

Eco Rig

350 t

Specifications

BENTEC Vertical Lift Mast	
System	Rig up by hydraulic cylinder
Mast height	142.00 ft (43.30 m)
Mast base	28.55 ft x 18.54 ft (8.70 m x 5.65 m)
Maximum rated static hook load	772,000 lbs (350 t @ 10 lines)

BENTEC Box-on-Box Substructure	
System	Rig up by crane
Height of drill floor	29.52 ft (9.00 m)
Free height underneath rotary table	24.27 ft (7.40 m)
Rotary capacity max	772,000 lbs (350 t)
Setback load max	450,000 lbs (204 t)

BENTEC Drawworks E-1500-AC (Double Gear)	
Power rating	1,500 hp (1,100 kW)
Drill line diameter	1-3/8 in (35 mm)
Maximum line pull	87,100 lbs (387 kN)

BENTEC Top Drive TD-500-XT	
Load capacity	500 ton (454 t)
Electric motors	1,140 hp (850 kW)
Continuous torque	52,000 ft-lb (70,580 Nm)

Two (2) BENTEC Mud Pumps T-1600-AC (R) 7-1/2 in x 12 in	
Electric motors	1 x 1,600 hp (1,200 kW) each
Maximum pressure	5,000 psi

BENTEC Mud Tank System — Rectangular Tanks	
Active mud volume	1,383 bbl (220 m^3) in basic configuration

BENTEC Rotary Table RDE-375 — Emergency Drive	
Diameter of opening	37-1/2 in (952 mm)

Power Generation
Three (3) engines
Emergency generator Caterpillar C 15 ACERT

BENTEC Power Control Room
AC-variable frequency drive

OEM Solids Removal Systems
Shale shaker, mud cleaner with desander and desilter

BENTEC Rig Control System
SYNAPSE™ Rig Control System cyber chair in stainless steel cabin

Software solutions

- SYNAPSE™ Rig Control System
- rigCARE™ Remote Monitoring System
- optiDRILL™
- optiTORQUE™
- optiSLIDE™
- optiPUMP™
- Red-Zone Monitoring
- Cutting Return Monitoring
- Condition Monitoring

Optional equipment

- Rig walking / rig skidding
- Pad drilling package
- Noise reduction package
- Advanced pipehandling equipment
- Mud cooler
- BOP Closing Unit
- Grid supply system
- Battery Energy Storage System (BESS)