

Rare Earth Permanent Magnet Market, Global Outlook and Forecast 2022-2028

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Abstracts

The rare earth permanent magnet material refers to an alloy formed of rare earth metal and a transition metal. This permanent magnet material made by a certain process is extremely magnetic and can be maintained for a long time. Rare earth magnets have been developed for four generations. The first and second generations are RE-Co permanent magnets, ie Co-based permanent magnets: the first generation as type 5 SmCo alloys (SmCo₅) and the second generation as Rare-earth Sintered Magnet⁷ SmCo alloys (Sm₂Co₁₇). Since Sm reserve is scare, Co And Ni is also a valuable strategic metal, the first two generations of rare earth permanent magnets have not been widely used,their major market are only for the high-end military area. The third and fourth generation rare earth permanent magnets are RE-FE-B permanent magnets. It is the third generation - NdFeB alloy (Nd₂Fe₁₄B), also the most widely used rare earth permanent magnet; the fourth generation is Sm-Fe-N alloy. (Sm₂Fe₁₇N₃), but Sm-Fe-N alloy has not yet entered the stage of commercial production.

This report contains market size and forecasts of Rare Earth Permanent Magnet in global, including the following market information:

Global Rare Earth Permanent Magnet Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Rare Earth Permanent Magnet Market Sales, 2017-2022, 2023-2028, (Tonnes)

Global top five Rare Earth Permanent Magnet companies in 2021 (%)

The global Rare Earth Permanent Magnet market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Rare-earth Sintered Magnet Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Rare Earth Permanent Magnet include Hitachi Metals Group, Shin-Etsu, TDK, VAC, Beijing Zhong Ke San Huan Hi-Tech, Yunsheng Company, YSM, JL MAG and ZHmag, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Rare Earth Permanent Magnet manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Rare Earth Permanent Magnet Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Tonnes)

Global Rare Earth Permanent Magnet Market Segment Percentages, by Type, 2021 (%)

Rare-earth Sintered Magnet

Rare-earth Bonded Magnet

Others

Global Rare Earth Permanent Magnet Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Tonnes)

Global Rare Earth Permanent Magnet Market Segment Percentages, by Application, 2021 (%)

Automotive

Aerospace & Defense

Power Generation

Consumer Goods & Electronics

Industrial Machinery

Other

Global Rare Earth Permanent Magnet Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (Tonnes)

Global Rare Earth Permanent Magnet Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Rare Earth Permanent Magnet revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies Rare Earth Permanent Magnet revenues share in global market, 2021 (%)

Key companies Rare Earth Permanent Magnet sales in global market, 2017-2022 (Estimated), (Tonnes)

Key companies Rare Earth Permanent Magnet sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Hitachi Metals Group

Shin-Etsu

TDK

VAC

Beijing Zhong Ke San Huan Hi-Tech

Yunsheng Company

YSM

JL MAG

ZHmag

Jingci Material Science

AT&M

NBJJ

Innuovo Magnetics

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