



Offshore drilling rig systems

Leading the industry in rig automation, our control systems seamlessly integrate drilling equipment, improve performance, and boost drilling efficiency.

Our motion compensation systems compensate for the vertical movement of offshore drilling rigs by isolating motion from the drill string, preventing riser ...

Below is a detailed overview of the types of drilling rigs, their mechanical and electronic systems, and their offshore counterparts, including ...

Offshore Automation Solutions Some of the areas that are covered by our offshore exploration and production solutions include: Drilling rigs and drill ...

Uptime is the measurement of success ABB electric system solutions for offshore drilling vessels include systems for electric power generation and distribution and large electric drive systems ...

Our drilling rig and drill ship automation systems help companies improve accuracy, reduce cost and increase uptime while maintaining safety. We offer ...

These include bottom-founded drilling rigs (jackup barges and swamp barges), combined drilling and production facilities, either bottom-founded or floating platforms, and deepwater mobile ...

A Jack Up Rig is the most high-class asset in offshore oil drilling, with its utilisation rates ranging between 92% and 97% across southeast Asia, ...

Mooring systems are a critical component of offshore rigs, playing a vital role in the stability and safety of these floating structures. In this article, we'll explore what a mooring system is, its ...

Cameron offshore drilling packages combine our best-in-class equipment and comprehensive services, with a focus on improving rig efficiency, safety, and ...

Offshore rigs Inventory Control and limited space are essential aspects in selecting material handling systems onboard offshore (drilling) rigs such as; semi-sub, jack-ups and drilling ...

Modern drilling rigs feature sophisticated control systems that coordinate the operation of all rig components. These systems range from basic mechanical controls to advanced computerized ...

Offshore platforms, also known as offshore rigs or oil platforms, are large structures designed for the



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extraction and processing of oil, gas, and other natural resources from beneath the ocean ...

Understanding the equipment and tools used in drilling rigs is essential for petroleum engineers and drilling engineers alike. These professionals rely on a wide array of ...

Drilling unit The world's most experienced engineering partner for offshore drilling We are the world's premiere supplier of integrated solutions for offshore drill ...

We operate seven harsh-environment semi-submersibles, all with propulsion systems, and several featuring dynamic positioning systems. From ultra ...

By mapping out the specifications of the entire global fleet of offshore units, we are now able to describe and summarize the most well ...

A drilling rig contain 5 main systems: Hoisting system and Draw works, Rotary system, Circulation system, Power system Safety and blow out prevention system.

Oil rigs are sophisticated structures designed to support drilling operations in diverse environments. Whether onshore or offshore, they rely on ...

To maximize uptime, offshore production and drilling operations require reliable systems that run safely without interruption for as long as possible. We have the oil and gas control system ...

Halliburton and Sekal have announced the deployment of what they claim to be the world's first automated on-bottom drilling system for ...

We are the world's premiere supplier of integrated solutions for offshore drill units, including drill ships, semi-submersible drilling rigs, and jack-up drilling rigs. ...

This guide provides an overview of offshore oil and gas drilling, including its process, ideal locations, necessity, environmental impact, and ...

Type of Drilling Rigs Drilling rigs come in various designs to suit different operational needs. Each rig type is tailored for specific environments and ...

Our Rig Equipment team designs, manufactures, and sells land rigs, complete offshore drilling packages, and drilling rig equipment and components designed to mechanize and automate ...

Jack up operations require careful planning and execution to ensure the safe and efficient rig move. Learn more about the process here.



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