

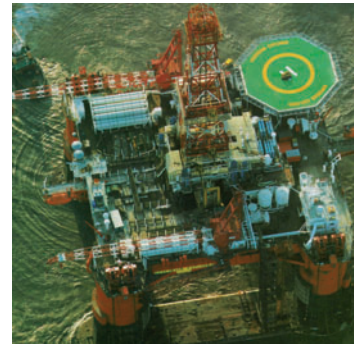


GVA 4000

SEMI-SUBMERSIBLE DRILLING RIG

GVA 4000

Operation area	Worldwide including North Sea
Operation water depth	1,800 m (6000 ft)
Drilling depth	Up to 9,140 m (35,000 ft)
Regulations	IMO MODU Code 2001, IMO DP Class 2
Classification	DNV, ABS or Lloyd's
Accommodation	100 persons



Features:

- Designed with sufficient capacity and flexibility to facilitate both exploration and production drilling
- Favorable motion characteristics for efficient and reliable operation also in severe environmental conditions
- Fully integrated fluid handling system with segregated mud and brine system with tanks in the pontoons
- Low operation and maintenance costs
- Large deck area for storage of equipment

MAIN PARTICULARS

Length over all:	101.6 m	333.3 ft
Wi all:	78.8 m	258.7 ft
Width outside pontoons:	73.4m	240.8 ft
Length of pontoons:	80.6 m	264.3 ft
Height of pontoons:	7.5 m	24.6 ft
Height to Main Deck:	36.5 m	119.8 ft
Height of deck box:	8.0 m	26.2 ft
Four columns:	14.2 dia.m	46.6 dia ft
Transit draught:	7.2 m	23.4 ft
Transit displacement:	21,000 tonnes	23,147 s. tons
Transit deck & column P.load:	3,200 tonnes	3,527 s. tons
Operation draught:	20.5 m	67.3 ft
Operation displacement:	29,700 tonnes	32,736 s. tons
Operation deck & column P.load:	4,200 tonnes	4,629 s. tons
Survival draught:	16.2 m	53.1 ft
Air gap in survival:	12.0 m	39.4 ft

MAIN MARINE SYSTEMS/EQUIPMENT

Power generation:	6 x 3,700 kW	6 x 4,960 HP
Thrusters:	6 x 3,000 kW	6 x 4,020 HP
Thruster control:	DP 2	
Mooring system:	Emergency Mooring	
Main deck cranes:	2 x 60 tonnes	2 x 66 s. tons

MAIN DRILLING SYSTEMS/EQUIPMENT

Derrick for up to 124 ft stands:	680 tonnes	750 s. tons
Top drive:	680 tonnes	750 s. tons
Drawworks	680 tonnes	750 s. tons
Riser tensioners, wireline type:	2,500 tonnes	960 s. tons
Drilling riser, 75 ft joints:	2,500 kips flange rating	
Mud pumps:	3 x 1,700 kW	3 x 2,200 HP
BOP Stack:	15 000 psi, 5 rams	

TANK/STORAGE CAPACITIES

Fuel oil:	2,340 m ³	14,716 bbls
Drill water:	1,660 m ³	10,440 bbls
Potable water:	360 m ³	2,264 bbls
Mud storage, col+pont:	400 m ³	2,516 bbls
Mud pits:	700 m ³	4,402 bbls
Brine:	400 m ³	2,516 bbls
Base oil:	250 m ³	1,572 bbls
Bulk mud:	400 m ³	14,100 cbft
Bulk cement:	200 m ³	7,050 cbft
Sack storage:	7,500 sacks	7,500 sacks

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