

- **Enhanced leg design**
- **Extended reach cantilever**
- **Wrap around quarters**
- **Modular hull design**

GENERAL DESCRIPTION	Imperial	Metric
Quarters Capacity	110 man	
Operating Water Depth	300 ft	[91.4 m]
Drilling Depth	30,000 ft	[9,144 m]
Usable Deck Area	17,468 ft <sup>2</sup>	[1,622 m <sup>2</sup> ]
Max. Drilling Variable Deck Load	9,000 kips	[4,082 m.tons]
Max. Survival Variable Deck Load	6,000 kips	[2,722 m.tons]
Max. Combined Drill Floor Deck Load	2,200 kips	[998 m.tons]
Maximum Cantilever Outreach	50 ft	[15.2 m]
Maximum Drill Floor Offset	+/- 15 ft	[+/-4.6 m]

VESSEL DIMENSIONS	Imperial	Metric
Length Overall	206 ft	[62.7 m]
Width Overall	183 ft	[55.7 m]
Depth of Hull	25 ft	[7.6 m]
Total Length of Legs	411 ft	[125.2 m]
Leg Chord Spacing	32 ft 6 in	[9.9 m]
Projection of Legs Below Hull During Tow	none	none
Longitudinal Leg Centers	115 ft	[35 m]
Transverse Leg Centers	120 ft	[36.5 m]
Spud Can Diameter	39 ft 8 in	[12.1 m]

STORAGE CAPACITIES	Imperial	Metric
Fuel Oil	4,050 bbls	[643.8 cu.m]
Drill Water	7,600 bbls	[1,208.3 cu.m]
Potable Water	2,580 bbls	[410.1 cu.m]
Preload Capacity	41,211 bbls	[6,552 cu.m]
Active & Reserve Mud Pits	4,100 bbls	[651.8 cu.m]
Brine	920 bbs	[146.2 cu.m]
Base Oil	901 bbls	[143.2 cu.m]
Slugging Pit Capacity	71 bbls	[11.2 cu.m]
Bulk Mud/Cement	13,950 ft <sup>3</sup>	[395 cu.m]
Sack Storage		5000 sacks
Tubular Storage	3,164.5 ft <sup>2</sup>	[294 m <sup>2</sup> ]

#### MUD CONDITIONING EQUIPMENT

Cascading Shaker System	Four(4) Cascading Shakers
Vacuum Degasser	One(1)

