



## 60m Self-Elevating Drilling Unit

Listing ID: 1453

<b>DESCRIPTION:</b>	Self-Elevating Drilling Unit
<b>DATE LAUNCHED:</b>	New
<b>LENGTH:</b>	59.745m (196ft)
<b>BEAM:</b>	55.78m (183ft)
<b>LOCATION:</b>	China
<b>BROKER:</b>	Franklin Taylor

### General Description

Gulf Driller V, the Super M2 Self-Elevating Drilling Vessel consists of a modified triangular hull with three (3) triangular truss work legs each fitted with spud cans at their lower ends. The modified triangular hull is 59.745m long, 55.78m wide, and 7.62m deep at the side. The three (3) legs are spaced with the forward leg on the centerline of the vessel and the two after legs 35.055m aft and 18.3m outboard of the centerline of the forward leg. The spud cans which form the lower segments of each leg are 12.09m in diameter and 4.57m high. The drilling depth is 30,000ft. The quarters house is constructed above the main deck and around the bow leg and consists of a four (4) story building for a 110 man crew.

#### General

Class: ABS

Notation: ABS XA1 Self-Elevating Drilling Unit, CDS, CPS, CRC

#### Principal Dimensions

LOA: 59.745m

Beam Overall: 55.78m

Depth moulded: 7.62m

Transit Draught: 4.8m

No. of Legs: 125.3m

Spud can diameter: 12.09m

Spud can height: 4.57m

Drilling Depth: 30,000ft

#### Design Environment

Service Area: TBA

Water Depth: 91.44m

Air Temperature: -10 degree Celsius min to 45 degree Celsius max

Humidity: 30% min to 90% max

Wind Survival Operations: 100 kts

Seawater Temperature: 0 degree Celsius to 35 degree Celsius

Density: 1025 kg/m<sup>3</sup> (For design purposes)

Corresponding Wave Period: 13.5 sec

Wave Height: 15.24m (Survival, of the water depth 300ft);

16.36m (Survival, of the water depth 250ft)

#### Cargo Capacities

Deck Load: 9000 kips

Pipe Rack: 540 lbs/ft<sup>2</sup>

Main deck (outside pipe rack): 540 lbs/ft<sup>2</sup>

Quarter's deck: 90 lbs/ft<sup>2</sup>

House Tops: 150 lbs/ft<sup>2</sup>

Machinery Spaces: 270 lbs/ft<sup>2</sup>

Sack Stores: 540 lbs/ft<sup>2</sup>

#### Machinery / Propulsion

Main Engine and Generators: Caterpillar 3516C HD Offshore

Generator Set: 5 Set, 1603kW, 600V, 60Hz

Emergency: Caterpillar 3412C Emergency

Generator Set: 1 set 730 kW, 480V, 60Hz, 1800rpm  
Fuel Purifier: 250 GPH Two (2) Alpha-Laval MAB or equal  
Oily Water Separator: 5m3/h, the max oil content <15ppm  
Sewage Plant: 1x 110 man capacity, gray & black water  
Preload System: 3 centrifugal, vertical submersible pumps, 500m3/h @ 50m head  
FW Generator: 2x 30m3/D  
Air Compressor: 2x Rig Air Compressor;  
1182m3/h @ 9 bar / 460V-3P-60HZ/IP44  
1x bulk air compressor  
1182m3/h @ 8 bar/460V-3P-60HZ/IP44  
Cargo Pumps: 2x Fuel oil transfer pumps, 13m3/h @ 4.5ba RPM 1750 rpm/460V-3P-60HZ/IP55  
Jacking System: NOV-BLM D60H/Super MOD2  
Rack Chocks Sys: Friede & Goldman Arcos

#### **Fire Fighting & Safety**

Fire Fighting: 2x pumps 160 m3/hr @ 7 bar  
RPM 3500 rpm/460V-3P-60HZ/IP55  
Life Boats: 2x 110 person / diesel drive / speed 6 knot; 1x Rescue Boat (6 men)  
Life Rafts: 5x 25 men

#### **Helideck**

1x Heli-deck suitable for Sikorsky S-61N helicopter

#### **Navigation Equipment**

Including electronic aids, electronic telecommunication system, radio telecommunication equipment, sensing, indicating and control equipment in accordance with the Regulatory Body requirement

#### **Communication Equipment (GMDSS)**

2 Inmarsat C  
2 GMDSS Radio MF / HF  
3 VHF radios  
1 Satellite EPIRB  
1 Navtex receiver  
6 hand held VHF transceiver  
2 Radar Transponder for lifeboats, the other 2 in jacking control room  
1 Aviation VHF installed in the Jacking Control room for Helicopter Communications  
2 Waterproof VHF radios for use in the Survival Capsuled (portable)  
2 VHF located in Jacking Control room (portable)  
2 VHF Radio located in cranes  
6 UHF handheld transceiver  
1 Fleet Broadband 500

#### **Accommodation**

The accommodation and mess facilities are fit for 110 persons. The accommodation shall follow the guidelines for ILO regulations and be able to house 110 men in 4-man cabins (Have Approached Flag state for release)

#### **Refrigerated Storage Capacity**

Cold Store: 1x 13m3 walk in Freezer  
Chiller: 1 x 16m3 walk in Chiller room  
Provisions: 1x 25m3 walk in Provisions room

#### **Deck Machinery**

Main Deck Crane: 1x 120ft 50 ton at 24ft diesel drive; 1x 100ft 50 ton at 21ft / diesel drive  
4 Point Moor System: 4x Single Drum Winches, Brake Hold 1170 kN, first layer  
Anchors: 4x anchors, 3.1752T ea  
Towing Gear: Bridle, 8m x 66mm steel chain; Hook-up, 5 ton Air tugger winch Rating, MBL 320T

**IMPORTANT:** The Company offers the details of this vessel in good faith but cannot guarantee or warrant the accuracy of this information nor warrant the condition of the vessel. A buyer should instruct their agents, or their surveyors, to investigate such details as the buyer desires validated. This vessel is offered subject to prior sale, price change, or withdrawal without notice.

## **60m Self-Elevating Drilling Unit Images**

