

Global Air Core Drilling Market Size study & Forecast, by Application (Dust Drilling, Foam Drilling, Mist Drilling, Nitrogen Membrane Drilling, Aerated Fluid Drilling), By Industry (Mining, Oil & Gas, Construction) and Regional Analysis, 2023-2030

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Abstracts

Global Air Core Drilling Market is valued at approximately USD 1.25 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 6.40% over the forecast period 2023-2030. Air core drilling is defined as the process of penetrating the earth for the purpose of extracting minerals and resources. It is usually done using hardened steel and tungsten blades. The Air Core Drilling Market is expanding because of factors such as rising in mining activities and rising in the oil & gas industry. Moreover, the global air core drilling market is expected to grow substantially due to the increasing demand for high-grade mineral ores. Its importance has progressively increased during the last few decades.

According to the Statista in 2020, in terms of mineral production value, China held the top position globally, with over USD217 billion in metallic mineral and coal production value. The United States ranked third, reporting approximately USD55 billion in mineral production value during the same period. Moreover, in 2021, the mining industry's leading 40 companies had a total revenue of approximately 925 billion U.S. dollars, including trading revenues. The increase in worldwide oil and gas exploration and production activities and the presence of untapped hydrocarbon reserves are key factors in the expansion of the global air core drilling market. According to the Statista, in 2022, the global demand for crude oil reached USD 99.57 million barrels per day, and it is expected to rise to USD101.89 million barrels per day in 2023. Moreover, global consumption of oil has steadily increased over the last three decades, totaling 4.25 billion metric tons in 2021, In addition, an increase in emphasis on water drilling and

research and development (R&D) initiatives are creating opportunities in the global air core drilling market during the forecast period. However, high labor costs and high development and maintenance costs stifle market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Air Core Drilling Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America is dominating region during the forecast period owing to the, growing demand for effective drilling techniques and technological advancements in drilling techniques by key market players. Asia Pacific is the fastest growing region during the forecast period owing to the, rising number of Energy & Power projects and significant hydrocarbon reserves within the region.

Major market player included in this report are:

Ausdrill Limited

Australia Pty Ltd.

Atlas Copco (India) Ltd.

Bostech Drilling Australia Pty Ltd

Brown Bros Drilling,

Geodrill Limited

Schlumberger Limited

Master Drilling Group Ltd.

Perenti Global Limited

Wallis Drilling Pty. Ltd

Recent Developments in the Market:

In November 2021, Krakatoa Resources initiated an air core drill that cost about USD 3,000 approximately. The Yilgarn Craton terrain contains a variety of possible REE targets, and air-core drilling is being done to support continued resource-defining drilling. It is believed that the Mt. Clere region has clay-attached REE deposits, which ultimately makes downstream refining less expensive.

In March 2021, In order to meet the demands of clients working on foundations, geotechnics, water wells, geothermal and mineral exploration projects, among others, Comacchio has increased the variety of drill applications in its product line. As a result, the market's demand for the product has increased from a variety of applications.

Global Air Core Drilling Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Application, Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Dust Drilling

Foam Drilling

Mist Drilling

Nitrogen Membrane Drilling

Aerated Fluid Drilling

By Industry:

Mining

Oil & Gas

Construction

By Region:

North America

U.S.

Canada

Europe

UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC

Latin America
Brazil
Mexico

Middle East & Africa
Saudi Arabia
South Africa
Rest of Middle East & Africa

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