

RIG SPECIFICATION SHEET

AD81



Rig HP Rating	2000 hp
Rig Builder/Year	BOMCO/2024
Last Upgrade	NA
Cat IV Inspection Date*	NA
Load Rating	1,000,000 lbs
Nom. Depth Rating	21,000 ft.
Skidding Capable	Yes
Load Count	240 excluding offices & camp
Crane Required to Move	Yes

MAST	
Make	BOMCO
Height	157 ft.
Static Hook Load	1,000,000 lbs
Drilling Line Size	1 1/2" EIPS 2000 m, API Spec 9A

SUBSTRUCTURE	
Make	BOMCO
Floor Height	40 ft.
Clear Height	35 ft.
Rotary Load Capacity	1,011,000 lbs
Setback Load Capacity	1,011,000 lbs

DRAWWORKS	
Make	BOMCO
Model	JC70DB24
Horsepower Rating	2000 hp

TRAVELLING ASSEMBLY	
Traveling Block	BOMCO YC450
Load Rating	500 t
Swivel	N/A
Load Rating	N/A

TOP DRIVE	
Make	BENTEC
Model	TD-500-XT
Load Rating	500 t
Max Drill Torque	52,000 ft-lb
Breakout Torque	73,760 ft-lb

ROTARY /SLIP TABLE	
Table Opening Size	37 1/2"

MUD PUMP(S)	
Make	BOMCO
Model	F-1600HL
Max Input HP	1600 hp

MUD SYSTEM	
Active (usable) Volume	1500 bbls (Total 4000bbls)
Number of Tanks	8
Solid Control system	4 Swacos

POWER GENERATION	
Engine	CAT 3512B
Generator	CAT SR500
Voltage Rating	600
Power Rating	1225 kW

WELL CONTROL	
Annular Preventer	NOV Shaffer WC-SBOP
Pressure Rating, Size	10000 psi, 13 5/8"
Ram Preventer	Cameron Type "U" Double - 2 ea
Pressure Rating, Size	15,000 psi, 13 5/8"
Choke Manifold	MTQ
Pressure Rating, Size	15,000 psi, 4-1/16"
Accumulator Unit	CAD CONTROL UNIT

TUBULARS	
Drill Pipe	22,000ft of 5 1/2", 24.7 lb/ft, IEU, HL105SS, HLIST54
HWDP	12,000ft of 4", 14 lb/ft, IU, HL105SS, HLIST39
	50 joints of OD 5 1/2" x ID 4"
	50 joints of OD 4" x ID 2 9/16"
	50 joints of OD 6 5/8" x ID 4"
Drill Collars	18 ea. 9-1/2" DC, 30 ea. 8-1/2" DC, 30 ea. 6-3/4" DC, 30 ea. 4-3/4" DC

ADDITIONAL EQUIPMENT	
BOP Handling system	150 Tons System, BAOJI ENGINEERING HYDRAULIC PA
BOP Torque Wrench	Yes
BOP Test Equipment	CAD
Floor Wrench	2 ea. Varco HC26
Mechanized Catwalk	Hydraulic (BOMCO)
Wellsite Trailer(s)	As required
Main Camp Eng./Gen.	CAT C9/ CAT LC7224L



* Applies to Mast / Derrick and Substructure.