

- **Enhanced leg design**
- **Extended reach cantilever**
- **Wrap around quarters**
- **Modular hull design**
- **Horizontal pipe handling system**



GENERAL DESCRIPTION	Imperial	Metric
Quarters Capacity	140 man	
Operating Water Depth	400 ft	[122 m]
Usable Deck Area	30,630 ft <sup>2</sup>	[2,845 m <sup>2</sup> ]
Max. Drilling Variable Deck Load	14,300 kips	[6,486 m.tons]
Max. Survival Variable Deck Load	6,600 kips	[2,995 m.tons]
Max. Combined Drill Floor Deck Load	3,000 kips	[1,360 m.tons]
Maximum Cantilever Outreach	75 ft	[22.8 m]
Maximum Drill Floor Offset	+/- 15 ft	[+/- 4.6 m]

VESSEL DIMENSIONS	Imperial	Metric
Length Overall	231 ft	[70.4 m]
Width Overall	250 ft	[76 m]
Depth of Hull	31 ft	[9.5 m]
Total Length of Legs	547 ft	[166.9 m]
Leg Chord Spacing	43 ft	[13.1 m]
Projection of Legs Below Hull During Tow	none	none
Longitudinal Leg Centers	150 ft	[45.7 m]
Transverse Leg Centers	156 ft	[47.6 m]
Spud Can Diameter	59 ft	[17.9 m]

STORAGE CAPACITIES	Imperial	Metric
Fuel Oil	4,150 bbls	[660 cu.m]
Drill Water	9,800 bbls	[1,570 cu.m]
Fresh Water	3,400 bbls	[540 cu.m]
Preload Capacity	84,000 bbls	[13,382 cu.m]
Active & Reserve Mud Pits	4,800 bbls	[763 cu.m]
Brine	1,330 bbs	[211 cu.m]
Base Oil	1,330 bbls	[211 cu.m]
Slugging Pit Capacity	150 bbls	[24 cu.m]
Bulk Mud/Cement	17,660 ft <sup>3</sup>	[500 cu.m]
Sack Storage		5000 sacks
Tubular	13,000 ft <sup>2</sup>	[1,208 m <sup>2</sup> ]

#### MUD CONDITIONING EQUIPMENT

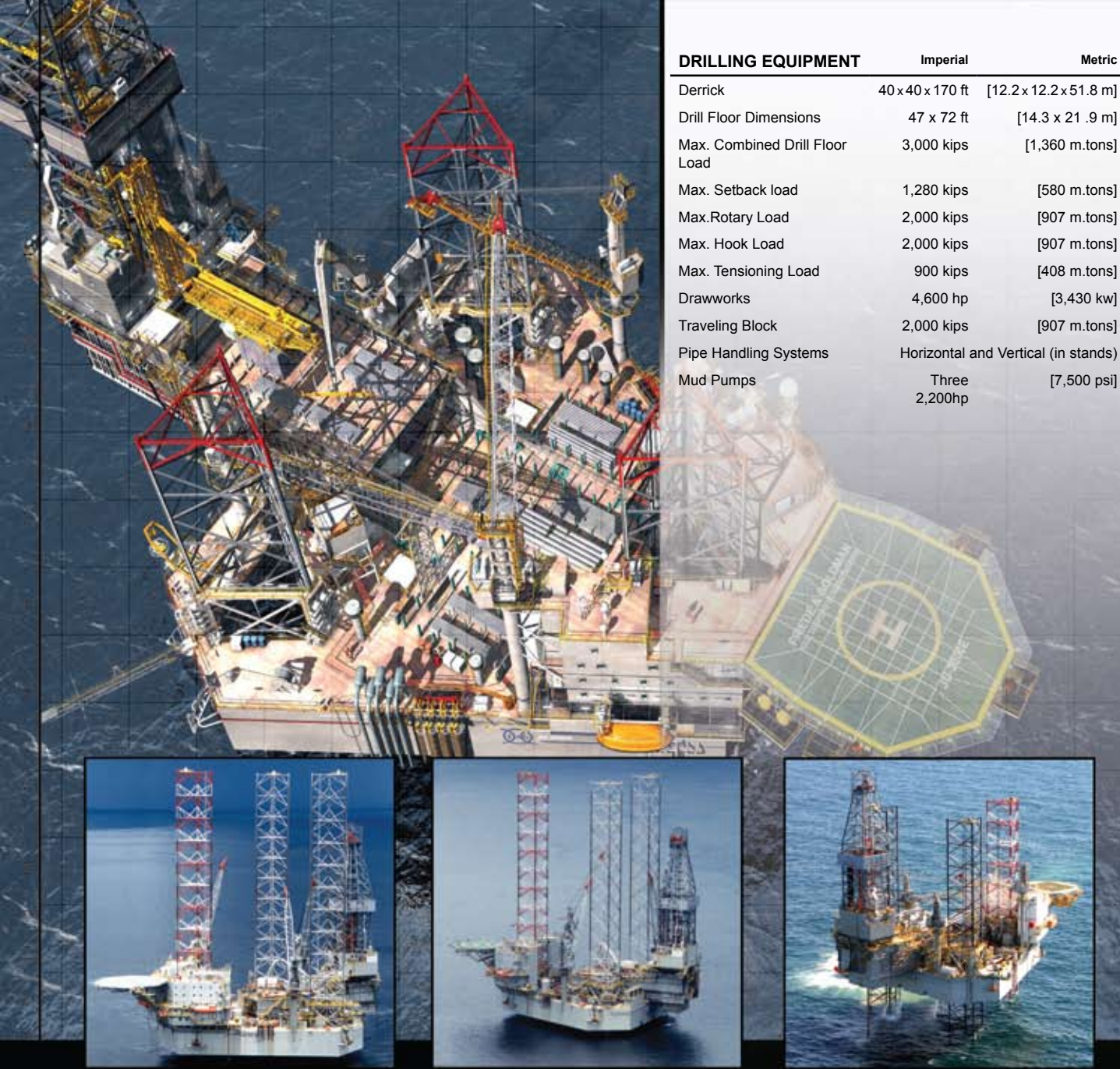
Cascading Shaker System	Gumbo Box Over Triple Scalper Unit Over Six Finishing Units
Vacuum Degasser	One

