

# MR - 8000

## Mechanical drilling rig semitrailer mounted

### PRINCIPAL PARTICULARS

Type: Portable / Mechanical  
Rating: 1000HP  
Drilling depth: 3000m @ 5"DP

### DRAWWORKS

Type: DRILLMEC MR-8000  
Horsepower rating: 1000HP  
Driven by: 2x CAT C-15 diesel engine  
Drilling line diameter: 1 1/8"  
Auxiliary break: hydraulic PARMAC V-80

### MAST

Type: DRILLMEC S/N 11457  
Height: 35,97m  
Hook load: 200t @ 10 lines

### SUBSTRUCTURE

Type: DRILLMEC Model DT-17-335  
Total height: 5,18m  
Clear height: 4,17m  
Setback capacity: 113t  
Total capacity: 313t

### ROTARY EQUIPMENT

Rotary table type: UPETROM MRL-275  
Rotary table opening: 27 1/2"  
Rotary Table capacity: 320t  
Driven by: drawwork's  
Swivel type: integrated with TD  
Swivel capacity: 200t  
Top Drive System: DRILLMEC HTD-200  
TDS capacity: 200t  
TDS max. torque: 26000 ft lbs  
TDS max. speed: 200 rpm  
TDS Drive: CAT C-15 diesel engine

### TRAVELING EQUIPMENT

Traveling Block type: DRILLMEC type DH 30 E 250  
Block capacity: 250t  
Q – ty and size of sheaves: 5x30"  
Hook type: integrated  
Hook capacity: 250t

### DRIVE GROUP

Engine type: CAT C18, Perkins 2306C  
Horsepower rating: 600HP,  
Generator type: GEP 650 (L7A00782), GEP 380 (LL6014B)  
Generator rating: 650kVA/520kW, 380 kVA / 304kW  
Generator Voltage: 230 /400V/ 50Hz  
Compressors: 2 x CompAir L-75-10A

### MUD SYSTEM

Mud Pumps type: 2 x National 9P-100  
Horsepower rating: 1000HP  
Power pump: 2x CAT D398  
Shale Shakers: 2x MI SWACO ALS II  
Mudcleaner: MI Swaco  
Degasser: Brandt Vacuum type  
Active Mud System: 120m<sup>3</sup>  
High pressure line: 1x ID-3"/5000psi

### BOP EQUIPMENT

BOP Control Unite type: CAMERON  
Double ram BOP: Cameron 11"-10K type U  
Annular BOP: Cameron 11"-5K type DL

### INSTRUMENTATION

Weight Indicator: Martin Decker WB 165B-810  
Recorder: M/D TOTCO  
Drilling Control System: M/D TOTCO