

Casing Running System

Casing Running System, based upon Top Drive Drilling System, and is hydraulic and mechanical equipment for casing running. It takes advantages of Top Drive drilling in the casing running operation. Replacing conventional tools such as the hydraulic power tongs, it allows simultaneous rotation, reciprocation and circulation of casing string at any time, which greatly decreases the chance of getting casing into troublesome well bores. In addition, the driller can easily control the casing running operation. Compared with the traditional techniques of the casing running, crew involved in it is dramatically reduced. It characters safety, efficiency and economy.

Product Features:

- Hydraulic activated open/close;
- A versatile self-sealing cup or energized packer;
- Universal fit to all Top Drive, available to a wide range of casing sizes;
- Usage of the link for lifting assures high safety of casing running;
- The makeup torque can be precisely controlled and recorded automatically, which insures the quality of casing running.

Product Specifications:

Item		Specification				
Model		XTG127	XTG178	XTG244	XTG340	XTG508
Adapted casing	inch	4 1/2-5 1/2	7	9 5/8	13 3/8	20
I.D.	inch	1 1/2	2 1/4	3	3	3
Max. axial load	ton(s)	350	350	500	500	500
Max. torsion load	ft-lb	36,800	36,800	36,800	36,800	36,800
Connection*	API	4 1/2 IF	6 5/8 REG			
Max. sealing pressure	psi	5,000-10,000				
Hydraulic source	psi	2,285				
Height	inch	100				

*The thread can be tailor made by request.

