



# GVA 10000

SEMI-SUBMERSIBLE DRILLING RIG

## GVA 10000

<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 - 12,000 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 17.3 m	(60.4 x 56.8 ft)
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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