

RIG SPECIFICATION SHEET

Arabdrill 150 (AD150)



Rig HP Rating	3000 hp
Design	PACIFIC CLASS, PPL 400
Rig Builder /Year	PPL Singapore 2023
Classification	ABS Class ✕A1
Load Rating	1,500,000 lbs
Rated Drilling Depth	30,000 ft
Water Depth	400 ft (Leg Length=532 ft.)
Overall Dimensions	236.5ft.long x 224.4ft.wide x 27.9ft deep
Transit/jacking/Elevated	7,500 kips operating / 5000 kips transit
Cantilever Envelope	75 ft long. 15 ft trans.
POB	150

DERRICK

Make	Loadmaster Derrick
Height	160 ft
Static Hook Load	1,500,000 lbs.
Drilling Line Size	1-5/8"

TOP DRIVE

Make / Model	FD35
Load Rating	750 t
Max. Drill Torque	66,000 ft.-lb
Breakout Torque	115,000 ft-lb

MUD PUMPS

Make/Model	Cameron
Number of pumps	3 x Lewco W2214 triplex pumps
Max. Input Horsepower	2200 hp
Standpipe Pressure	7,500 psi

POWER GENERATION

Make/ Model	CAT/ 3516 CHD - 5 ea
Horsepower Rating	2150 hp
Kilowatt Rating	1720 kW

ADDITIONAL EQUIPMENT

BOP Handling	2 x 75 Tons JDN
Emergency Generator	(1) Caterpillar 3508 B
Iron Roughneck	Cameron JIM 10 T-P-L
OA Crane	22,000 lbs

DRAW WORKS

Make	Cameron
Model	FA30 (Ultrahoist 750)
Input Power	GEB-22E - 2 ea
Horsepower Rating	3000 hp

ROTARY / SLIP TABLE

Make / Model	Cameron FF
Table Opening Size	49 1/2"

MUD SYSTEM

Active (usable) Volume	4,175 BBLs
Number of Tanks	8
Solid Control System	4 Brandts

DECK CRANES

Make & Capacity	3 ea. Favelle Favco, Diesel/Hudraulic, CAT C-15 Engine
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TRAVELLING ASSEMBLY

Crown Block	Loadmaster/ C150016x14-9NC
Load Rating	7 sheaves, 750 t
Travelling Block	Cameron FC-30
Load Rating	7 sheaves, 750 t

WELL CONTROL

Annular Preventer	HMH (Hydril) GX Type
Pressure Rating	10,000 PSI
Big Bore Diverter	DrillQuip 500, 49.5"
Diverter	NOV Shaffer SBOP : 21.1/4-2M & 30-1M
Ram Preventer	Cameron Type "U" Double - 2 ea
Choke Manifold	MTQ
Pressure Rating	10,000 psi
Size	4-1/16"
Accumulator	CAD
Pressure Rating	3000 PSI with 5000 PSI DSA
MGS	48"



* Applies to Mast / Derrick and Substructure.