



# GVA 7500

6<sup>th</sup> Generation Drilling Semi-submersible



## GVA 7500

<b>Operation area</b>	Worldwide use including North Sea. From mild to Harsh Weather Condition
<b>Operation water depth</b>	3,000 m (10,000 ft)
<b>Drilling depth</b>	Up to 12,000 meter (40,000 ft)
<b>Regulations</b>	Norwegian NMD & PSA, UK HSE, US Coast Guard IMO MODU Code 2001, IMO DP Class 3
<b>Classification</b>	DNV, ABS or Lloyd's
<b>Accommodation</b>	160 persons



### Features:

- Designed to be operational year around in ultra deep water
- Favorable motion characteristics for efficient and reliable operation also in harsh weather conditions
- Suitable for both exploration and development drilling
- Variable deck load capacity 7500 mt in operational and survival conditions
- Low operation and maintenance costs
- Large deck area for storage of cargo

MAIN PARTICULARS		
Length over all:	118.6 m	389.1 ft
Width over all:	96.7 m	317.3 ft
Width outside pontoons:	78.1 m	256.2 ft
Length of pontoons:	108.8 m	357.0 ft
Height of pontoons:	10.2 m	33.6 ft
Height to Main Deck:	45.0 m	147.6 ft
Height of deck box:	8.5 m	27.9 ft
Four columns:	18.4 x 14.4 m	60.4 x 47.2 ft
Transit draught:	9.9 m	32.3 ft
Transit displacement:	41,300 mt	45,522 st
Transit deck & column P.load:	5,800 mt	6,393 st
Operation draught:	23.0 m	75.5 ft
Operation displacement:	56,150 mt	61,890 st
Operation deck & column P.load:	7,500 mt	8,267 st
Survival draught:	19.0 m	62.3 ft
Air gap in survival:	17.5 m	57.4 ft

### MAIN MARINE SYSTEMS/EQUIPMENT

Power generation:	8 x 5,040 kW	8 x 6,700 HP
Thrusters:	8 x 3,800 kW	8 x 5,100 HP
Thruster control:	DP 3	
Mooring system:	8 point mooring, all chain	
Main deck cranes:	2 x 85 mt	2 x 93 st

### MAIN DRILLING SYSTEMS/EQUIPMENT

Derrick for up to 135 ft stands:	908 mt	1,000 st
Top drive:	908 mt	1,000 st
Drawworks	908 mt	1,000 st
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	4 x 2,200 HP
BOP Stack:	15,000 psi, 6 rams	

### TANK/STORAGE CAPACITIES

Fuel oil:	3,000 m <sup>3</sup>	18,870 bbls
Drill water:	2,600 m <sup>3</sup>	16,350 bbls
Potable water:	1,300 m <sup>3</sup>	8,180 bbls
Mud storage, col+pont:	1,600 m <sup>3</sup>	10,060 bbls
Mud pits:	900 m <sup>3</sup>	5,660 bbls
Brine:	750 m <sup>3</sup>	4,710 bbls
Base oil:	750 m <sup>3</sup>	4,710 bbls
Bulk mud:	620 m <sup>3</sup>	22,000 cbft
Bulk cement:	280 m <sup>3</sup>	10,000 cbft
Sack storage:	250 m <sup>2</sup>	2,690 sqft

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