

HH-300_(H301)



Plus

- **Reduced environmental impact**
 - Reduction of the working area
 - Minor height of the mast
 - Reduction of the noise
 - System of mud collecting and canalization
- **Enhanced safety in working area**
 - Automatic sequences in the tubular movement
 - Easier rig-up / rig-down sequence
 - Enhanced control of hydraulic movement
 - Enhanced operator working control
- **Lower cost**

- Lower cost for moving
- Staff reduction
- Better and constant performance during drilling

Descriptions

Static hook capacity	272 METRIC TONS 600.000 lbs
Hoisting power	1500 HP
Max torque	36,200 lb.ft (4910 daN.m)
Top drive rotation(rpm)	200 rpm
Mud pumps power	n° 2 mud pump - 1600 HP – 12T1600
Mud system capacity	220 m3
Generators power	3640 Kw – Caterpillar C32 (4) – SR4B

RIG TECHNICAL SPECIFICATIONS

RIG GENERAL DATA	
<i>EHPU Engines</i>	Electric Motor Qt.y 2
<i>System</i>	Electric Diesel
<i>Hook Load</i>	272 Ton
MAST	
<i>Type</i>	Drillmec HH-300
<i>System</i>	Hydraulic Hoisting
<i>Total height incl. Substructure</i>	30 m
<i>ClearHeight</i>	16,6 m
<i>Hookload Capacity</i>	272 Ton (600.000 lbs)
<i>Racking Capacity DP 5"</i>	3800 mt
SUBSTRUCTURE	
<i>Type</i>	Drillmec HH
<i>Height of drill floor</i>	7,60 m

<i>Height below rotary table</i>	7,0 m
<i>Load Capacity</i>	272 Ton (600000 lbs)
VERTICAL DRILL PIPE BINS	
<i>For 5" OD drill pipe</i>	196
<i>For 3 1/2" OD drill pipe</i>	224
POWER GENERATION	
<i>Engine Type</i>	CAT C32
<i>Engine Rating</i>	910 KW
<i>Gen set rating</i>	1137 KVA
TOP DRIVE	
<i>Type</i>	HTD 300
<i>Load Rating</i>	272 ton
<i>Output Torque</i>	4910 da.Nm a 90 rpm
<i>Max. RPM</i>	200
ROTARY TABLE	
<i>Type</i>	Drillmec
<i>Size:</i>	27 1/2"
<i>Load Capacity</i>	272 ton
<i>RPM and output torque</i>	60 rpm - 1000 kgm
MUD PUMPS	
<i>Type</i>	Drillmec 12T1600
<i>Numbers of</i>	2 (3 optional)
<i>Motor</i>	CAT 3512- 1250 Hp
<i>Max pressure</i>	5000 psi
MUD TANK SYSTEM	
<i>Type</i>	Trailer Mounted
<i>Mud Capacity</i>	220 m3
<i>Shale Shaker Type</i>	MI Swaco Mongoose
<i>Desander</i>	2 x 12" MI SWACO mud cleaner
<i>Desilter</i>	12 x 2" MI SWACO mud cleaner
POWER TONG	
<i>Type</i>	Drillmec
<i>Tubular OD.</i>	3 1/2" to 11"
<i>Make-up Torque</i>	17658 daNm
<i>Break-out Torque</i>	17659 daNm
BOP SYSTEM	

<i>Diverter Type</i>	no
<i>Annular Type</i>	13 5/8" Shaffer - 5M
<i>Double Rams</i>	13 5/8" Cameron Type -10M
<i>Single Rams</i>	no
<i>Choke Manifold type</i>	T3 Energy 3 1/8 - 1 x Manual Choke - 1 x Hydraulic choke