

Top Drive

TD-500-XT

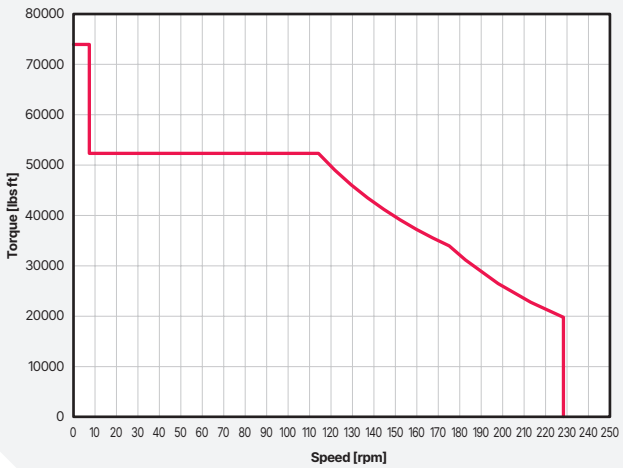
Key features

- 1,140 hp single motor
- 500 ton API-8C
- 52,000 ft-lbs cont. torque @ 115 rpm
- 73,760 ft-lbs make & break torque
- Temperature range -45°C / +55°C
- Lowest noise emissions
- Available drilling enhancement software: Soft Torque Systems; Remote Access

Benefits

- ✓ **Flexible design. The TD-500-XT can be used as portable or fixed installation**
- ✓ **Various carriage solutions available to meet any mast configuration**
- ✓ **Fully retrofittable into existing rigs**

Performance curve TD-500-XT @ 55°C ambient



Specifications

Hoisting and rotating	500 ton	454 t
Drilling motor	AC-induction motor	
Motor rating	1,140 hp	850 kW
Working height	250 in	6.35 m
Weight	34,613 lbs	15.7 t
Gear	Helical gear; 15:1	
Max. continuous torque	52,000 ft-lbs	70,580 Nm
Speed at max. cont. torque	115 rpm	
Max. speed	230 rpm	
Max. make & break out torque	73,760 ft-lbs	100,000 Nm
Static brake torque	77,444 ft-lbs	105,000 Nm
Mainshaft quill ID	3 in	76.2 mm
Working pressure	7,500 psi	517 bar
Min. connection range	2-1/2 in	63.5 mm
Max. connection range	8-1/2 in	216 mm
IBOP connection	NC 61	
Cooling system	Local blower	
Hydraulic power	Onboard HPU	
Suitable elevator links	150, 250 and 350 ton API	
Min. temperature	-49°F	-45°C
Max. temperature	+131°F	+55°C
Footprint (width x depth)	65.4 in x 61.2 in	1.66 m x 1.55 m