

Port Machinery Equipment Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032

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Abstracts

The Global Port Machinery Equipment Market, valued at USD 13.2 billion in 2023, is projected to expand at a robust CAGR of 5.5% between 2024 and 2032. This growth is fueled by multiple factors, including economic development, technological advancements, environmental considerations, and the rising demand for efficient logistics solutions. As globalization accelerates and e-commerce continues to flourish, the resulting surge in cargo movement has underscored the need for optimized port operations. The transition from bulk cargo handling to containerized shipping has enhanced operational efficiency, driving demand for specialized equipment like gantry cranes, reach stackers, and straddle carriers. Moreover, the construction of large-scale ports and transshipment hubs is further propelling the need for high-capacity, automated machinery to streamline operations.

In 2023, the crane segment of the port machinery market achieved a value of USD 3.94 billion and is expected to grow at an impressive CAGR of 6.1% through 2032. The rising volume of international trade has created an urgent demand for cranes capable of managing large-scale cargo efficiently. The exponential growth of e-commerce has further amplified the need for high-performance container cranes, essential for handling containerized goods in high-demand sectors like automotive, electronics, and pharmaceuticals. As major ports expand to accommodate increasing trade volumes, the reliance on advanced crane systems will continue to climb, making this segment a critical driver of the market's overall growth.

Diesel-powered equipment retained a dominant market share of 41.5% in 2023, underscoring its ongoing importance despite the growing shift toward electrification and automation in port operations. Diesel-powered machinery, including reach stackers,



cranes, forklifts, and terminal tractors, is renowned for its reliability, power, and ability to handle heavy-duty applications. These attributes make it indispensable in regions where infrastructure constraints or cost concerns limit the adoption of alternative technologies. Its continued prevalence highlights its role as a backbone in demanding port environments worldwide.

The U.S. port machinery equipment market was valued at USD 2.4 billion in 2023 and is expected to grow at a steady CAGR of 5.8% through 2032. As a key player in global trade, U.S. ports handle significant volumes of imports and exports, further amplified by the surge in e-commerce. The increased movement of containerized goods is driving demand for advanced machinery such as cranes and automated guided vehicles (AGVs). Additionally, trade agreements fostering cross-border commerce are fueling the need for enhanced port operations and specialized equipment, ensuring the U.S. remains a pivotal contributor to the global port machinery equipment market.



Contents

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations.
- 1.4 Data sources
- 1.4.1 Primary
- 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

CHAPTER 2 EXECUTIVE SUMMARY

2.1 Industry synopsis, 2021-2032

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factor affecting the value chain.
 - 3.1.2 Profit margin analysis.
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis.
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
 - 3.6.1 Growth drivers
 - 3.6.1.1 Growth in global trade and containerization
 - 3.6.1.2 Infrastructure development and modernization of ports
 - 3.6.1.3 Technological advancements
- 3.6.2 Industry pitfalls & challenges
 - 3.6.2.1 High initial capital investment
 - 3.6.2.2 Operational and maintenance challenges
- 3.7 Growth potential analysis



3.8 Porter's analysis

3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2023

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY PRODUCT TYPE, 2021-2032 (USD BILLION) (MILLION UNITS)

- 5.1 Key trends
- 5.2 Cranes
- 5.3 Forklifts
- 5.4 Reach stackers
- 5.5 Straddle carriers
- 5.6 Ship loaders
- 5.7 Terminal tractors
- 5.8 Others

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY OPERATION MODE, 2021-2032 (USD BILLION) (MILLION UNITS)

6.1 Key trends

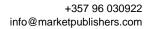
- 6.2 Manual
- 6.3 Automatic

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY POWER SOURCE, 2021-2032 (USD BILLION) (MILLION UNITS)

- 7.1 Key trends
- 7.2 Diesel-Powered
- 7.3 Electric-Powered
- 7.4 Hybrid-Powered

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021-2032 (USD BILLION) (MILLION UNITS)

Port Machinery Equipment Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 203...





- 8.1 Key trends
- 8.2 Container handling
- 8.3 Bulk handling
- 8.4 Ship handling

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (USD BILLION) (MILLION UNITS)

- 9.1 Key trends
- 9.2 North America
- 9.2.1 U.S.
- 9.2.2 Canada
- 9.3 Europe
 - 9.3.1 UK
 - 9.3.2 Germany
 - 9.3.3 France
 - 9.3.4 Italy
 - 9.3.5 Spain
 - 9.3.6 Russia
- 9.4 Asia Pacific
 - 9.4.1 China
 - 9.4.2 India
 - 9.4.3 Japan
 - 9.4.4 South Korea
 - 9.4.5 Australia
- 9.5 Latin America
 - 9.5.1 Brazil
 - 9.5.2 Mexico
- 9.6 MEA
- 9.6.1 UAE
- 9.6.2 Saudi Arabia
- 9.6.3 South Africa

CHAPTER 10 COMPANY PROFILES

10.1 ABB 10.2 Anhui Heli 10.3 Cargotec

Port Machinery Equipment Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 203...



- 10.4 Gaussin Group
- 10.5 Kalmar
- 10.6 konecranes
- 10.7 Liebherr group
- 10.8 Mitsubishi
- 10.9 Prosertek Group
- 10.10 Sany Heavy Industry
- 10.11 Shanghai Zhenhua Heavy Industries
- 10.12 Toyota



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