

GENERAL SPECIFICATIONS

Shipyards Delivery	July-19, SWS Shipyards, China		
Classification Agency	ABS ⓧ A1 Self-Elevating Unit		
Dimensions	214.1' x 203' x 26.2'		
Water Depth	Maximum: 375 ft		
Max. Drilling Depth	30,000 ft		
Cantilever Reach	70 ft Longitudinal 20 ft transverse		
Leg Length	445 ft usable below hull		
Leg Spacing	150.9 ft transverse 131.2 ft longitudinal		
Spud can Diameter	55.5 ft		
Variable Deck Load	Operating:	7715 kips	
	Survival:	5510 kips	
	Transit:	5507 kips	
Transit Draft	15.38 ft		
Max. Wave Height	Operating:	43 ft @ 300 ft WD	
	Survival:	60 ft @ 300 ft WD	
Helideck Capacity	Sikorsky S-61N & S-92 (12.6 MT)		



DRILLING EQUIPMENT

Derrick Capacity	Woolslayer Bolted, 40 x 35 ft @ base; 18 x 18 ft @ Crown x 170 ft clear working height		
Racking Capacity	1.5 million lbs static hook load		
	322 Stands of 5-7/8" drill pipe range II triples x 93 ft (29,946 ft)		
	5 Stands of 8" drill collar range II triples x 93 ft (465 ft)		
	3 Stands of 9-1/2" drill collar range II triples x 93 ft (279 ft)		
PRS	National Oilwell Varco / PRS-8i Racker		
Conveyor	NOV Catwalk Shuttle incl Tail in Arm/CWS-P		
Drawworks	NOV ADS-10T AC, Motors GE GEB-22A2-2, 1400 HP per motor (4200 HP)		
Rotary Table	Varco RST-495 / adapter bushing for 37 1/2" master bushing, Max torque 45,000 ft-lbs		
Iron Roughneck	NOV ST-120, Size range 3-7/8 to 10" OD Max torque makeup/breakout 100,000 / 120,000 ft-lbs		
Top Drive	NOV TDS-8SA, Rated capacity 750 ST, Max intermittent torque 94,000 ft-lbs, Max continuous torque 62,250 ft-lbs, 1 x 1150 HP AC motor		
Catheads	NOV HC-26EV Max line pull 16.5 ST		

CAPACITIES

Diesel	3571 bbls	Drill water	22,325 bbls
Potable Water	3,675 bbls	Bulk Storage	14,973 cu.ft
Sack Storage	5,000 sacks	Base Oil	1204 bbls
Brine	1,412 bbls	Liquid Mud	4,520 bbls

OTHER PARTICULARS

Accommodations	120 Persons
Jacking System	GustoMSC GLL-U1370-100, 54 drive pinions, maximum jacking capacity 47,142 kips

Mud Pumps	3 x NOV 14-P-220, maximum pump working pressure 7500 psi.
Shakers	4 x Derrick HYPERPOOL
BOP Controls	NOV, Local control, remote control in drillers cabin and OIM office and Toolpusher office
C & K Manifold	1 x NOV API 16C 3 ¹ / ₁₆ " 15k Upstream / 3 ¹ / ₁₆ " 15k Down Stream
Mud Manifold	1 x API 6A PSL dual 5" NB 7,500 psi WP
Cement Manifold	1 x API 6A PSL single 2" NB 15,000 psi WP
Cement Unit	N/A (Provision at FWD lower deck of cantilever)

POWER GENERATION

Main Engines	5 x CAT 3516 C Diesel engines, rated at 1603 kW , at 1200 rpm c/w, 5 x ABB AC Generators, Type: AMG 0500LN06 DAP, 1534 kW@1200 rpm, 690V, 60Hz.
Emergency Power	1 x CAT C32 Diesel engine, rated at 1333 kW, at 1800 rpm c/w 1 x ABB AC Generator, Type: AMG 0500SC04 DAP, 910 kW @ 1800 rpm, 480V, 60Hz. Capable to Back feed to main bus

HANDLING SYSTEMS

Deck Cranes	3 x Favelle Favco c/w 135 ft boom, main hoist ratings – 50 short tons @ 32 ft radius and 9 short tons @ 136 ft radius (on-platform), whip line rating – 10 short tons@138 ft radius (on-platform).
Pipe handling	1 x NOV Knuckle boom crane with 3 ½ - 20" gripper yoke. Boom length 25m, 5.5 MT@25m, 12MT@12m, with gripper yoke SWL 3.5MT.
BOP Handling	2 x Ingersoll Rand pneumatically operated BOP hoists each with a capacity of 75 MT
Conductor Tensioner	TSC / 24262, 225 MT/496 kips capacity CTU with 350mm/13-3/4" stroke suitable for maximum 30" conductor

LIFESAVING SYSTEMS

Lifeboats	3 x 60 man capacity JIANGSU JIAOYAN davit launched Totally Enclosed lifeboats, 3 85 KN capacity JIANGSU JIAOYAN/JYP85 davit launched lifeboats (Total 150% of POB)
Life rafts	6 x 25 man model RFD Surviva MK IV inflatable liferafts Located on each port and starboard (125% of POB) 3 port and 3 starboard on the main deck
Lifejackets	184 lifejackets
Lifebuoys	8 installed in accordance with IMO MODU & SOLAS