



## 250 HXI 700 Top Drive

BULLETIN 20550e



### The 250 ton, Model HXI 700HP Top Drive is a Full-Featured Hydraulic Top Drive for Most Mast Applications

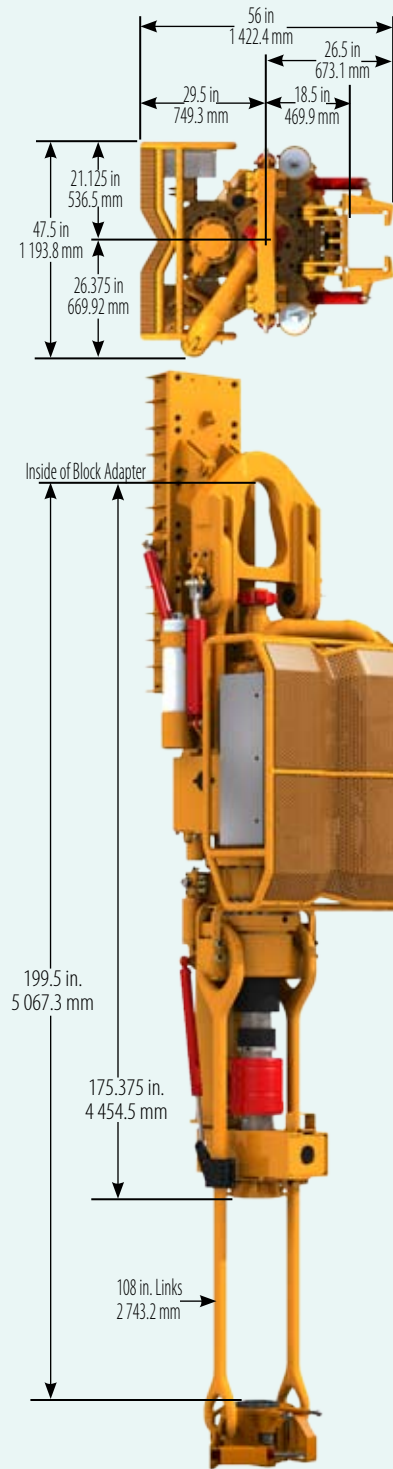
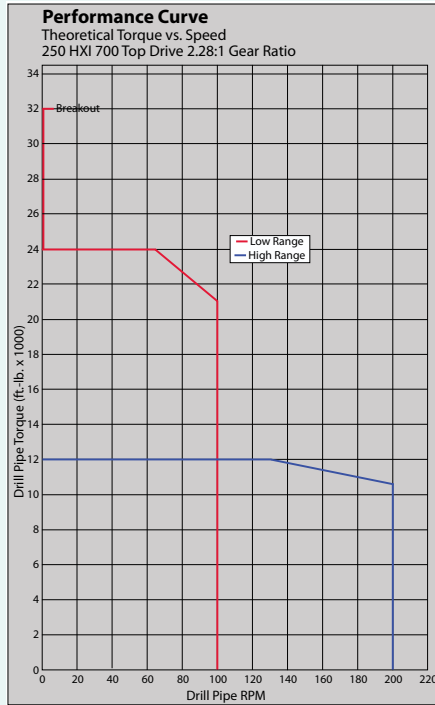
**T**he 250 HXI 700 top drive system is the most versatile offering in TESCO's Hydraulic top drive line and is designed for use on offshore and land based drilling rigs.

The 250 HXI 700 provides the performance and pipe handling features required for drilling and workover applications.

#### Value Added Operational Benefits

- The complete system including the top drive, torque system, and complete with HPU that can be installed in less than one day. Minimal rig modifications are necessary.
- The 250 HXI 700 offers all critical pipe-handling functions including elevator link-tilt, 1 372 mm (54 in.) extend/retract (for making mousehole connections), and 360° pipe handler rotation. The grabber will accommodate tool joints from 76.2 mm (3 in.) to 2 22.25 mm (8 3/4 in.) OD.
- The 250 HXI 700 top drive's unique design integrates the swivel, gearbox and PH. Spool resulting in a very compact unit but maintains the serviceability expected from a TESCO top drive.
- The 250 HXI 700 system incorporates programmable logic control. PLC ensures flawless communication between the driller's panel and the drive system. The PLC system optimizes efficiency and provides important safety interlocks.

- The 250 HXI 700 package includes a customizable torque arrest system. The track/torque bushing configuration is simple to install and requires minimal maintenance. A mud saver/safety valve is incorporated into the system design.
- The entire 250 HXI 700 top drive can be transported in three standard 6.096 m (20 ft.) sea containers and the top drive may be transportable in the mast for quick rig up.



**Specifications**

250TON HXI 700HP (with a 250 ton integrated swivel)	Imperial	Metric
Rated Capacity	250 ton	227 tonne
Rated Input Power	700 HP	522 kW
Estimated Weight	16,000 lbs.	7 257.5 kg
Operating Length (including 9 ft. links & elevators)	199.5 in.	5 067.3 mm
Width	47.5 in.	1 206.5 mm
Max. Continuous Drill Torque	24,000 ft.-lb.	3 252 daN-m
Make-up / Breakout Torque	32,000 ft.-lb.	4 336 daN-m
Max Speed	200 RPM	200 RPM
Quill ID	2.5 in.	63.5 mm
Quill Connection	NC 50	

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