

Catalog

2286m Semi-Submersible Drill Rig





2286m Semi-Submersible Drill Rig

2286m (7500ft) Semi-Submersible Drill Rig is dynamically positioned, ultra-deepwater rigs capable of working in water depths of up to 2286 meters deep.



Specifications/General Data

Classification: +A1, E, Column Stabilized Drilling Unit, +AMS, +DPS3, +ACCU Self Propelled

Accommodation: 130 Berths

Helideck: S61N and Super Puma

Moon Pool: Moon Pool free clearance of 26.2 ft. (8m) wide x 134.5 ft. (41m) long and 32.8 ft. (10m) true vertical clearance

Station Keeping: Dynamically Positioned

Max Drill Depth: 35,000 ft / 10,668 m

Max Water Depth: 7,500 ft / 2,286 m

Operating Conditions: Wind: 70 knots; Waves period 10 seconds; Current: 3.1 knots

Storm Conditions: Wind: 97 knots; Waves period 12 seconds; Current: 5.8 knots

Technical Dimensions

Length:	106 m (349 ft)
Breadth:	69 m (226 ft)
Depth:	34 m (112 ft)
Operating Draft:	20 m (65 ft)
Ocean Transit Draft:	10 m(32 ft)
VDL-Operating:	6,000 mt (6,612st)

Capacities

Liquid Mud:	715 cu m (4,500 bbls; 25265 cu ft)
Drill Water:	1,525 cu m (9,600 bbls; 53,899 cu ft)
Potable Water:	636 cu m (4,000 bbls; 22,458 cu ft)
Fuel Oil:	1,525 cu m (9,600 bbls; 53,899 cu ft)
Bulk Mud:	325 cu m (11,500 cu ft)
Bulk Cement:	325 cu m (11,500 cu ft)
Sack Material:	10,000 sacks

Drilling Equipment

Derrick:	Joseph Paris 190ft Tri-Act Derrick: 2550mt nominal capacity
Drawworks:	HITEC/Dreco Active Heave Compensating Drawworks
Motion Compensator:	N/A
Top Drive:	Canrig 1275E, 762mt
Rotary:	BJ Varco RST 60½in opening
Mud Pumps:	4 x National 14P220, 7500psi
Mud Pumps:	4 x Marathon LEWCO\Le Tourneau W-2215 Single Acting Triplex Mud Pump rated 7,500 psi for 2,200 maximum input HP at 110 maximum spm
Shale Shakers:	6 x Fluid Systems 50/500 B3X Cascade Shale Shakers.
Desander:	1 x Fluid Systems Mod DSR4H (2000 gpm)
Desilter:	2 x Fluid Systems 22 cone
BOP:	Cameron Type TL 18 ¾
LMRP:	1 x Cameron Type DL Dual, 18¾in, 10,000 psi
Diverter:	Hydril, 59½in, 500psi, 12in overboard line size
Control System:	Cameron Multiplex System
Riser:	Vetco MR10 GS
Riser Tensioners:	6 (dual) x Retsco, 200 kips
Choke & Kill:	Valves are WOM dual 3-1/16
Cementing:	(as per customer request)



Machinery

Main Power:	6 x CAT 3616, 4.84 MW max output; 6 X Kato C183-2383; 4400eKW/5500KVA/290A/0.8PF
Emergency Power:	CAT 3512, 1200 hp, 910eKW generator
Power Distribution:	SCR
Deck Cranes:	2 x KENZ, Pedestal Crane; DHC 65/3500 OS. Rated: 65mt at 60ft; 25mt at 130ft
Thrusters:	4 x Kamewa/Mermaid 7MW azimuthal thruster.
Propulsion:	By Thrusters

Mooring Equipment

Winches:	4 (double unit) x BLM Offshore
Wire/Chain:	8 sets, 3.5in wire rope
Anchors:	2 x LWT, 15mt





SATAREM

Hong Kong Office

Unit 1210, Level 12, Landmark North,
39 Lung Sum Avenue, Sheung Shui, N.T., H.K.
Tel : +852 266 818 61
Fax : +852 319 947 55

France Office

75 Boulevard Haussmann
75008 PARIS - FRANCE
Tel : +33 1 79 72 71 71
Fax : +33 1 53 01 34 54

Guangzhou Office

Room 1810-1811 Baiyun Building
N°113 Baiyun Road, Guangzhou 510100
Tel : +86 20 62728715
Fax : +86 20 83292148

Swiss Office

Bundesstrasse 7, 6300 Zug,
Switzerland
Tel : +41 41 729 49 77
Fax : +41 41 729 49 00

Shanghai Office

Room 1601, No.450 Caoyang Road,
Putuo District, Shanghai, China 200063.
Tel : +86 21 52360230
Fax : +86 21 52360231

E-mail : satarem@satarem.com