

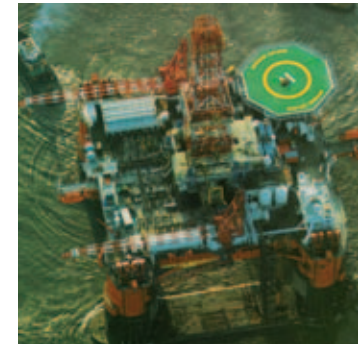
GVA

GVA 4000
Semi-submersible drilling rig



GVA 4000

Operation area	Moderate environment
Operation water depth	1,800 m (6000ft)
Drilling depth	Up to 9,140 meter (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 weather 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 cargo

MAIN PARTICULARS		
Length over all:	101.6 m	333.3 ft
Width over 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 mt	23,147 st
Transit deck & column P.load:	3,200 mt	3,527 st
Operation draught:	20.5 m	67.3 ft
Operation displacement:	29,700 mt	32,736 st
Operation deck & column P.load:	4,200 mt	4,629 st
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 mt	2 x 66 st

MAIN DRILLING SYSTEMS/EQUIPMENT

Derrick for up to 124 ft stands:	680 mt	750 st
Top drive:	680 mt	750 st
Drawworks	680 mt	750 st
Riser tensioners, wireline type:	2,500 mt	960 st
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

Mailing address & Reg. office

GVA Consultants AB
P-O. Box 11450
SE-404 29 Göteborg, Sweden

GVA Consultants Sales Office

Visiting address

Östra Hamngatan 7
411 10 Göteborg

4100 Clinton Drive (01-794)
Houston, TX 77020-6237
USA

Telephone

Nat. 031-10 67 00
Int. +46 31 10 67 00

+1-713 753 4292

E-mail

gva@gvaconsultants.com
www.gvaconsultants.com

gvaus@gvaconsultants.com