



DRILLMEC 1500HP LAND RIG PACKAGE



1500hp AC (60hz) land rig manufactured in accordance with API standards. All equipment will be certified for use in hazardous areas classifications in accordance with API – RP 500 specifications. Suitable for 0°C+55°C temperature range. Designed and manufactured in accordance with API Spec 4F last Edition, standard style.

MAST DRILLMEC DM760

Cantilever mast self elevating, to raise the mast and substructure, only drawworks and mast raising line are requested.

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Clear height from drilling floor 142 ft (43,280 mm)

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Base 25 ft (7,620 mm)

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Static hook load 760,000 lbs (345 metric ton) with 12 lines

SUBSTRUCTURE DRILLMEC DM1300

Substructure is designed in two sections: setback section is raised with mast, and rawworks section is self elevating by raising system and drawworks.

Casing load capacity :760,000 lbs (345 metric ton)

Setback load capacity : 450,000 lbs (204 metric ton)

Simultaneous capacity : 1,210,000 lbs (549 metric ton)

Height from ground floor : 26 ft (7,924 mm)

Clear height under rotary beams : 21 ft (6,400 mm)

DRAWWORKS DRILLMEC MAS 6000

Single drum, electric drawworks, driven by two electric motors (rated input power 1500hp) with chain transmission and mounted on two skid units (drawworks skid, electric motor skid). The Drawworks package will be delivered complete with all necessary lubrication, instrumentation and controls.

ROTARY TABLE 37½"

Made by DRILLMEC with 37.1/2" (953 mm) opening.

POWER CONTROL ROOM

PCR (Power Control Room), made by Omron, include Five (5) Modular drive bays, Three (3) Generator Controls, Control and power interconnections for power Drive Units, distribution transformers, motor control center, and control house to operate:

Equipment:

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Three (3) Diesel Gen , CAT 3512C, 1950KVA, with generator, 600VAC, 3 Phase, 3 Wire, 60Hz.

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Drawworks A: 1,000 HP with One (1) GEB22 AC Motor

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Drawworks B: 1,000 HP with One (1) GEB22 AC Motor

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Rotary Table: 800 HP with One (1) GEB22 AC Motor

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Mud Pump #1: 1,300 HP with Two (2) GEB22 AC Motors

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Mud Pump #2: 1,300 HP with Two (2) GEB22 AC Motors

GROUND HIGH PRESSURE LINE Made by DRILLMEC :

High pressure line on ground level for connecting ground manifold with stand pipe manifold.

AIR UNIT & DRILLING EQUIPMENT

Ingersoll Rand compressor: 2 for Air receivers and 1 for Start air compressor, complete with utility house

RIG INSTRUMENTATION

- Drilling floor instrumentation made by Wagner - Data acquisition system model DMS-Watchdog made by Drillmec.