

**TECHNICAL
RIG SHEET**

**Drillmec
2000 HP**



PRINCIPAL PARTICULARS

Type: **Stationary / Electrical**

Rating: **2000HP**

Drilling depth: **7 300m @ 5" DP**

DRAWWORKS

Type: **Drillmec 2000HP AC**

Horsepower rating: **2000HP**

Driven by: **2 x GE-B22 AC electric motor**

Drilling line diameter: **1 1/2"**

Auxiliary break: **Wichita**

MAST

Type: **Drillmec DM-1300**

Height: **47,5 m**

Hook load: **590 t @ 14 lines**

SUBSTRUCTURE

Type: **Drillmec DM-1300**

Total height: **10,66 m**

Clear height: **9,14m**

Setback capacity: **362t**

Casing capacity: **590t**

ROTARY EQUIPMENT

Rotary table type: **Drillmec R375**

Rotary table opening: **37 1/2"**

Rotary table capacity: **590t**

Driven by: **1 x GE-B22 AC electric motor**

Top Drive System: **TDS-11SA Varco**

TDS capacity: **454t**

TDS max. torque: **37 100 ft lbs**

TDS max. speed: **228 rpm**

TDS drive: **2 x 400 HP**

Iron Roughneck: **Drillmec PCT-130**

TRAVELING EQUIPMENT

Traveling block type: **ABCO type B60F650**

Block capacity: **590t**

Q – ty and size of sheaves: **7 x 60"**

Hook type: **ABCO**

Hook capacity: **454t**

DRIVE GROUP

Engine type: **4 x CAT 3512B DITA-SCAC**

Horsepower rating: **4x 1750 HP**

Generator type: **4x CAT SR 4B**

Generator rating: **1714 kVA/1200kW**

Generator voltage: **600V/50 Hz**

SCR/VFD unit: **VFD BENTEC**

Compressors: **2x Ingersoll Rand UP5 37PE 10 screw type**

MUD SYSTEM

Mud pumps type: **3 x Drillmec 12T 1600**

Horsepower rating: **1600 HP each**

Shale shakers: **3x MI Swaco Mongoose**

Mudcleaner: **1x MI Swaco Combo 2-12" 6T4**

Degasser: **MI Swaco DC 1400 Centrifugal**

Mud system: **453 m³**

High pressure line: **7500 psi**

BOP EQUIPMENT

BOP control unit type: **Koomey**

Single ram BOP: **Cameron 13 5/8" 10K type U**

Double ram BOP: **Cameron 13 5/8"x10K type U**

Annular BOP: **Cameron 13 5/8" x 5M type DL**

INSTRUMENTATION

Weight indicator: **Martin Decker Totco type EB**

Recorder: **Drillmec Drilling Technologies**



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