

RIG SPECIFICATION SHEET

AD54



Rig HP Rating	2000 hp
Rig Builder/Year	Hong Hua "HH"/2018
Last Upgrade	NA
Cat IV Inspection Date*	NA
Load Rating	1,000,000 lbs
Nom. Depth Rating	21,000 ft.
Skidding Capable	No
Load Count	89 excluding offices & camp
Crane Required to Move	Yes

MAST

Make	Hong Hua
Height	157 ft.
Static Hook Load	1,000,000 lbs
Drilling Line Size	1-1/2"

SUBSTRUCTURE

Make	Hong Hua
Floor Height	35'
Clear Height	30'
Rotary Load Capacity	1,000,000 lbs
Setback Load Capacity	800,000 lbs

DRAWWORKS

Make	Hong Hua
Model	JC70DB
Horsepower Rating	2000 hp

TRAVELLING ASSEMBLY

Traveling Block	Hong Hua YC450
Load Rating	500 t
Swivel	N/A
Load Rating	N/A

TOP DRIVE

Make	Varco
Model	TDS 11SH
Load Rating	500 t
Max Drill Torque	51,000 ft-lb
Breakout Torque	75,000 ft-lb

ROTARY /SLIP TABLE

Table Opening Size	37 1/2"
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MUD PUMP(S)

Make	Hong Hua
Model	HHF-1600HL
Max Input HP	1600 hp

MUD SYSTEM

Active (usable) Volume	1500 bbls (Total 4500bbls)
Number of Tanks	8
Solid Control system	4 Swacos

POWER GENERATION

Engine	CAT 3512B, 1476 hp
Generator	CAT S4B
Voltage Rating	600
Power Rating	1225 kW

WELL CONTROL

Annular Preventer	NOV Shaffer SBOP
Pressure Rating, Size	5000 psi, 13 5/8"
Ram Preventer	Cameron Type "U" Double & Single
Pressure Rating, Size	5000 psi, 13 5/8"
Choke Manifold	AMCO
Pressure Rating, Size	5000 psi, 3-1/8"
Accumulator Unit	CAD

TUBULARS

Drill Pipe	(5" - 20,000') (4" - 18,000') (2-3/8 - 5,000')
HWDP	(5" - 80 jts) (4" - 100 jts)
Drill Collars	(9-1/2" - 12 jts) (8-1/4" - 30 jts) (6-1/2" - 30 jts) (4-3/4" - 30 jts) (2-7/8" - 24 jts)

ADDITIONAL EQUIPMENT

BOP Handling system	150 Tons System, Ingersoll rand
BOP Torque Wrench	Yes
BOP Test Equipment	CAD
Floor Wrench	1 ea. NOV ST-80
Mechanized Catwalk	N/A
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	CAT C18 / CAT LC7024J



* Applies to Mast / Derrick and Substructure.