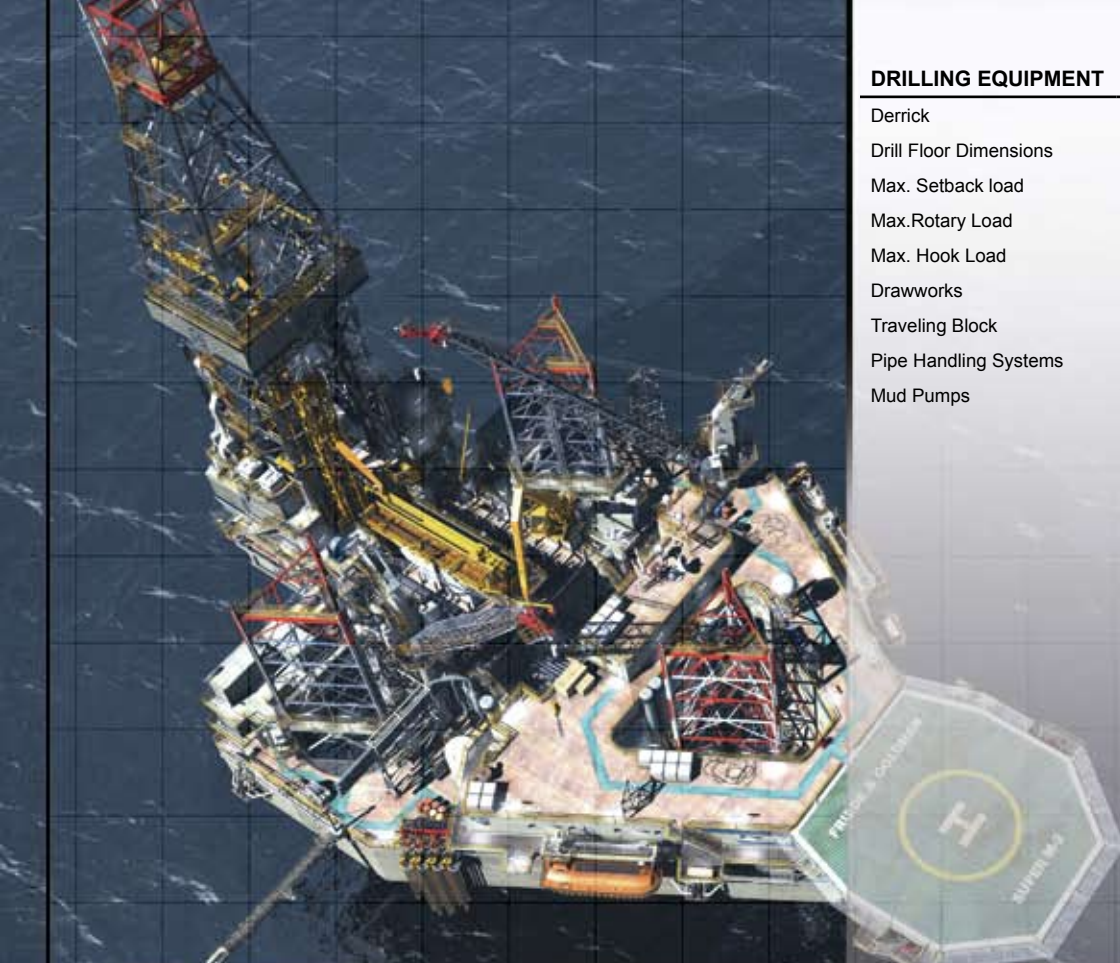
#### WELL CONTROL EQUIPMENT

BOP Stack	183/4 15,000psi	[47.6 cm 1055 kg/cm]
BOP Service Crane Capacity	30 short ton	[27 m.tons]
BOP Handling Crane Capacity	125 short ton	[113 m.tons]
Diverter	491/2 in	[125.7 cm]

Jack-up

**SUPER M2** FRIEDE & GOLDMAN





DRILLING EQUIPMENT	Imperial	Metric
Derrick	35 x 40 x 170 ft	[10.7 x 12.2 x 51.8 m]
Drill Floor Dimensions	44 x 69 ft	[13.4 x 21 m]
Max. Setback load	750 kips	[340 m.tons]
Max. Rotary Load	1,500 kips	[681 m.tons]
Max. Hook Load	1,500 kips	[681 m.tons]
Drawworks	3,000 hp	[2,237 kw]
Traveling Block	1,499 kips	[680 m.tons]
Pipe Handling Systems	Horizontal and Vertical (in stands)	
Mud Pumps	Three 2,200hp	[7,500 psi]

### ENVIRONMENTAL CRITERIA

Water Depth	300 ft [91.4 m]	250 ft [76.2 m]
Max. Wave Height	50 ft [15.2 m]	54 ft [16.4 m]
Wave Period	13.5 sec	13.5 sec
Wind Speed (1 minute mean)	100 kts [51 m/sec]	100 kts [51 m/sec]
Surface Current	0 kts [0.0 m/sec]	1.8 kts [0.9 m/sec]
Air Gap	37 ft [11.2 m]	44 ft [13.4 m]
Penetration	10 ft [3 m]	10 ft [3 m]
Min. Design Temperature	-20°C	

### FRIEDE & GOLDMAN SUPPLIED EQUIPMENT

- Set, Rack Chocks (18 Individual Chocks)
- Set, Electric Driven Jacking System (54 Individual Pinions)
- Lift & Roll Drill Floor Skidding System
- Hydraulic Cantilever Skidding System
- Simultaneous Pipe Handling System (SPHS)
- Overhead BOP Trolley System
- BOP Storage Frames

### CRANE & WINCHES

Deck Crane	Two Pedestal Cranes with 120 ft [36.6m] Boom
Knuckle Boom	One Knuckle Boom Crane on Cantilever for Horizontal Pipe Handling
Mooring Winches	Four 2-Speed Winches with 1,500 ft [457 m] of 1 5/8 in. Wire Rope

### RIG POWER SYSTEM

Engines	Five (5) 3516 B-HD Caterpillar
Emergency Generator	One 3512 B Caterpillar

### SAFETY EQUIPMENT

Lifeboats	Three (3) 55 man SOLAS approved
Life Rafts	Four (4) 35 man SOLAS approved



Jack-up  
**SUPER M2**

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