#### 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	49 1/2 in	[125.7 cm]
Conductor Tensioner System	Primary on Tensioner Platform; Secondary Under Drill Floor	

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DRILLING EQUIPMENT	Imperial	Metric
Derrick	40 x 40 x 170 ft	[12.2 x 12.2 x 51.8 m]
Drill Floor Dimensions	47 x 72 ft	[14.3 x 21.9 m]
Max. Combined Drill Floor Load	3,000 kips	[1,360 m.tons]
Max. Setback load	1,280 kips	[580 m.tons]
Max. Rotary Load	2,000 kips	[907 m.tons]
Max. Hook Load	2,000 kips	[907 m.tons]
Max. Tensioning Load	900 kips	[408 m.tons]
Drawworks	4,600 hp	[3,430 kw]
Traveling Block	2,000 kips	[907 m.tons]
Pipe Handling Systems	Horizontal and Vertical (in stands)	
Mud Pumps	Three 2,200hp	[7,500 psi]

ENVIRONMENTAL CRITERIA			
Water Depth	328 ft [100 m]	350 ft [107 m]	400 ft [122 m]
Max. Wave Height	72 ft [22 m]	67 ft [20.4 m]	60 ft [18.3 m]
Wave Period	15.5 sec	15.5 sec	15.5 sec
Wind Speed (1 minute mean)	87 kts [45 m/sec]	100 kts [51 m/sec]	100 kts [51 m/sec]
Surface Current	1 kts [0.5 m/sec]	2 kts [1 m/sec]	1.5 kts [0.8 m/sec]
Air Gap	65 ft [19.8 m]	50 ft [15.2 m]	40 ft [12.1 m]
Penetration	10 ft [3 m]	10 ft [3 m]	10 ft [3 m]
Min. Design Temperature	-20°C		

**FRIEDE & GOLDMAN SUPPLIED EQUIPMENT**

- (1) Set, Rack Chocks
- (1) Set, Fifty-four Pinion, Electric Driven Jacking System
- (1) Lift & Roll Drill Floor Skidding System
- (1) Cantilever Skidding System
- (1) Simultaneous Pipe Handling System (SPHS)
- (1) Forklift Style BOP Handling System

**CRANE & WINCHES**

- Deck Crane Three 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 3,000 ft [914 m] of 2 in. Wire Rope

**RIG POWER SYSTEM**

- Engines Six (6) 3516 B-HD Caterpillar
- Emergency Generator One 3512 B Caterpillar

**SAFETY EQUIPMENT**

- Lifeboats Three (3) 75 man SOLAS approved
- Life Rafts Six (6) 25 man SOLAS approved

For more information, contact:  
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