

T-208 WIRTH GH 1500 EG-AC-SV

TECHNICAL OVERVIEW

Rating	1,500 HP	1,150 kW
Hook load	770,000 lbs @ 10 lines	350 t
Drilling depth theoretical	18,000 ft	5,000 m

Year of construction 2006

MAST

Type	Bentec MVL-770-143-25 Bootstrap vertical erection	
Height	144 ft	44.0 m
Hook load	770,000 lbs @ 10 lines	350 t

SUBSTRUCTURE

Type	Bentec SB-770-450-30 Box-on-Box	
Height	30 ft	9 m
Casing load	770,000 lbs	350 t
Setback load	450,000 lbs	200 t

DRAWWORKS

Type	Wirth GH 1500 EG-AC-SV	
Horsepower rating	1,500 HP	1,150 kW
Max. line pull	75,540 lbs	34.2 t
Drilling line diameter	1 3/8"	32 mm
Auxiliary brake	Baylor 5032	

TOP DRIVE

Type	Varco TDS-11SA	
Capacity	1,000,000 lbs	454 t
Torque	37,500 ft.lbs	51,000 Nm

ROTARY TABLE

Type	National C-375	
Table opening	37 1/2"	952.5 mm

IRON ROUGHNECK

Type	NOV ST-80	
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DRIVE GROUP

Engine type	Caterpillar 3512B	
Horsepower rating	4 x 1,757 HP	1,310 kW
Generator type	Caterpillar SR4B	
Generator rating	4 x 1,500 kVA	
Voltage	690 V, 50 Hz	
SCR / VFD Unit	Bentec VFD	



MUD SYSTEM

Mud pump	Wirth TPK-1600	
Horsepower	3 x 1,600 HP	
Standpipe pressure	5,000 psi	350 bar
Active mud system	1,260 bbl	200 m ³
Reserve mud system	755 bbl	120 m ³
Shale shaker type	3 x Thule VSM 300	

BOP EQUIPMENT

Depending on clients requirements	All specified acc. to API 16A	
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ADDITIONAL INFORMATION

Soundproofed Equipment:

Rig Floor, Drawworks, Generators, Mud Pumps, Shale Shaker Area, Helical gear for Top Drive

Drawworks features:

Disc brake, 4-Q System with Joystick operation, Anti Collision System (ACS), Automatic Driller System

Power Supply:

Diesel Engine Driven or/and Grid-Power Supply with Transformer

Certification: ATEX & CE

Miscellaneous:

- Air Conditioned Driller Cabin with Bentec InfoDrill & CCTV