

Eco Rig

300 t

Specifications

BENTEC Vertical Lift Mast	
System	Rig up by crane or cylinder
Mast height	138.00 ft (42.00 m)
Mast base	21.33 ft x 18.37 ft (6.50 m x 5.60 m)
Maximum rated static hook load	660,000 lbs (300 t @ 10 lines)

BENTEC Box-on-Box Substructure	
System	Rig up by crane
Height of drill floor	27.00 ft (8.20 m)
Free height underneath rotary table	23.00 ft (7.00 m)
Rotary capacity max	660,000 lbs (300 t)
Setback load max	375,000 lbs (170 t)

BENTEC Drawworks E-300-AC-SG (Single Gear)	
Power rating	1,250 hp (920 kW)
Drill line diameter	1-1/4 in (32 mm)
Maximum line pull	74,600 lbs (332 kN)

BENTEC Top Drive TD-350-HT	
Load capacity	350 ton (318 t)
Electric motors	1,030 hp (758 kW)
Continuous torque	46,500 ft-lb (63,300 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-275 — Emergency Drive	
Diameter of opening	27-1/2 in (698 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)