



Bootstrap drilling rigs

What is a loadmaster bootstrap rig?

The Loadmaster Bootstrap rig features a 142 ft telescoping mast with a maximum rated static hook load of 600,000 lbs on 10 lines. This mast design allows for the V-Door to be located on two sides of the Rig floor, providing flexibility for different well site configurations.

How does a rig mast work?

The mast is anchored at one end and raised into position using the draw-works. Bootstrap masts are used when space is limited. The mast is assembled vertically on the rig floor. Draw-works or hydraulic cylinders are used to raise each section sequentially inside the base of the mast after the boot and top sections are in place.

What is a mast on a drilling rig?

Mast: A structural tower comprised of one or more sections assembled in a horizontal position near the ground and then raised to the operating position. The mast is normally used on land drilling rig types requiring a good deal of mobility; they are rarely used on offshore rigs.

What type of rig does discovery offer?

Discovery offers limited footprint type rigs up to 500 Ton capacity. This design includes Bootstrap type Masts that are raised by the Drawworks and modular box on box type substructures. This design allows for locations where size is limited.

What is the difference between a telescopic mast and a bootstrap mast?

Bootstrap masts are used when space is limited. The mast is assembled vertically on the rig floor. Draw-works or hydraulic cylinders are used to raise each section sequentially inside the base of the mast after the boot and top sections are in place. Telescopic masts make use of several hoisting cables actuated by the draw-works or a winch.

What are self-erecting Offshore Modules platform drilling rigs?

We developed our self-erecting offshore modules platform drilling rigs to help with the heavy lifting of offshore drilling units. Our modular drilling rigs solution is devoid of derrick barge cranes which simplifies the process.

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While there are different types of drilling rigs, these rigs obviously share many similarities since the tasks that they perform are identical. In particular, all modern hydrocarbon rotary rigs ...

The high quality of Sovonex(TM) cantilever, tower, and telescopic masts is the result of years of experience in



Bootstrap drilling rigs

the construction of drilling rigs. Manufactured strictly ...

The masts and substructures of the drilling rigs are divided into double elevating type, once-raised type, continuous lifting type, bootstrap type, telescopic type, ...

We design and manufacture lightweight offshore installation packages such as bootstrap masts, derrick, and many others. We give particular care during the ...

The cantilever masts are designed to make them easy to move, rig-up and maintain. The bootstrap type masts are specifically designed for applications with limited location size such ...

Our land drilling rigs feature a wide work area despite the compact design which provides more space that keeps the drilling crew safe. The advanced ...

Drillmec onshore drilling rigs are designed to work in harsh climatic conditions and environments and capable of handling the most challenging client drilling ...

The field history had shown that replacement wells would soon be required. One drilling rig remained on a 24-slot platform for over eight years, drilling 39 wells and working over many ...

In addition to turnkey rig design services and construction of drilling rigs and drilling facilities, we offer a comprehensive portfolio of offshore equipment for platforms, jack-ups, barges, ...

Land rigs As mechanization made the hunt for hydrocarbons more efficient, it had a direct effect on land rig design. The first land rigs were permanent wooden structures and would be left in ...

Offshore Solutions Drillmec has for decades designed, manufactured and distributed drilling and workover rigs that today operate in more than forty countries on five continents. Drillmec ...

Abstract. The Minimum Area Rig Concept (MARC) is a cost-effective alternative to the typical self-contained platform rig. The MARC rig has been developed to provide a 16,000-ft rated drilling ...

Drilling Equipment Derrick : Hookload / Setback : Drawworks : Racking Capacity : Top Drive : Pipe Handling : Iron Roughneck : Rotary Table : Power Slips : Drilling Line : DES Dry Weight : ...

Drillmec offers a complete line of offshore equipment for platforms, jack-ups, barges, semisubmersibles and drill ships that today operate in more than 40 ...

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Polar is recognized across the globe as an experienced leader in the design and manufacture of offshore drilling derricks and masts. Derricks and masts that we manufacture and build Static ...

[0001] The present disclosure relates in general to drilling rigs, and in particular to an automated bootstrap quad-mast rig. [0002] Drilling operations often require intermittent removal of a drill ...

An offshore platform, oil platform, or offshore drilling rig is a large structure with facilities for well drilling to explore, extract, store, and process petroleum and natural gas that lies in rock ...

We supply cantilever and bootstrap type masts (API 4F) with static hook load 500,000, 750,000, 1,000,000 and 1,500,000 lbs for land and offshore drilling ...

Loadmaster's series of vertically assembled telescoping offshore masts, also known as "Bootstrap" masts are configured for the mobility required in the Gulf of Mexico market and ...

Strong API Masts & Derricks The high quality of Highdrilling cantilever, tower, and telescopic masts is the result of years of experience in the construction of drilling rigs. Manufactured ...

Description BACKGROUND OF THE DISCLOSURE The present disclosure relates in general to drilling rigs, and in particular to an automated bootstrap quad-mast rig. Drilling ...

With the advantage of a holistic product portfolio in Drilling Equipment and Drilling Enhancement Software, we enable our customer to lift a standard Spec Rig to a Super Spec Rig meeting ...

The experience at DSL in the design and manufacture of Offshore Drilling Derricks & Masts stands as one of the best in the Industry. Over 25 years of ...

Drilling Rigs With Bauer drilling rigs, you can accomplish your specialist foundation engineering projects in an efficient, safe and sustainable manner. ...

Through electromagnetic noise examples from an operating oil field, located near Northwest of China, we demonstrate the drilling site noise data with different drill rigs and in ...

The Minimum Area Rig Concept (MARC) is a cost-effective alternative to the typical self-contained platform rig. The MARC rig has been developed to provide a 16,000-ft rated drilling rig which ...

A side saddle slingshot drilling rig includes a left and right substructure including a left and right lower box. The side saddle slingshot drilling rig includes a drill rig floor mechanically and ...

Based on a legacy of more than 1 000 Pyramid(TM) masts and derricks since 1956, HMM provides mast and sub-structures according to your specifications and ...



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ROTARY EQUIPMENT Rotary table type: Kerui ZP 375 Rotary table opening: 37 1/2" Rotary Table capacity: 596t Driven by: AC electric motor Swivel type: integrated with TD Swivel ...

Web: <https://www.kwa-andries.co.za>