

**GVA 10 000**  
Semisubmersible drilling rig



## GVA 10 000

<b>Operation area</b>	World wide, from mild to harsh environment.
<b>Operation water depth</b>	100 - 500 m ( 330-1,640 ft ) DP assisted mooring. 100 - 3,600 m ( 330-10,000 ft ) in DP mode.
<b>Drilling depth</b>	Up to 12,000 meter ( 40,000 ft ).
<b>Classification</b>	DNV plus Norwegian Authorities.
<b>Accommodation</b>	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 17.3m	(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 P.load	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 P.load	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 m <sup>3</sup>	(28,930 bbls)
Drill water	2,900 m <sup>3</sup>	(18,240 bbls)
Potable water	750 m <sup>3</sup>	(4,720 bbls)
Mud storage, col+pont	1,830 m <sup>3</sup>	(11,510 bbls)
Mud pits	900 m <sup>3</sup>	(5,660 bbls)
Brine	900 m <sup>3</sup>	(5,660 bbls)
Base oil	900 m <sup>3</sup>	(5,660 bbls)
Bulk mud	620 m <sup>3</sup>	(22,000 ft <sup>3</sup> )
Bulk cement	280 m <sup>3</sup>	(10,000 ft <sup>3</sup> )
Sack storage	7,500 SX	

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