



HH 220 RIG INFORMATION

Entrepose Drilling HH 220 is a modern, highly mobile, trailer mounted, Hydraulic Hoist drilling rig. The rig complies with API and EC regulations and offers a reduced footprint and visual impact, low noise level and improved safety with hands-free operations through automated pipe handling. The HH 220 has been drilling in harsh environments ranging from -20°C to $+55^{\circ}\text{C}$. The HH 220 has demonstrated outstanding drilling performances leveraging its push down capabilities in top hole and horizontal sections.



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MAST

Type	DRILLMEC hydraulic
Height	max. 30,7 m from ground
Max. Hook Load	200 metric tonnes
Max. pull down	20 metric tonnes

SUBSTRUCTURE

Type	trailer mounted self raising
Casing Load	200 metric tonnes
Drill Floor Height	7,6 m
BOP clearance	5,8 m

RIG POWER SYSTEM

Engines	3 x CAT 3512 B
Generator	3 x CAT 1593 kVA 600V 60Hz
HPU	Drillmec 1340 HP
PCR Unit	Bentec

TOP DRIVE SYSTEM

Type	Drillmec HT 220 D
Capacity	200 metric tonnes
Max. Torque	26,500 ft-lbs / 3,600 daNm
Max. Speed	200 rpm

BLOW OUT PREVENTION EQUIPMENT

Diverter	21 1/4" 3000 psi
Annular BOP	13 5/8" 5000 psi
Ram BOP	13 5/8" 5000 psi double w/ SR
Manifold	3" 5000 psi

MUD PUMPS

Type (triplex)	2 x DRILLMEC 9T1000
Max Input Power	2 x 1000 HP
Max Flow Rate	2 x 2554 l/min

MUD SYSTEM

Active Tanks	28 to 63 m3
Reserve Tank	121 m3
Water Tank	20 m3
Agitators, Mixing skid with hoopers, Mud gas separator & vacuum degasser.	

SOLID CONTROL SYSTEM

Type shakers	2 x VSM300 Brandt
Mud Cleaner	1 x Derrick

ADDITIONAL EQUIPMENT

3670 m 5" DP R3 G105
3540 m 3-1/2" DP R3 G105
Fully automated pipe handling system
Casing make-up device 4 1/2" to 13 3/8"
Power Tong 3 1/2" - 11"
Automatic slips
Automatic driller with WOB or ROP controller
Offices, crew cabins, workshops etc.
Compressor unit, diesel fuel tank
Surface eqpt (fire fighting, HP cleaning etc.)
Forklifts