



# GVA 5800

HEAVY DUTY DEEP WATER DRILLING SEMI-SUBMERSIBLE

## GVA 5800

<b>Operation area</b>	Moderate environment
<b>Operation water depth</b>	2,400 m (80,000ft)
<b>Drilling depth</b>	Up to 10,660 meter (35,000 ft)
<b>Regulations</b>	IMO MODU Code 2001, IMO DP Class 3
<b>Classification</b>	DNV, ABS or Lloyd's
<b>Accommodation</b>	160 persons



### Features:

- Variable deck load capacity 6500 mt in operational and survival conditions
- Favorable motion characteristics for efficient and reliable operation also in severe weather conditions
- Low operation and maintenance costs
- Large deck area for storage of cargo

### MAIN PARTICULARS

Length over all:	113.7 m	373.0 ft
Width over all:	93.6 m	307.1 ft
Width outside pontoons:	76.8 m	252.0 ft
Length of pontoons:	108.8 m	3,570 ft
Height of pontoons:	9.6 m	31.5 ft
Height to Main Deck:	42.5 m	139.4 ft
Height of deck box:	8.5 m	27.9 ft
Four columns:	14.0 x 14.1 m	45.9 x 46.3 ft
Transit draught:	9.3 m	30.2 ft
Transit displacement:	30,450 mt	33,563 st
Transit deck & column P.load:	5,000 mt	5,511 st
Operation draught:	23.0 m	75.5 ft
Operation displacement:	44,300 mt	48,828 st
Operation deck & column P.load:	6,500 mt	7,164 st
Survival draught:	19.0 m	62.3 ft
Air gap in survival:	15.0 m	49.2 ft

### MAIN MARINE SYSTEMS/EQUIPMENT

Power generation:	8 x 4,700 kW	8 x 6,500 HP
Thrusters:	8 x 3,500 kW	8 x 4,700 HP
Thruster control:	DP 3	
Mooring system:	Emergency mooring only	
Main deck cranes:	2 x 80 mt	2 x 88 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, wireline type:	1,180 mt	1,300 st
Drilling riser, 75 ft joints:	2,500 kips flange rating	
Mud pumps:	4 x 1,700 kW	4 x 2,200 HP
BOP Stack:	15,000 psi, 5 rams	

### TANK/STORAGE CAPACITIES

Fuel oil:	3,000 m <sup>3</sup>	18,867 bbls
Drill water:	2,800 m <sup>3</sup>	17,609 bbls
Potable water:	470 m <sup>3</sup>	2,956 bbls
Mud storage, col+pont:	1,000 m <sup>3</sup>	6,289 bbls
Mud pits:	800 m <sup>3</sup>	5,031 bbls
Brine:	550 m <sup>3</sup>	3,459 bbls
Base oil:	550 m <sup>3</sup>	3,459 bbls
Bulk mud:	620 m <sup>3</sup>	21,895 cbft
Bulk cement:	280 m <sup>3</sup>	9,888 cbft
Sack storage:	150 m <sup>2</sup>	1,615 sqft

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