

RIG 110 TSM-1200 AC



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Mast

Make:	Wilson MFG
System:	Telescoping Mast 110'
Total overall height incl. substructure:	36,6 m (120 ft)
Mast Clear Height:	29,5 m (97 ft)
Hook Load Capacity at 10 lines:	180 mt (400.000 lbs)
Racking capacity:	3.000 m double stands of 5" DP incl. DC 5.000 m double stands of 3 1/2" DP incl. DC

Substructure

Make and Type:	ITAG 2000 kN
Setback Capacity:	120 mt (265.000 lbs)
Rotary Capacity:	200 mt (441.000 lbs)
Height underneath rotary Beams:	4,9 m (16,1 ft)

Drawworks

Make and Type:	TSM 1200 HP AC
Max. Line Pull, 2nd Layer	278 kN (62.500 lbs)
Drilling line:	28 mm (1 1/8")
Rated Input Power:	895 kW (1.200 HP)
Auxiliary Brake:	Svendborg 4 x BSFI

Rig Power System

Drive:	Diesel-electrical
Type of Engines:	Two (2 x) MTU 12V 4000 G23
Nominal Rated Power (each):	1400 kW (1.880 HP) @ 1.500 1/min
Type of Generators:	Two (2 x) Leroy-Somer LSA 51,2
Apparent Power (each):	1.700 kVA
SCR- & MCC-Unit	Bentec

Top Drive

Make and Type:	Tesco 250 HMIS
Load rating:	225 mt (500.000 lbs)
Output Torque (continuous):	24 kNm (16.000 ft-lb) @ 50 rpm
Tool Torque (intermittent and stall):	27,5 kNm (18.500 ft-lb)
Max. Speed:	100 rpm

Rotary Table

Make and Type:	Oilwell B 27 1/2 (27 1/2")
Rotary Table Drive:	Hydraulic (55 kW)

Hook-Block

Make and Type:	Continental Emsco - RA 36-5-250
Load Capacity:	225 mt (500.000 lbs)

Mud Pumps

Make and Type:	Wirth TPK-1600 (Trilex Pumps)
Number of:	Two (2 x)
Electric Motors:	1.200 kW AC (1.600 HP)
Max. pressure:	345 bar (5.000 psi)

Mud Tank System

Active Tank System Capacity:	140 m ³ (incl. Mix compartments)
Type:	Rectangular tanks
Accessories:	LP Mixing System, Mud Agitatore, Trip Tank

Solids Control Equipment

Shale shaker type:	Three (3 x) Mi Swaco Mongoose PT
Desilter:	Mi Swaco 16 x 4" cones
Drilling Mud Degasser:	Mi Swaco Vacuum Degasser
Mud Gas Separator:	Freestanding Mud Gas Separator

Torque Wrench

Make:	Weatherford
Type:	8.0-70 Hydraulic Drillpipe Tong

Blowout Equipment

Annular BOP:	13 5/8" - 5.000 psi
Ram BOP:	13 5/8" - 5.000 psi Double
BOP closing unit:	Koomey T 15120-3S
Volume:	240 gal (910 ltr)
Choke - & kill Manifold:	10.000 psi WP wirth Controls
Drilling Spools and Adapters:	According to Requirement

Additional Equipment

Soundproofed Equipment
Power Slips
Feed off Control System
Drilling Instrumentation
Colour Camera System
Forklift
Anti Collision System (ACS)