

T-601 BENTEC E-2000-AC

TECHNICAL OVERVIEW

Rating	2,000 HP	1,490 kW
Hook load	1,300,000 lbs @ 14 lines	590 t
Drilling depth theoretical	25,000 ft	7,500 m

Year of construction 2010

MAST

Type	Cantilever	
Height	152 ft	46.3 m
Base	30 ft	9.1 m
Hook load	1,300,000 lbs	590 t

SUBSTRUCTURE

Type	Slingshot	
Height	35 ft	10.7 m
Casing load	1,300,000 lbs	590 t
Setback load	800,000 lbs	363 t

DRAWWORKS

Type	Bentec E-2000-AC	
Horsepower rating	2,000 HP	1,490 kW
Max. line pull	94,640 lbs	43 t
Drilling line diameter	1 1/2"	38.1 mm
Auxiliary brake	EB-6032	

TOP DRIVE

Type	Varco TDS-8SA	
Capacity	1,500,000 lbs	680 t
Torque	63,000 ft.lbs	85,000 Nm

ROTARY TABLE

Type	LS NOV ZP-375	
Table opening	37 1/2"	952.5 mm
Drive	Bentec 850 kW, AC motor	

DRIVE GROUP

Engine type	Caterpillar 3512B	
Horsepower rating	5 x 1,476 HP	
Generator type	Caterpillar SR4B	
Generator rating	5 x 1,500 kVA	
Voltage	600 V, 60 Hz	
VFD unit	Bentec 7 VFD bays	



MUD SYSTEM

Pump type	Bomco F-1600, 7" x 12"	
Horsepower rating	3 x 1,600 HP	
Shale shaker(s)	3 pc, Brandt King Cobra	
Standpipe pressure	5,000 psi	345 bar
Mud standpipe	Dual standpipe arrangement	
Active mud system	1,500 bbl	238 m ³
Reserve mud system	920 bbl	146 m ³
Water tank capacity	440 bbl	70 m ³

BOP EQUIPMENT

Annular	21 1/4" x 2,000 psi
	13 5/8" x 5,000 psi
Double ram	13 5/8" x 10,000 psi
Single ram	21 1/4" x 2,000 psi
	13 5/8" x 10,000 psi

CAMP EQUIPMENT

Full rig and base camp

ADDITIONAL INFORMATION

Bentec Drillers Control System complete with joystick drawworks control.