



China's pillar drill research and development

What is China's new drilling rig?

China has launched an ambitious initiative to develop world-leading drilling technologies and equipment, aiming to secure its energy future and explore the Earth's deep interior. As part of a national megaproject, the initiative will see the development of China's first 15,000-metre (49,200-foot) ultra-deep intelligent drilling rig.

Does China have a deep-sea drilling program?

Beyond land-based drilling, China has also made strides in offshore deep-sea exploration. In 2023, the country unveiled its first domestically built ocean drilling ship, Mengxiang or the Dream, which is capable of reaching depths of 11,000 metres - one of the most advanced drilling vessels in the world.

What is China's first ultra-deep intelligent drilling rig?

As part of a national megaproject, the initiative will see the development of China's first 15,000-metre (49,200-foot) ultra-deep intelligent drilling rig. The project is led by the Chinese Academy of Geological Sciences in collaboration with multiple universities, research institutions and enterprises.

When did China start drilling oil & gas?

China's onshore ultra-deep oil and gas drilling began in the mid-1970s, and achieved large-scale in the late 1990s. Since 2000, drilling technology has developed rapidly and constantly set new records. In 1978, PetroChina implemented China's first ultra-deep female base well (6011 m deep) in the Sichuan Basin.

What has been achieved in China's oil & gas industry?

Continuous improvements have been achieved in technical performance indicators such as the drilling cycle, ROP and other metrics. Over 200 wells successfully drilled with MD exceeding 8000m have enabled China to normalize 8000m ultra-deep onshore drilling, with drilling capacity reaching 9000m.

How has PetroChina progressed in deep & ultra-deep drilling technology?

In recent years, PetroChina has made rapid progress in deep and ultra-deep well drilling technology through continuous research. It has achieved 7000 m maturity, 8000 m breakthrough and normalization, stepped up 9000 m, and has now reached 10,000 m, and the well depth record has been constantly refreshed.

Prior to joining Pillar Biosciences, he served as Chief Commercial Officer at NeuMoDx™ where he led the commercial team and assisted in transitioning the business from research and ...

The multi-prismatic non-planar PDC drill independently developed by the Houston Technological Research Center of China National Petroleum Corporation (CNPC) set a new ...



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Hunan Lieyan Technology Co.,Ltd: We're well-known as one of the leading rock drilling machine, drilling rig, hydraulic rock drill, hydraulic air compressor ...

The history of China's research and development of thin-walled diamond drill bits can be traced back to the late 1950s, and has gone through multiple stages from technology ...

The implementation of Pillar Two rules will not only reshape the global tax landscape but also impact China's investment and foreign attraction policies, particularly its tax incentive policies. ...

As China's first scientific exploratory borehole designed to reach such depth, it set a new record of the deepest well in Asia, and demonstrated China's world-leading technologies in deep-Earth ...

Our company has a high-quality talent team, specializing in the design and development of motorcycle cylinder honing machine, drill boring bit construction . As one of the most ...

The Pentagon, Congress and industry should work together to build out investment into Pillar 2 and develop transition pathways to move research-and-development ...

Critical minerals are the indispensable, non-fuel materials that form the bedrock of 21st-century US economic and military power. They're ...

While shifts in China's power in and through UN development work have remained limited, taken together insights from the power type analysis suggest that China is in the process of ...

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Answer: You can identify a reliable Pillar Drill Machine manufacturer in China through research. You can use online directories, search engines or attend trade shows to get ...

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CNC machine tools. Our products are widely used in the processing of molds and ...

Corporate PositioningAs the world's second largest and Northeast China's largest production base of rocker arm drilling machines, we have been specializing in the research and development of ...

Answer: You can identify a reliable Pillar Drill Machine manufacturer in China through research. You can use online directories, ...

[1] Sangamesh, V. V. Kulkarni, Design and Fabrication of Indexing Set Up for Drill Jig, International Research Journal of Engineering and Technology (IRJET), Volume: 03 Issue: 06, ...

It is expected to provide significant support for deep-sea resource exploration in China, research and development of key technological equipment, and ocean drilling research.

China has launched an ambitious initiative to develop world-leading drilling technologies and equipment, aiming to secure its energy future ...

China successfully drilled 10,910 meters deep, marking a major breakthrough in energy exploration, scientific research, and advanced drilling technology development.

China's homegrown drilling rig technology is making important breakthroughs in excavating deep oil and gas resources, thanks to increased and innovative cooperation between research ...

Pillar drills, commonly called drill presses, are essential tools in many industries and hobbyist workshops. These machines provide the needed precision for ...

Abstract-- This paper confers assessment for production of component with conventional pillar drilling machine and special purpose machine (SPM) designed for drilling operation. The SPM ...

This research presents the design and development of a specialized fixture for a pillar drilling machine aimed at improving efficiency in workpiece handling for ...

We give full play to the industry-leading production capacity and customization ability, and use high-quality materials to produce reliable products.We insist on innovation, adopt new ideas, ...

A pillar drilling machine is a type of drill press used in various metalworking and woodworking applications. These machines are designed to provide a stable and precise drilling platform for ...

Pillar Type Heavy Vertical Drilling Machine (vertical drill press Z5030A), Find Details and Price about Drilling Machine Driller from Pillar Type Heavy Vertical Drilling Machine (vertical drill ...



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So as to accelerate the development of modern deep drilling engineering technology and equipment industry system. This paper was prepared for presentation at the ...

1. Overview of China's PDC drill bit industry China's PDC drill bit industry started in the 1980s. After decades of development, it has formed a relatively ...

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