

# MR5000 (W101 – W102)



## Plus

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- **Reduced environmental impact**
  - Reduction of the working area
  - Reduction of the noise
  - System of mud collecting and canalization
- **Enhanced safety in working area**
  - Easier rig-up / rig-down sequence
- **Lower cost**
  - Lower cost for moving
  - Staff reduction
  - Better and constant performance during workover

# Descriptions

<b>Static hook capacity</b>	<b>113 METRIC TONS 250.000 lbs – 2 Range 2</b>
Hoisting power	550 HP
Max torque Power Swivel	10000 lbs
Power Swivel rotation(rpm)	120 at 7000 lb.ft
Mud pumps power	n° 2 mud pump - 750 hp
Mud system capacity	150 m3
Generators power	1640 Kw – Caterpillar C18 (2) – SR4B

# RIG TECHNICAL SPECIFICATIONS

<b>RIG GENERAL DATA</b>	
<i>Drawworks Engines</i>	C15 – 372 kW (550 HP) – DISC BRAKE
<i>System</i>	Diesel
<i>Hook Load</i>	113 Ton (250.000 lbs)
<b>MAST</b>	
<i>Type</i>	Drillmec MR5000 Mobile Rig
<i>System</i>	Drawworks – (Plus sand line
<i>Total height incl. Substructure</i>	35,5 m
<i>ClearHeight</i>	30,5 m
<i>Hookload Capacity</i>	113 Ton (250.000 lbs)
<i>Racking Capacity DP 5"</i>	7200 ft
<b>SUBSTRUCTURE</b>	
<i>Type</i>	Drillmec HH
<i>Height of drill floor</i>	5,20 m
<i>Height below rotary table</i>	4,50 m
<i>Load Capacity</i>	113/ ton (250.000 lbs) - Setback (90 Ton – 200.000 lbs)
<b>POWER GENERATION</b>	
<i>Engine Type</i>	2- CAT C18
<i>Engine Rating</i>	500 HP each

<i>Gen set rating</i>	550 KVA (380 -220 V) (50 Hz)
<b>ROTARY TABLE</b>	
<i>Type</i>	Drillmec
<i>Size:</i>	27 1/2"
<i>Load Capacity</i>	200 ton
<i>RPM and output torque</i>	N/A
<b>MUD PUMPS</b>	
<i>Type</i>	Drillmec 7T600
<i>Numbers of</i>	2
<i>Motor</i>	CAT C18
<i>Max pressure</i>	5000 psi
<b>MUD TANK SYSTEM</b>	
<i>Type</i>	Trailer Mounted
<i>Mud Capacity</i>	150 m3
<i>Shale Shaker Type</i>	MI Swaco Meerkat PT
<b>TUBING TONG</b>	
<i>Type</i>	CLINCHER HIGH TORQUE
<i>Tubular OD.</i>	2 1/16" – 5 1/2"
<i>Make-up Torque</i>	17000 lbs.ft
<i>Break-out Torque</i>	17000 lbs.ft
<b>BOP SYSTEM</b>	
<i>Diverter Type</i>	no
<i>Annular Type</i>	11" Shaffer - 5M
<i>Double Rams</i>	11" Cameron Type -5M
<i>Single Rams</i>	no
<i>Choke Manifold type</i>	2 1/16" - 1 x Manual Choke - 1 x Hydraulic choke