up to 24" Gripping Mandrel
	☑ Flush Mounted Spider
	☑ Integrated Link Tilt System
	☑ Fill & Circulate Compact Sub
	☑ Wireless Torque Sub & Torq-Tek Computer
	☑ Wireless Remote Operated Control Console

Energy. Well engineered.

Find out more at **parkerwellbore.com**

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