

Global Heavy Mining Equipment Market Report and Forecast 2023-2028

Market Report | 2023-10-06 | 188 pages | EMR Inc.

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Report description:

Global Heavy Mining Equipment Market Report and Forecast 2023-2028 Market Outlook

According to the report by Expert Market Research (EMR), the global heavy mining equipment market reached a value of USD 83.82 billion in 2022. Aided by the rapid urbanisation and increasing demand for resources such as minerals, metals, and coal, the market is projected to further grow at a CAGR of 3.5% between 2023 and 2028 to reach a value of USD 103.04 billion by 2028. Heavy mining equipment, including excavators, loaders, drillers, and crushers, are key to operations in various types of mining activities. These machines are designed for performance, efficiency, and safety, aiding in excavation or the loading and unloading of heavy materials.

The substantial need for minerals and materials, driven by the world's growing population and increasing urbanisation, is a significant factor contributing to the escalating heavy mining equipment market demand. Infrastructure projects, especially in developing economies, have led to increased mining activities, which, in turn, fuels the need for heavy-duty machinery. The heavy mining equipment market growth is being bolstered by the technological revolution in the sector. Automation and digital technologies, including Artificial Intelligence (AI), Internet of Things (IoT), and advanced analytics, are making mining operations more efficient, safer, and less labour-intensive. Companies are increasingly integrating advanced technologies to reduce human errors, minimise risks, and increase production efficiency.

Mining activities are closely scrutinised for their environmental impact. As governments impose stricter regulations on mining operations, companies are driven to adopt cleaner and more sustainable technologies. The emphasis on environmentally friendly practices is driving innovation in heavy mining equipment, such as the development of electric and hybrid machinery. Asia Pacific, led by China and India, holds a dominant portion of the heavy mining equipment market share due to substantial mining activities and infrastructure developments. Latin America, led by countries like Brazil and Chile, is also a significant player due to its rich reserves of important metals and minerals.

As the world moves towards greener solutions, the heavy mining equipment sector is expected to evolve significantly. Manufacturers are investing heavily in research and development to produce equipment that operates with lower emissions and reduced energy consumption. This trend is expected to shape the heavy mining equipment market outlook significantly over the forecast period, making sustainability a central theme in the sector's future.

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Market Segmentation

The market can be divided based on equipment type, application, and region.

Market Breakup by Type

-□Surface Mining Equipment

o∏Drills

o

Mining Trucks

o
|| Electric Mining Shovels

o

Hydraulic Shovels

o[Wheel Loaders

 $o \square Draglines$

o∏Tractors/Dozers

o∏Motor Grader

- Underground Equipment

o∏Bolters

o UG Wheel Loaders/LHD

o

Mining Trucks

o

Development Drills

o

Production Drills

Auxiliary Equipment

-∏Others

Market Breakup by Application

-□Metal Mining

Non-Metal Mining

Market Breakup by Region

North America

-[Europe

-∏Asia Pacific

-□Latin America

-□Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the global heavy mining equipment market. Some of the major players explored in the report by Expert Market Research are as follows:

- -□Epiroc AB
- -∏Sandvik AB
- -□Caterpillar Inc.
- -□Komatsu Ltd.
- Liebherr-International Deutschland GmbH
- Hitachi Construction Machinery Co, Ltd.
- -∏Others

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