

GSP ATLAS



GENERAL

Year built	1985
Major Upgrades	2006
Design	Sonnat Offshore Company.
Previous Name	N/A
Flag	Malta
Classification Agency	Germanisher Lyold
Dimensions	172 ft x 134 ft x 21 ft

Tranzit Draft	32 ft
VDL - Operating	4,850 kips
VDL - Survival	3,940 kips

Outfitted Max WD	300 ft
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Min WD	32 ft
Leg Length	400 ft

- usable below hull	355 ft
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Leg Spacing	126 ft longitudinal, 109 ft transversal
Spudcan Diameter	38.83 ft
Max Drilling Depth	25,000 ft
Cantilever Envelope	55 ft aft x 20 ft transverse
Max. Combined Load	1,168 kips
Quarters	90 + 2 hospital
Helideck Size	80 ft x 80 ft
Helideck Capacity	16,310 lbs
Helideck Certification	IMO

DRILLING PACKAGE

Derrick (SWL)	1,520 kips
Racking Capacity	16,000 ft 5"DP + 4,000 ft 3-1/2" DP
Drawworks	Upetrom, 2500 HP DC
Rotary Table	Upetrom, 37.5"
Top Drive	Varco 11 SA - 500 T
- continuous torque	37,500 ft lbs
Pipe handling	Varco ST 80 Iron Roughneck

MUD SYSTEM

Pressure Rating	5,000 psi
Pumps	2 ea triplex 1600 hp Continental Emsco FA
Solid Control	1 ea triplex 1600 hp Upetrom 4 nos Brandt VSM 300 Shale Shakers 1 Mud Cleaner VSM 300 16 /0 Brandt 1 ea Brandt SRS-3 1500 GPM De-sander 1 ea Brandt SE-20 1300 GPM De - silter 2 ea SCS 142 & SCS 152 Variable speed Centrifuges Lobestar Shear Mixer



CAPACITIES

Diesel	1,635 bbls
Drill water	3,648 bbls
Potable Water	1,272 bbls
Bulk Product	9,220 cu ft
Sack Storage	3,000 sx
Base Oil	920 bbls
Brine	921 bbls
Liquid Mud	1,880 bbls
Mudpits (excl. slug/mix)	4

WELL CONTROL

Diverter	30" x 500psi
Low pressure BOP	1 ea 21-1/4" x 2,000 psi annular
	2 ea 20-3/4" X 3,000 PSI Shaffer single preventer
High pressure BOP	1 ea 13-5/8" x 5,000 psi "GK" annular
	1 ea 13-5/8" x10,000 psi "U" Cameron double preventer
	1 ea 13-5/8" x10,000 psi "U" Cameron single preventer
Choke & Kill Manifold	10,000 psi, 2 automatic +1 manual chokes

CRANES

Pedestal Cranes	2 ea AmClyde 10000 HD National Oil Well 1 ea AmClyde 10000 LD National Oil Well
API SWL	40 MT @ 19.7ft 25 MT @ 24.6ft
BOP Crane	4 ea 25 MT air hoists Ingersoll Rand

POWER

Main Engines	5 ea CAT 3512 B DI-TA
Total Power	8,430 hp
Main Generators	5 ea Leroy Somer LSA 5.2.F.55
Emergency Power	1 ea CAT C18 DI-TA, 590 hp

OTHER

Mooring System	2 ea 20T winches
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TUBULARS

Drill pipes	16,000 ft 5" S 135
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FEATURES

Helo refueling system
V436 VARCO Auxiliary brake
Autodriller
MD Totco Spectrum 1000 RigSense Drilling
Instrumentation

