



# Rig E200/E202

Bentec EURO RIG 250 – Upgrade 350

# Rig E200/E202 · Bentec EURO RIG 250/350

Mast	
Make and Type:	Bentec EURO Rig 250
System:	Vertical Lift
Max. Hookload:	350 to (770.000 lbs)
Drilling Hookload:	290 to (640.000 lbs)
Overall Height incl. Substructure:	40,77 m (134 ft)
Height Substructure:	6,20 m (20 ft)
Max. Full Setback Capacity:	4000 m 5" DP 4250 m 4" DP
Max. Drilling Depth:	5.500 m (3 ½" DP)

Drawworks	
Make and Type:	Bentec E 1250 AC
Drive:	Electric
Drawworks Break	Eddy current

Top Drive	
Make and Type:	Maritime Hydraulics – PTD 500 AC
Max. Load:	454 to (1.000.000 lbs)
Max. cont. Torque:	41.000 Nm (30.000 ft-lbs)
Max. RPM:	Approx. 250 rpm

Rotary Table	
Passthrough:	37 ½" or 27 ½"
Drive:	Electric
Max. RPM:	40 rpm

Iron Roughneck	
Make and Type:	NOV ST-80C
Make-up Torque:	81.000 Nm (60.000 ft-lb)
Break-out Torque:	108.000 Nm (80.000 ft-lb)
Max. Connection OD:	8 ½"

Pipe Handling	
Make and Type:	P.U.L.D 05 Series Pipe Handling
Max. Dimension:	20"
Min. Dimension:	2 ⅞"

Mud Pumps	
Make and Type:	Wirth TPK 1600 AC
Number:	2 or 3
Performance (per pump):	7 ½" Liner: 2.600 l/min @ 205 bar 5 ½" Liner: 1.400 l/min @ 345 bar
Number of Strokes:	100/min
Max. Pressure:	350 bar (5.000 psi)
Motor:	Electric (1.600 PS)

Mud Tanks	
Active Mud Volume:	100 m³ in 8 compartments
<ul style="list-style-type: none"> <li>• Conical compartments with submersible agitator</li> <li>• All lines and valves outside, no installations inside compartments</li> <li>• Integrated trip tank, poor boy and vacuum degasser</li> <li>• 2 x cuttings container (each 35m³)</li> <li>• Optional: additional mud volume               <ul style="list-style-type: none"> <li>○ 2 x 24 m³ tanks</li> <li>○ Mud silos (each 30 m³)</li> </ul> </li> </ul>	

Mud Conditioning, Solids Control	
Shake Shaker Type:	2 x Brandt-VSM-300, NOV Brandt
<ul style="list-style-type: none"> <li>• Optional: 3<sup>rd</sup> Shaker (VSM 300)</li> <li>• 1 x Hiller centrifuge with integrated barite recovery</li> <li>• 1 x Flottweg centrifuge</li> <li>• Flocculation Unit</li> <li>• 1 x Desilter (Kem-Tron / 12 x 2")</li> <li>• Tank system fully automated, remotely monitored and visualized / controllable via process control system</li> </ul>	

Energy Supply	
Modular generators (6 pcs. for optimized use of energy)	
<ul style="list-style-type: none"> <li>• 6 x 532 kW diesel-powered generators</li> <li>• Option: Replacement of 3 x 532 kW diesel-powered generators by 3 x 410 kW CNG/LNG-powered generators</li> <li>• Option: Utilization of local power grid via a transformer (grid unit)</li> </ul>	

Skidding System (Optional)	
Max. Skidding Distance:	24 m
Well Spacing:	4/8/12 m (different spacing if needed)