

Rail Mounted Gantry Crane Market by Type (Cantilever, Non-Cantilever), Lift Capacity (0-40 Tons, 40.1 and Above), Technology (Manual, Autonomous), Application (Wharf, Railway, and Others), and Region 2023-2028

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Abstracts

Market Overview:

The global rail mounted gantry crane market size reached US\$ 349.65 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 442.3 Million by 2028, exhibiting a growth rate (CAGR) of 3.80% during 2023-2028. The increasing demand for environmentally friendly rail mounted gantry (RMG) cranes, extensive research and development (R&D) activities to produce technologically advanced RMG cranes, and the implementation of various government initiatives represent some of the key factors driving the market.

Rail mounted gantry (RMG) cranes are a type of large industrial overhead crane typically used to load and unload cargo. They consist of a steel structure, spreader, anti-sway system, crane traveling mechanism, lifting mechanism, container spreaders, electrical equipment, micro-transfer mechanism, and other necessary auxiliary equipment. RMG cranes are widely used to load, unload, move and stack in dockyards and rail yards. They are designed with safety features, such as anti-collision systems, load moment indicators, and emergency stop buttons to ensure the safe operation of the crane and offer enhanced efficiency and cost-effectiveness. As compared to other container handling cranes, RMG cranes possess steel wheels that make them capable of enduring heavy-weight containers and managing large volumes of cargo.

Rail Mounted Gantry Crane Market Trends:

The increasing trade and logistics across the globe are among the key factors driving the market growth. RMG cranes are widely used in handling heavy bags of bulk materials and stacking and moving shipping containers. In line with this, the widespread product adoption due to its several advantages, such as an increase in productivity owing to faster operation, ease of maneuverability, flexibility of construction, and ability to handle large sizes and loads of containers, is favoring the market growth. Moreover, increasing urbanization and industrial activities, coupled with the upgradation of existing infrastructure and the rising demand for efficient and safe bulk handling machinery, are acting as another growth-inducing factor. Apart from this, various technological advancements, such as automation and digitalization in RMG cranes that help in minimal human intervention and can be programmed to automatically load and unload cargo, improving efficiency, safety, and accuracy, are providing an impetus to the market growth. Additionally, the integration of smart features such as remote operation, container positioning systems, and non-contact collision systems is propelling the market growth. Furthermore, the increasing demand for environmentally friendly RMG cranes that help to reduce emissions and pollution is positively influencing the market growth. Other factors, including the rising expenditure capacities of consumers, the increasing demand for autonomous RMG cranes and bulk cargo, extensive research and development (R&D) activities to produce technologically advanced RMG cranes, and the implementation of various government initiatives to control pollution, are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global rail mounted gantry crane market, along with forecasts at the global, regional, and country levels from 2023-2028. Our report has categorized the market based on type, lift capacity, technology, and application.

Type Insights:

Cantilever

Non-Cantilever

The report has provided a detailed breakup and analysis of the rail mounted gantry crane market based on the type. This includes cantilever and non-cantilever. According to the report, cantilever represented the largest segment.

Lift Capacity Insights:

0-40 Tons
40.1 and Above

A detailed breakup and analysis of the rail mounted gantry crane market based on the lift capacity has also been provided in the report. This includes 0-40 tons and 40.1 and above. According to the report, 40.1 and above accounted for the largest market share.

Technology Insights:

Manual
Autonomous

The report has provided a detailed breakup and analysis of the rail mounted gantry crane market based on the technology. This includes manual and autonomous. According to the report, manual represented the largest segment.

Application Insights:

Wharf
Railway
Others

A detailed breakup and analysis of the rail mounted gantry crane market based on the application has also been provided in the report. This includes wharf, railway, and others. According to the report, railway accounted for the largest market share.

Regional Insights:

North America

United States
Canada

Europe

- Germany
- France
- United Kingdom
- Italy
- Spain
- Russia
- Others

Asia Pacific

- China
- Japan
- India
- South Korea
- Australia
- Indonesia
- Others

Latin America

- Brazil
- Mexico
- Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets, which include North America (the United States and Canada); Europe (Germany, France, the United Kingdom, Italy, Spain, and others); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Latin America (Brazil, Mexico, and others); and the Middle East and Africa. According to the report, Europe was the largest market for rail mounted gantry crane. Some of the factors driving the Europe rail mounted gantry crane market included extensive research and development (R&D) activities to produce technologically advanced RMG cranes, increasing trade and logistics, and the rising demand for environmentally friendly RMG cranes.

Competitive Landscape:

The report has also provided a comprehensive analysis of the competitive landscape in the global rail mounted gantry crane market. Competitive analysis such as market structure, market share by key players, player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided. Some of the companies covered include Anupam Industries Limited, Ascom Spa, Doosan Heavy Industries Vietnam Co. Ltd., Hartmann & K?nig Stromzuf?hrungs AG, Konecranes Oyj, Liebherr, Mi-Jack Products Inc (The Lanco Group of Companies), Safex Industries Limited, Sany Heavy Industry Co. Ltd., Weihua group, Xinxiang Stonimage Technology Co. Ltd., etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:

How has the global rail mounted gantry crane market performed so far, and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global rail mounted gantry crane market?

What is the impact of each driver, restraint, and opportunity on the global rail mounted gantry crane market?

What are the key regional markets?

Which countries represent the most attractive rail mounted gantry crane market?

What is the breakup of the market based on the type?

Which is the most attractive type in the rail mounted gantry crane market?

What is the breakup of the market based on the lift capacity?

Which is the most attractive lift capacity in the rail mounted gantry crane market?

What is the breakup of the market based on technology?

Which is the most attractive technology in the rail mounted gantry crane market?

What is the breakup of the market based on the application?

Which is the most attractive application in the rail mounted gantry crane market?

What is the competitive structure of the global rail mounted gantry crane market?

Who are the key players/companies in the global rail mounted gantry crane market?

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