

F&G 400 Feet JU2000E & DSJ400 Jack-up Drilling Rigs

GENERAL DESCRIPTION

Quarters Capacity-----	140 Persons
Operating Water Depth-----	400 ft
Drilling Depth-----	30,000 ft
Max. Operating VDL-----	3,766 ton
Max. Survival VDL-----	2,995 ton
Max. Combined Drill Floor Deck Load-----	1,360 ton

VESSEL DIMENSIONS

Length Overall-----	231 ft
Width Overall-----	250 ft
Depth of Hull-----	31 ft
Total Length of Legs-----	548 ft
Center of Fwd.Leg to Cl of Aft Legs-----	150 ft
Center to Center of Aft Legs-----	156 ft
Spud Can Diameter-----	59 ft
Max. Cantilever Outreach-----	75 ft
Max. Drill Floor Offset-----	+/- 15 ft

STORAGE CAPACITIES

Fuel Oil-----	660 cu.m
Drill Water-----	1,584 cu.m
Potable Water-----	545 cu.m
Preload Ballast-----	13,654 cu.m

WELL CONTROL EQUIPMENT

BOP Stack-----	15,000 psi
BOP Service Crane Capacity-----	35 ton
BOP Handling Crane Capacity-----	125 ton
Diverter-----	49-1/2 in

DRILLING EQUIPMENT

Derrick-----	40x40x170 ft
Drawworks-----	4,500 HP
Traveling Block-----	907 ton
Mud Pumps-----	Three 2,200 hp
Max. Hook Load-----	907 ton

CRANES & WINCHES

Deck Crane-----	Three Pedestal Cranes with 120 ft Boom
Knuckle Boom-----	One Knuckle Boom Crane on Cantilever for Pipe Handling
Mooring Winches-----	Four frequency conversion winches with 3000 ft of 2 in wire rope.

RIG POWER SYSTEM

Engines-----	six (6) 900 or 1200 rpm, 690 volt, 3 phase, 60 Hz, total 9000 ekw.
Emergency Generator-----	one (1) 1800 rpm, 480 volts, 3 phase, 60 Hz, 900 ekw.



ENVIRONMENTAL CRITERIA

Water Depth-----	328 ft	350 ft	400 ft
Air Gap-----	65 ft	50 ft	40 ft
Penetration-----	10 ft	10 ft	10 ft

Min. Design Temperature----- -20°C

JACKING SYSTEM

54 pinions with gearing and AC motors

Normal Jacking-----	340 tonnes/Pinion
Preload Jacking-----	521 tonnes/Pinion
Max Static Holding-----	646 tonnes/Pinion
Jacking Speed-----	1.5 ft/Min.

Rack Chocks

54 Tooth Chocks

36 Vertical Screw Jacks

36 Horizontal Screw Jacks

