

T-48 BENTEC E-1500-DC

TECHNICAL OVERVIEW

Rating	1,500 HP	1,100 kW
Hook load	1,000,000 lbs @ 12 lines	454 t
Design depth theoretical	20,000 ft	6,096 m

Totally refurbished in 2010

MAST

Type	Dreco cantilever	
Height	142 ft	43.3 m
Base	24 ft 3 1/2 in	7.4 m
Hook load	1,000,000 lbs	

SUBSTRUCTURE

Type	Dreco slingshot	
Height	30 ft, incl 5 ft pony base	9.1 m
Casing Load	1,000,000 lbs	454 t
Setback Load	600,000 lbs	272 t

DRAWWORKS

Type	Bentec E-1500-DC	
Horsepower rating	1,500 HP	1,100 kW
Max. line pull	83,800 lbs	38 t
Drilling line diameter	1 3/8"	35 mm
Auxiliary brake	Bentec EB-6032-A Brake	

TOP DRIVE

Type	Varco TDS-9SA	
Capacity	800,000 lbs	363 t
Torque	32,500 ft.lbs	44,050 Nm

ROTARY TABLE

Type	Mud King ZP-375	
Table opening	37 1/2"	952.5 mm

DRIVE GROUP

Engine type	Caterpillar 3512B	
Horsepower rating	3 x 1,476 HP	
Generator type	Caterpillar SR4	
Generator rating	3 x 1,500 kVA	
Voltage	600/400 V, 60 Hz	
SCR unit	Bentec SCR	



MUD SYSTEM

Pump type	Continental Emsco FB1300	
Horsepower rating	2 x 1,300 HP	
Shale shaker type	VSM 300	
Shale shaker	3 pcs single	
Standpipe pressure	5,000 psi	345 bar
Active mud system	1,350 bbl	215 m ³
Reserve mud system	930 bbl	148 m ³

BOP EQUIPMENT

Annular	13 5/8" - 5,000 psi	
Double ram	13 5/8" - 5,000 psi	
Single ram	13 5/8" - 5,000 psi	

CAMP EQUIPMENT

Rig camp only.

ADDITIONAL INFORMATION

Rig walking system for cluster locations (X and Y Skidding).
CANRIG tubular handling system.