



Zeku Engineering Hydraulic Drilling Rig

What makes drillmec HH series rigs different?

Drillmec fused all these criteria in the HH Series rigs. This series of hydraulic drilling machines are specially designed for safety, efficiency, and speed as well. This is a masterpiece rig ready to deliver optimal results safely. The HH Series began in 1993 as simple and regular hydraulic rigs for drilling water wells.

What is a hydraulic rig machine?

This hydraulic rig machine is a robust and powerful automated rig offering a high level of safety while delivering outstanding and superlative performance. The advanced automation allows for the central control of most routine drilling operations such as tripping in and out of drill strings with minimal manpower and less time.

What makes drillmec hydraulic drilling rigs unique?

Drillmec's Hydraulic drilling rigs emerged from the need to meet the demands of today's E&P companies that require a rig with high performance, lower NPT, lower operational cost, least environmental impact, and high safety.

What is a hydraulic drilling machine?

This hydraulic drilling machine features a powerful hydraulic cylinder which is the main hoisting element. It does not have a regular mast structure, drawworks, long wires and travelling equipment as with the conventional rigs. It has a compact design with a reduced height and dropped objects which creates a smaller carbon footprint.

Why should you choose drillmec rigs?

Through the years, Drillmec has extended the desert rigs capacities, models and designed in order to satisfy different needs and serve all the purposes. Drillmec has built and supplied more than 80 rigs operating in various arctic regions worldwide.

How much torque does a hydraulic rig have?

This ensures proper resource utilization while reducing non-productive time. This hydraulic rig delivers top drive torque range of 13,560 Nm (10,000 lbs/sq.ft.) to 52,230 Nm (38,522 lbs/sq.ft.) and speed of between 120 rpm to 200 rpm. It is available in ratings between 55 metric tons (122,000 lbs) to 317 metric tons (700,00 lbs).

Hydraulic drilling rigs stand at the forefront of land-based heavy machinery used extensively in resource extraction and construction industries. Unlike mechanical or pneumatic rigs, hydraulic ...

How Does a Drilling Rig Work? The operation of a drilling rig involves several key components and processes. Here's a step-by-step breakdown of how a typical drilling rig works: 1. Power ...



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Products Our company's main products include mini excavators, wheeled excavators, tracked excavators, loaders, rollers, hydraulic breakers, drilling ...

It includes all the basic aspects of drilling engineering including rig operations, drilling hydraulics, cementing jobs, drilling fluids, drillstring, bit and casing design, and horizontal and directional ...

The HH Series began in 1993 as simple and regular hydraulic rigs for drilling water wells. It was then modified and improved to meet and surpass the demands of oil and gas drilling with the ...

The high-torque rotator (up to 2340kgm or 16850 ft.lb torque) make it suitable for micropile and DTH drilling application. With the optional feature, 'side swing device', the rig will have some ...

? JY Series Full-Hydraulic Core Drilling Rig Powerful, efficient, and built for tough jobs! Wide applications: mineral exploration, water wells, oil & gas, and engineering projects Advanced ...

Identity Safety, environment and innovation At the core of our company's identity lie three principles: safety, environment and innovation. Our worldwide ...

This document is a textbook on drilling engineering that covers topics such as rotary drilling rig components and systems, geomechanics, drilling hydraulics, ...

The drilling rig is mainly suitable for the construction of RC reverse circulation, ground source heat pump holes, urban deep foundation pit support and foundation reinforcement engineering ...

ZODRECO specializes in the engineering, design and manufacturing of oilfield drilling equipment and rig packages. Provided are engineering and design services for various topsides of fixed ...

Hydraulic drilling rigs, drilling accessories, know-how and service for civil engineering and geothermal applications Hütte Bohrtechnik is a global leader ...

Course Outcomes Explain drilling hydraulic and do drilling hydraulic calculations such as pressure loss of the rig system etc. Design well casing and do all necessary calculations related to ...

Ranger(TM) DX800 is a hydraulic, diesel-powered, self-propelled top hammer drill rig with an ergonomic cabin and rod handling system. Typical applications are ...

ZZ Group machinery corp is a manufacturer who designs and produces geological exploration equipments (like drill rigs), coal bed methane equipments (like CBM drill rig), engineering ...

Explore the different types of drilling rigs from the oil and gas industry and understand how each one is built for specific depths, locations, and power needs.



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The MC 12 is a versatile and powerful hydraulic drilling rig designed for civil engineering works such as micropiles, anchors, jet grouting and ground ...

Drilling rig is a heavy mechanical equipment used for drilling strata, mining resources or conducting geological surveys. Whether it is oil and gas extraction, water well ...

These CFA rigs are suitable for Geotechnical, environmental and general smaller drilling applications down to around 15M with 90mm augers. Options include ...

Hydraulic rig drilling generates formation cuttings and requires the same attention to drilling hydraulics as conventional drilling. The major difference is that hydraulic drilling rigs that use ...

JK Drilling provides a variety of DTH drilling rigs applicable to hydropower engineering. With a robust design of drilling units, undercarriages and power systems, they ensure drilling ...

Drilling Rig For Sale We offer a full range of drilling rigs serving the geotechnical, environmental, geothermal, core, oil and gas, water well and blast hole drilling industries. jk Drilling's ...

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Drilling rigs types encompass a wide range of machinery designed for various drilling projects. These machines, essential in the extraction of resources like oil, natural gas, ...

Epiroc is a one of the leading drill rig manufacturers in the world. We offer rock drilling machines and other equipment for many different applications. For example; oil and gas, construction ...

JK590BC crawler mounted hydraulic DTH drill rig has better performance than the previous generation: fully optimized structure, lower drilling footage cost, more ...

In addition to being a prominent manufacturer and supplier in India, Trishul Engineering is also a reliable exporter to several nations all over the world. We manufacture and supply DTH Drilling ...

Products Our company's main products include mini excavators, wheeled excavators, tracked excavators, loaders, rollers, hydraulic breakers, drilling rigs, and other engineering and ...



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