

## T-49 BENTEC E-1250-DC

### TECHNICAL OVERVIEW

<b>Rating</b>	1,250 HP	933 kW
<b>Hook load</b>	612,000 lbs @ 12 lines	277 t
<b>Drilling depth theoretical</b>	14,000 ft	Approx. 4,250 m

Refurbished in 2008

### MAST

<b>Type</b>	Pyramid 142' x 21' Cantilever, vertical erection	
<b>Height</b>	142 ft	43.3 m
<b>Hook load</b>	612,000 lbs @ 12 lines	277 t

### SUBSTRUCTURE

<b>Type</b>	Pyramid swing-up	
<b>Height</b>	22 ft	6.7 m
<b>Casing load</b>	530,000 lbs	240 t
<b>Setback load</b>	350,000 lbs	160 t

### DRAWWORKS

<b>Type</b>	Bentec E-1250-DC	
<b>Horsepower rating</b>	1,250 HP	933 kW
<b>Max. line pull</b>	75,500 lbs	34.2 t
<b>Drilling line diameter</b>	1 ¼"	32 mm
<b>Auxiliary brake</b>	Bentec EB-5032-A	

### TOP DRIVE

<b>Type</b>	Varco TDS-11SA	
<b>Capacity</b>	1,000,000 lbs	454 t
<b>Torque</b>	37,500 ft.lbs	50,842 Nm

### ROTARY TABLE

<b>Type</b>	National C-375	
<b>Table opening</b>	37 ½"	952.5 mm

### IRON ROUGHNECK

<b>Type</b>	NOV Iron Roughneck ST-80	
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### DRIVE GROUP

<b>Engine type</b>	MWM TBD 620 V 16	
<b>Horsepower rating</b>	3 x 2,330 HP	1500 kW
<b>Generator type</b>	Piller NKT 2500-4S	
<b>Generator rating</b>	3 x 2,500 kVA	
<b>SCR-Unit</b>	Bentec SCR	



### MUD SYSTEM

<b>Mud pump type</b>	2 x National 14-P-200	
<b>Horsepower rating</b>	2 x 2,000 HP	
<b>Standpipe pressure</b>	5,000 psi	350 bar
<b>Active mud system</b>	815 bbl	130m <sup>3</sup>
<b>Reserve mud system</b>	940 bbl, 4 silos	150 m <sup>3</sup>
<b>Shale shaker type</b>	3 x Thule VSM 300	elliptical

### BOP EQUIPMENT

Depending on Clients requirements	All specified acc. to API 16A
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### ADDITIONAL INFORMATION

#### Soundproofed Equipment:

Rig Floor, Generators, Mud Pumps, Helical gear for TDS, Top Drive Sound protection

#### Drawworks features:

Disk brake, 4-Q-System with Joystick operation, Anti Collision System (ACS), Automatic Driller System

#### Power Supply:

Diesel Engine Driven or/and Grid-Power Supply with Transformer

#### Certification: ATEX & CE

#### Miscellaneous:

- Air Conditioned Driller Cabin with Bentec InfoDrill & CCTV
- Skidding System