

# Rig MDC3

JC70D  
2000 HP  
Land Rig

- **Related Drilling Depth**  
20,000 ft with 5" drill pipe.
- **Substructure**  
DZ 450 / 10.5 – X, Height 10.5m.
- **Hook Load**  
1,000,000 lbs (12 lines).
- **Setback Load**  
490,000 lb.
- **Mast**  
149.28 ft.
- **Drawwork**  
JC70D, 2000 HP & 1 ½"
- **Auxiliary Brake**  
Eaton436WCB2.
- **Mud Pump Engine × Qty**  
2x1600 HP, F1600.
- **Travelling Equipment**  
YC450, 1,000,000 lbs.
- **Rotary**  
ZP375, 37 ½".
- **Top Drive**  
Varco TDS 11SA or equiv., 500 Tons.
- **Well Control Equipment**  
13.5/8" Bag Preventer 10,000 psi.  
13.5/8" Ram single Preventer H2S service.  
13.5/8" Ram double Preventer.  
4 1/16" – 10000psi Hydraulic & Manual  
Choke valves  
4 1/16" – 10000psi Hydraulic & Manual  
Kill valves  
Accumulator Unit, NXQ2-L 40/31.5H
- **Rig Power Supply**  
3x1600 HP Diesel Engine,  
CAT3512B.  
Power by 3x SR 4B 1900 KVA. [SCR]
- **Drill String**  
5", NC-50, 2" Weco, Lo-Torq  
3.1/2", NC-38, 2" Weco, 2" Weco
- **Safety Equipment**  
As required by regulations.
- **Accommodation**  
To accommodate 80 persons.