



MR-8000 MOBILE DRILLING, COMPLETION & WORKOVER RIG

GENERAL INFORMATION

Rating..... 1.080 HP
 Drilling Depth..... 4.000 m w/ 4 1/2" DP
 Year of Construction..... 2013

MAST

Type..... Two-section Telescopic Mast
 Height..... 132 ft (40,2 m)
 Hook Load..... 440.000 lbs w/ 10 lines
 Racking Capacity..... 9.360 ft w/ 5" DP (Range-2, Double)

SUBSTRUCTURE

Type..... Telescoping type Drillmec
 Height..... 17 ft (5,2 m)
 Simultaneous Capacity..... 200 tone on rotary
 113 tone on set back

DRAWWORKS

Type..... Drillmec Model MR-8000
 Power Rating..... 1.080 HP
 Max. Line Pull..... 53.000 lb
 Drilling Line Diameter..... 1 1/8"
 Auxiliary Brake..... Parmac V80

DRIVE GROUP

Engine Type..... CAT C-15
 HP Rating..... 2 x 540 HP
 Generator Type..... CAT C-15
 Generator Rating..... 2 x 400 kWA
 Voltage..... 400 V, 50 Hz

TOP DRIVE

Type..... Hydraulic Top Drive (HTD250 HT)
 Capacity..... 250 Tone
 Max. Speed..... 189 rpm
 Max. Torque..... 34.000 Nm

ROTARY TABLE

Type..... Drillmec
 Table Opening..... 27 1/2"
 Max. RPM..... 200

DP SPINNER

Type..... Forum B+V
 Range..... 2 7/8" thru 7"

MUD SYSTEM

Pump Type..... Drillmec 9T1000 (2ea)
 HP Rating..... 1.000 HP at 150spm
 Pump Engine Type..... 2 x CAT 3512 (1.250 HP@1.200rpm)
 Shale Shaker..... MI-Swaco Mongoose PT (2ea)
 Mud Cleaner..... MI-Swaco Mongoose PT
 MI-Swaco D-Sander / D-Silter
 D-Gasser..... Swaco Vaccum D-Gasser Horizontal
 Poor Boy Degasser..... Swaco - Mud/Gas Separator
 Standpipe Pressure..... 5.000 psi
 Total Tank Capacity..... 1.334 bbl
 Trip Tank..... 40 bbl
 Cooling Tower..... Drillmec (For Geothermal Wells)

WELL CONTROL EQUIPMENT & CONTROL SYSTEM

Annular BOP..... 21 1/4" x 2.000 psi
 13 5/8" x 5.000 psi
 Double Ram BOP..... 13 5/8" x 5.000 psi
 Single Ram BOP..... 13 5/8" x 5.000 psi
 Drilling Spool..... 21 1/4" x 2.000 psi
 13 5/8" x 5.000 psi
 Closing Unit..... 250 gal Tank Size
 16 Bottles
 Remote Control Panel (1ea)

CHOKE MANIFOLD

Size and Working Pr..... 3 1/8" x 5.000psi
 Number of Valves..... 10
 Choke Type..... Hydraulic (1 ea) - Manual (1ea)
 Remote Drilling Choke Console
 w/ 2 dijital stroke counter
 Co-Flex Hose..... 3 1/8" x 5.000 psi (1ea)

OTHER

Travelling Block..... Crosby RJ (500.000lbs)
 Swivel..... King Oil Tools-6SX
 Air System..... Ingersoll Rand 7100 (Diesel)
 Ingersoll Rand T30 mod 2475
 (mounted on diesel eng.)
 Ingersoll Rand UP5 37PE10 (Electric Rotary
 Screw Air Compressor)
 Data Acquisition System.. Drillmec
 Compact Unit..... MI-Swaco

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