



## 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..... 2008  
 Recertified & Refurbished..... 2016

### MAST

Type..... Two-section Telescopic Mast  
 Height..... 118 ft (36 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 (HTD220)  
 Capacity..... 200 Tone  
 Max. Speed..... 159 rpm  
 Max. Torque..... 3.525daNm

### 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..... 4 x CAT C18 (600 HP@1.800rpm)  
 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

### BORDRILL Drilling Contractor & Trade Co.

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