

# ARAS DRILLER



STANDARD SPECIFICATION JACK-UP

GENERAL DESCRIPTION		STORAGE CAPACITIES	
Design / Generation	82-SD-C	Fuel Oil	2118 bbls
Constructing Shipyard	Marathon Letourneau, Vicksburg Mississippi	Liquid Mud	1,756 bbls
Year Entered Service /		Drill Water	4600 bbls
Significant Upgrades	1979	Potable Water	2983 bbls
Classification	PHRS, A1, Self-Elevating Drilling Unit	Barite/Bentonite	3900 cu-ft
Flag	Liberian	Bulk Cement	3900 cu-ft
Overall Dimensions	207.33 ft length x 176.00 ft Breadth x 20.00 ft depth	Sack Storage	3000 sacks
Legs	(3) 393.82ft. long, Triangular	<b>BOP &amp; WELL CONTROL EQUIPMENT</b>	
Draft	11.2ft at load line	BOP Ram	(1) Cameron Single "U" ram 13-5/8" 10k psi BOP
Accommodation	100 persons	BOP Ram	(1) Cameron Double "U" ram 13-5/8" 10k psi BOP
Displacement	14692 kips	BOP Annular	(1) Hydril GK Screw Top 13-5/8" 5,000psi annular preventer
Variable Load (spud cans full)	4,373 kips operating / 2,374 kips transit	BOP Handling	(2) Ingersoll Rand 25MT
Transit Speed	up to 4 knots, @ 9,000 hp sea tug	Diverter	(1) Hydril 29" MSP 2000psi wp
Operating Water Depth	280 ft. designed / 280 ft. outfitted	<b>CRANES</b>	
Maximum Drilling Depth	20,000ft	Cranes	(2)Letourneau PCM 120, 50st capacity,100ft boom (1)Letourneau PCM 120, 42st capacity,120ft boom
<b>DRILLING EQUIPMENT</b>		<b>JACKING SYSTEM</b>	
Derrick	Pyramid, Beam leg type; 160 ft high with 30 ft x 30 ft base	Man/Model	Letourneau/Pinion Gear
Hook-load Capacity	1,000,000 lbs. gross nominal capacity	Points	12 per Leg
Cantilever/ Drill floor	40 ft / 12 ft Port & Stbd	Jacking Load (Max)	2491 Kips
Drawworks	Continental Emsco C2-1600hp, 1000ft 1-3/8" Drill line	<b>SPECIAL FEATURES &amp; OTHER INFORMATION</b>	
Rotary Table	Continental Emsco T3750 37.5" table opening	Helideck	Rated for 6.8 MT Bell-412ST, CAP 437
Top Drive	Varco Model TDS-4S Electric 500 st,1300 HP		
Mud Pumps	(3) Continental FB1600 60 triplex pumps, 5000 psi rated		
Solids Control	(4) Derrick Linear Shale Shakers		
<b>POWER &amp; MACHINERY</b>			
Main Power	(3) EMD diesel engines rated at 2,290hp at 900 rpm		
Emergency Power	(1) Caterpillar D399 diesel engine rated at 1,500kw		



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These specifications are intended for general reference purposes only, as actual equipment and specifications may vary based upon subsequent changes, the contract situation and customer needs. All equipment shall be operated and maintained at all times, in compliance with Amwaj Trading Establishment standard operating manuals, policies and procedures, and within its stated operational limits or continuous rated capacity, in order to assure maximum operational efficiency.