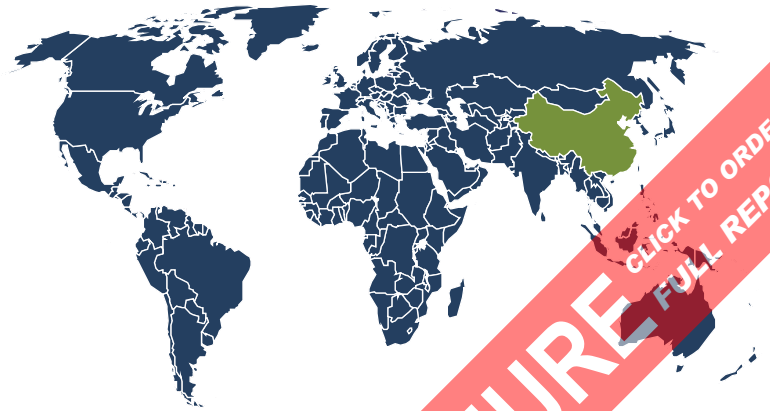




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Mining Equipment: China

April 2021



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About This Report

Scope

This report forecasts to 2024 mining equipment (矿山设备) demand and production in nominal US dollars at the manufacturer level in China. Total demand is segmented by product in terms of:

- underground mining equipment
- surface mining equipment
- drills and breakers
- crushing, pulverizing, and screening equipment
- mineral processing and other equipment
- parts and attachments

Total demand is also segmented by market as follows:

- minerals mining
- coal mining
- metals mining

To illustrate historical trends, total demand is provided in annual series from 2009 to 2019; production and the various segments are reported at five-year intervals for 2009, 2014, and 2019.

Excluded from the scope of this report are certain products that can be used at mining sites and are sometimes considered to be mining machinery, including general purpose material handling and oilfield equipment. Also excluded is used and rebuilt mining machinery.

For any given historical year, US dollar amounts are obtained from values expressed in the applicable local currency. These local currency values are converted to US dollars at the average annual exchange rate for that year. For forecast years, the US dollar amounts assume the same annual exchange rate at that prevailing in 2019.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

Sources

Mining Equipment: China (FC75021) is based on *Global Mining Equipment*, a comprehensive industry study published by The Freedonia Group. Reported findings represent the

About This Report

synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

Industry Codes

Table 6 | HS Codes Related to Mining Equipment

HS Code	Definition
842820	Pneumatic elevators & conveyors
842831	Continuous-action elevators & conveyors for underground use
842832	Other continuous-action elevators & conveyors, bucket type
842833	Other continuous-action elevators & conveyors, belt type
842839	Other continuous-action elevators & conveyors, for goods or materials
842911	Crawler dozers
842919	Wheel dozers
842920	Graders & levellers
842930	Scrapers
842951	Loaders
842952	Excavators
842959	Mechanical shovels and other shovel loaders
843031	Self-propelled coal or rock cutters & tunnelling machinery
843039	Other coal or rock cutters & tunneling machinery, not self-propelled
843041	Other boring or sinking machinery, self-propelled
843049	Other boring or sinking machinery, not self-propelled
843141	Buckets, shovels, grabs, and grips
843142	Dozer blades
843143	Parts of boring or sinking machinery
843149	Parts of derricks, cranes, graders, levellers, scrapers, or pile-drivers, parts of other machines handling earth, minerals, or ores
847410	Sorting, screening, separating, or washing machines for mineral substances
847420	Crushing or grinding machines for mineral substances
870410	Dumpers for off-highway use

Source: United Nations Statistics Division

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or r^2 . The most stable data series relative to the trend carries an r^2 value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

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Resources

The Freedonia Group

Global Mining Equipment

Freedonia Industry Studies

Global Agricultural Equipment

Global Asphalt (Bitumen)

Global Construction Aggregates

Global Construction Machinery

Global Forestry Equipment

Global Power Lawn & Garden Equipment

Global Power Tools

Hand Tools

Lawn & Garden Consumables

Power Tools

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Cement & Concrete Additives: China

Coal: United States

Construction Machinery: China

COVID-19 Market Impact Analysis

Diesel Engines: China

Energy: United States

Forestry Equipment: China

Global Demographics

Global Macroeconomy

Gypsum: United States

Housing: China

Lubricants: China

Material Handling Equipment: China

Mining & Quarrying: United States

Perlite & Vermiculite: United States

Recovered Metals: United States

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Trade Publications

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Mining Weekly

Pit & Quarry

Rock Products

Agencies & Associations

Association of Equipment Manufacturers

ASTM International

China Construction Machinery Association

Copper Development Association

Global Mining Association of China

International Monetary Fund

Organisation for Economic Co-Operation and Development

United Nations Comtrade

World Bank