

# Rubber Tired Gantry Crane Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2022-2027

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## Abstracts

The global rubber tired gantry crane market reached a value of US\$ 1.34 Billion in 2021. Looking forward, IMARC Group expects the market to reach a value of US\$ 1.76 Billion by 2027, exhibiting a CAGR of 4.40% during 2022-2027. Keeping in mind the uncertainties of COVID-19, we are continuously tracking and evaluating the direct as well as the indirect influence of the pandemic on different end use industries. These insights are included in the report as a major market contributor.

A rubber-tired gantry (RTG) crane, also known as a transtainer, is a mobile gantry crane widely employed in intermodal operations for stacking or grounding containers. It is usually powered by electricity or diesel generator systems and can be controlled remotely. It has a rigid and stable steel structure that facilitates precise handling and smooth movements even at high speeds. It is also utilized to assemble heavy manufacturing components, position pipelines, and erect large, unbalanced structures. RTG cranes are designed for space-saving container terminals to enhance productivity, minimize downtime, and reduce costs. As a result, they are rapidly replacing traditional gantry cranes due to their excellent performance, mobility, and flexible operations.

### Rubber Tired Gantry Crane Market Trends:

A significant increase in imports and exports via ships and cargo planes represents the primary factor driving the market growth. Additionally, the escalating demand for goods and raw materials and the rising trade activities between countries are accelerating product demand. Besides this, governments of various nations are taking several initiatives and making heavy investments in the development of port infrastructure and capacities. For instance, the expansion of the Panama Canal has increased the shipping container traffic across the globe, which, in turn, is catalyzing the demand for

portable container handling equipment like RTG cranes. Moreover, several product innovations, such as the integration of RTG cranes with active load system (ALS) technology to enhance operational efficiency and container stability during transportation, are augmenting the product demand. Furthermore, there has been widespread adoption of electric RTG cranes due to the stringent air pollution and emission control regulations implemented by governments of different countries. Other factors, including rapid industrialization and globalization, flexible import-export taxation, and technological advancements, are also creating a positive market outlook.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global rubber tired gantry crane market, along with forecasts at the global, regional and country level from 2022-2027. Our report has categorized the market based on type, power supply and application.

#### Breakup by Type:

8-Wheeler

16-Wheeler

#### Breakup by Power Supply:

Diesel

Electric

Hybrid

#### Breakup by Application:

Construction

Oil and Gas

Shipbuilding

Power and Utilities

Others

#### Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Anupam Industries Limited, ASCOM SPA, Bedeschi S.p.A., Cargotec Oyj, Konecranes Oyj, Liebherr-International AG, Mi-Jack Products (Lanco International Inc.), Paul Vahle GmbH & Co. KG, Reva Industries India Pvt. Ltd., Sany Heavy Industry Co. Ltd, Shanghai Zhenhua Heavy Industries Company Limited and TNT Crane & Rigging.

#### Key Questions Answered in This Report:

How has the global rubber tired gantry crane market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global rubber tired gantry crane market?

What are the key regional markets?

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

What is the breakup of the market based on the power supply?

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

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global rubber tired gantry crane market and who are the key players?

What is the degree of competition in the industry?

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