

Rubber Tired Gantry Crane Market Report by Type (8-Wheeler, 16-Wheeler), Power Supply (Diesel, Electric, Hybrid), Application (Construction, Oil and Gas, Shipbuilding, Power and Utilities, and Others), and Region 2024-2032

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Abstracts

The global rubber tired gantry crane market size reached US\$ 1.5 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 2.1 Billion by 2032, exhibiting a growth rate (CAGR) of 3.75% during 2024-2032.

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 report, along with forecasts at the global, regional and country levels from 2024-2032. 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

1. What was the size of the global rubber tired gantry crane market in 2023?
2. What is the expected growth rate of the global rubber tired gantry crane market during 2024-2032?
3. What are the key factors driving the global rubber tired gantry crane market?
4. What has been the impact of COVID-19 on the global rubber tired gantry crane market?
5. What is the breakup of the global rubber tired gantry crane market based on the

type?

6. What is the breakup of the global rubber tired gantry crane market based on the power supply?
7. What is the breakup of the global rubber tired gantry crane market based on the application?
8. What are the key regions in the global rubber tired gantry crane market?
9. Who are the key players/companies in the global rubber tired gantry crane market?

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