

HH-300

DRILLMEC HH-300FA RIG HYDRAULIC LIFT- SINGLE

TECHNICAL OVERVIEW

Rating	1,500 HP	1,118 kW
Hook load	600,000 lbs @ 10 lines	272 mt
Design depth theoretical	14,765 ft w/ 5" DP	4,500 m
Year of construction 2011, Recertified 2022		

MAST

Type	HH-300 HYD SGL	
Height	Hydraulic Mast 16.6m	30 m
Base		
N.G.C		
Hook load	600,000 lbs	272 mt

SUBSTRUCTURE

Type	Drillmec, HH 300 Hydr.	
Height	25 ft	7.6 m
Casing load	600,000 lbs	272.0 mt
Setback load	N/A	

DRAWWORKS

Type	HH 300 Ram Rig	
Horsepower rating	1,500 HP	1,118 kW
Max. line pull	76,435 lbs	34.67 mt
Drilling line diameter	1 3/8"	34.9 mm
Auxiliary Brake	N/A	

TOP DRIVE

Type	Drillmec HH275	
Capacity	600,000 lbs	272 mt
Torque cont.	36,200 ft/lbs @ 90RPM	49,080 Nm

ROTARY TABLE

Type	Drillmec
Table opening	27 1/2"

IRON ROUGHNECK

Type	Full Auto pipe handling and Make up system
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DRIVE GROUP

Engine type	MTU 12 V 4000 G23
Horsepower rating	3 x 1,500 HP/1800RPM
Generator type	L-S LSA 51.2 / 70/4P
Generator rating	3 x 1,750 kVA
Voltage	600/460 V, 50 Hz
SCR Unit	Drillmec PCR System



MUD SYSTEM

Pump type	DRILLMEC 12-T-160 Triplex	
Horsepower rating	2 x 1,600 HP	
Shale shaker type	MI SWACO MONGOOSE	
Shale shaker	2 x single units w/common box	
Standpipe pressure	5,000 psi	345 bar
Active mud system	1,344 bbl	215 m ³
Reserve mud system	0 bbl	0 m ³
Trip Tank	50 bbl	8,0 m ³

BOP EQUIPMENT

Annular	13 5/8" - 5,000 psi
Double ram	13 5/8" - 5,000 psi
Single ram	N/A

CAMP EQUIPMENT

AS REQUIRED

ADDITIONAL INFORMATION

- Full hydraulic super single rig
- Drillmec Drillers Control System complete with Joystick
- Drillmec Drilling Instrumentation System
- Drillmec Anti Collision System
- Rotary Table not for Drilling