

T-508 CLUSTER SLIDER 5000/320NOV

TECHNICAL OVERVIEW

Rating	1,500 HP	1,120 kW
Hook load	705,000 lbs @ 10 lines	320 mt
Drilling depth theoretical	16,400 ft	5,000 m
Year of construction 2018		

MAST

Type	Low pivot cantilever	
Height	151 ft	46.3 m
Base		10 m
Max. static hook load	705,000 lbs	320 mt

SUBSTRUCTURE

Type	Quadra-lift	
Height	32.8 ft	10 m
Casing load	706,000 lbs	320mt
Setback Capacity	5,000 m of 127 mm drill pipe	

DRAWWORKS

Type	DSGD-320MT	
Horsepower rating	1,500 HP	1,120 kW
Max. line pull	792,000 lb on 10 lines	359 mt
Drilling line diameter	1 3/8"	35 mm
Hoisting speed (empty)	315 fpm	1.6 m/s

TOP DRIVE

Type	NOV TDS 11SA	
Capacity	454 mt	
Torque @ 120 rpm	37,500 ft.lb	50.8 kNm

ROTARY TABLE

Type	D-375	
Table opening	37 1/2"	952.5 mm

DRIVE GROUP

Electric Generators	6 kV power supply
Emergency Diesel Generators	Caterpillar C18, 480 kW
Additional Diesel generators	possible

IRON ROUGHNECK

Type	ST-80C ²
Makeup torque	81.3 kNm (60,000 ft-lb)
Breakout torque	108 kNm (80,000 ft-lb)



MUD SYSTEM

Pump type	NOV FD-1600	
Horsepower rating	2 x 1,600 HP	
Standpipe pressure	5,000 psi	350 bar
Shale shaker type	KING COBRA™ HYBRID™	
Centrifuge type	MI Swaco CD 350	
Active mud system	215 m ³	
Reserve mud system	210 m ³	

BOP EQUIPMENT

Annular	13 5/8" – 5,000 psi
Double ram	13 5/8" – 5,000 psi

CAMP EQUIPMENT

Full rig and base camp

ADDITIONAL EQUIPMENT

Air conditioned Driller Cabin
 Amphion system is installed
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 Reserve standpipe is available
 High-torque TDS-11SA top drive