

## **GVA 10 000**

Semisubmersible drilling rig



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### Operation area

World wide, from mild to harsh environment.

### Operation water depth

100 - 500 m (330-1,640 ft) DP assisted mooring.  
100 - 3,600 m (330-10,000 ft) in DP mode.

### Drilling depth

Up to 12,000 meter (40,000 ft).

### Classification

DNV plus Norwegian Authorities.

### Accommodation

160 persons.



MAIN PARTICULARS		
Length over all	135.7 m	(445.2 ft)
Width over all	108.2 m	(355.0 ft)
Width outside pontoons	78.1 m	(256.2 ft)
Length of pontoons	108.8 m	(357.0 ft)
Height of pontoons	10.9 m	(35.7 ft)
Height to Upper Deck	45.6 m	(149.7 ft)
Height of deck box	8.5 m	(27.9 ft)
Four columns	18.4 x 17.3 m	(60.4 x 56.8)
Light Unit Weight	36,000 mt	(39,680 st)
Transit draught	10.6 m	(34.7 ft)
Transit displacement	48,000 mt	(52,910 st)
Transit deck & column Pload	7,000 mt	(7,720 st)
Operation draught	23.6 m	(77.6 ft)
Operation displacement	66,000 mt	(72,750 st)
Operation deck & column Pload	10,000 mt	(11,020 st)
Survival draught	19.6 m	(64.4 ft)
Air gap in survival	17.5 m	(57.4 ft)

MAIN MARINE SYSTEMS/EQUIPMENT		
Power generation	8 x 5,500 kW	
Thrusters	8 x 4,000 kW	
Thruster control	DP 3	
Mooring system	8 point, all chain	
Main deck cranes	2 x 80 mt	(2 x 88 st)

MAIN DRILLING SYSTEMS/EQUIPMENT		
Derrick for up to 135 ft stands	1,135 mt	(1,250 st)
Top drive	1,135 mt	(1,250 st)

MAIN DRILLING SYSTEMS/EQUIPMENT		
Riser tensioners, N-line type	1,630 mt	(1,800 st)
Drilling riser, 75 ft joints	3,500 kips flange rating	
Mud pumps	4 x 1,700 kW	
BOP Stack	15,000 psi, 6 rams	

TANK/STORAGE CAPACITIES		
Fuel oil	4,600 m³	(28,930 bbls)
Drill water	2,900 m³	(18,240 bbls)
Potable water	750 m³	(4,720 bbls)
Mud storage, col+port	1,830 m³	(11,510 bbls)
Mud pits	900 m³	(5,660 bbls)
Brine	900 m³	(5,660 bbls)
Base oil	900 m³	(5,660 bbls)
Bulk mud	620 m³	(22,000 ft³)
Bulk cement	280 m³	(10,000 ft³)
Sack storage	7,500 SK	

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