

Shipping and Port Material Handling Equipment Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/SE4BCD5C8EABEN.html>

Date: July 2025

Pages: 170

Price: US\$ 4,850.00 (Single User License)

ID: SE4BCD5C8EABEN

Abstracts

The Global Shipping & Port Material Handling Equipment Market was valued at USD 18.2 billion in 2024 and is estimated to grow at a CAGR of 3.6% to reach USD 25.9 billion by 2034. The market growth is driven by the rising need for efficient cargo management and the increasing complexity of global trade. Material handling equipment plays a critical role in port operations by facilitating the movement of goods in and out of terminals. Without reliable machinery, ports risk delays, bottlenecks, and higher logistics costs. These systems are essential in supporting the throughput of high-volume cargo, keeping supply chains fluid, and optimizing vessel turnaround times. As ports evolve into high-capacity trade hubs, the reliance on heavy-duty and technologically advanced equipment becomes more pronounced.

The increasing scale of global shipments and the need to minimize dwell time at ports are placing greater emphasis on reliable handling systems. With growing attention to sustainability and operational efficiency, manufacturers are developing advanced solutions that not only boost productivity but also reduce emissions and meet changing environmental standards. The market covers a variety of equipment types, including yard trucks, gantry cranes, straddle carriers, terminal tractors, top and side handlers, reach stackers, and forklifts. Cranes and loaders are essential for managing bulk commodities such as steel, lumber, cement, and salt, ensuring swift loading and unloading from ships, trains, and trucks.

In 2024, the bulk material handling equipment segment generated USD 7.3 billion. This category includes conveyors, hoppers, silos, reclaimers, ship loaders and unloaders, and various types of cranes tailored to bulk operations. The growing volume of international trade and the continued development of industrial infrastructure are fueling

the demand for efficient systems.

The diesel-powered equipment segment held a 40.9% share in 2024, generating USD 7.5 billion. Diesel engines remain the preferred choice for high-capacity operations due to their superior torque performance at lower RPMs and robust design. Ports continue to rely on diesel-powered machinery because of their established fueling infrastructure and the engines' proven capability in managing fully loaded containers and massive cargo volumes under demanding conditions. Their ability to operate continuously makes them an integral part of heavy-duty port applications.

Europe Shipping and Port Material Handling Equipment Market held a 27% share in 2024. This region hosts several of the world's busiest ports and remains a leader in adopting innovative practices aimed at boosting operational efficiency. The industry here is heavily investing in modernizing terminal equipment, adopting digital tools, and deploying automation and IoT-enabled solutions to optimize logistics. These technological enhancements help reduce human error, increase cargo throughput, and align with green port initiatives to cut emissions.

Key players shaping the Global Shipping and Port Material Handling Equipment Market include Konecranes, TIL Limited, Toyota Material Handling, Liebherr Group, and others. Major players are investing heavily in automation, AI, and IoT integration to enhance the performance, safety, and reliability of port machinery. They are focusing on developing modular and electric-powered equipment to reduce environmental impact while offering flexible solutions for modern port layouts. Strategic alliances with logistics providers and port authorities are helping manufacturers secure long-term contracts and expand their global footprint. Companies are also upgrading existing equipment lines with telematics and remote diagnostics to offer predictive maintenance and lower downtime.

Comprehensive Market Analysis and Forecast

Industry trends, key growth drivers, challenges, future opportunities, and regulatory landscape

Competitive landscape with Porter's Five Forces and PESTEL analysis

Market size, segmentation, and regional forecasts

In-depth company profiles, business strategies, financial insights, and SWOT analysis

Contents

CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market scope and definition
- 1.2 Research design
 - 1.2.1 Research approach
 - 1.2.2 Data collection methods
- 1.3 Data mining sources
 - 1.3.1 Global
 - 1.3.2 Regional/Country
- 1.4 Base estimates and calculations
 - 1.4.1 Base year calculation
 - 1.4.2 Key trends for market estimation
- 1.5 Primary research and validation
 - 1.5.1 Primary sources
- 1.6 Forecast model
- 1.7 Research assumptions and limitations

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis
- 2.2 Key market trends
 - 2.2.1 Regional
 - 2.2.2 Equipment type
 - 2.2.3 Power source
 - 2.2.4 Operation mode
 - 2.2.5 Application
- 2.3 CXO perspectives: Strategic imperatives
 - 2.3.1 Key decision points for industry executives
 - 2.3.2 Critical success factors for market players
- 2.4 Future outlook and strategic recommendations

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Supplier landscape
 - 3.1.2 Profit margin
 - 3.1.3 Value addition at each stage

- 3.1.4 Factor affecting the value chain
- 3.2 Industry impact forces
 - 3.2.1 Growth drivers
 - 3.2.1.1 Growth in global trade
 - 3.2.1.2 Expansion e-commerce sector
 - 3.2.1.3 Port modernization and infrastructure development
 - 3.2.2 Industry pitfalls & challenges
 - 3.2.2.1 Complexity in technological integration
 - 3.2.2.2 Geopolitical uncertainties and sudden shift in supply-demand patterns
 - 3.2.3 Opportunities
- 3.3 Growth potential analysis
- 3.4 Future market trends
- 3.5 Technology and innovation landscape
 - 3.5.1 Current technological trends
 - 3.5.2 Emerging technologies
- 3.6 Price trends
 - 3.6.1 By region
 - 3.6.2 By type
- 3.7 Regulatory landscape
 - 3.7.1 Standards and compliance requirements
 - 3.7.2 Regional regulatory frameworks
 - 3.7.3 Certification standards
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2024

- 4.1 Introduction
- 4.2 Company market share analysis
 - 4.2.1 By region
 - 4.2.1.1 North America
 - 4.2.1.2 Europe
 - 4.2.1.3 Asia Pacific
- 4.3 Company matrix analysis
- 4.4 Competitive analysis of major market players
- 4.5 Competitive positioning matrix
- 4.6 Key developments
 - 4.6.1 Mergers & acquisitions
 - 4.6.2 Partnerships & collaborations

- 4.6.3 New product launches
- 4.6.4 Expansion plans

CHAPTER 5 MARKET ESTIMATES AND FORECAST, BY EQUIPMENT TYPE, 2021 – 2034 (USD BILLION) (THOUSAND UNITS)

- 5.1 Key trends
- 5.2 Cranes
 - 5.2.1 Ship-to-Shore (STS) cranes
 - 5.2.2 Rubber-Tired Gantry (RTG) cranes
 - 5.2.3 Mobile harbor cranes
 - 5.2.4 Others
- 5.3 Bulk material handling equipment
 - 5.3.1 Ship loaders & unloaders
 - 5.3.2 Conveyor belt systems
 - 5.3.3 Others
- 5.4 Others

CHAPTER 6 MARKET ESTIMATES AND FORECAST, BY POWER SOURCE, 2021 – 2034 (USD BILLION) (THOUSAND UNITS)

- 6.1 Key trends
- 6.2 Diesel
- 6.3 Electric/Battery
- 6.4 Hybrid
- 6.5 Others

CHAPTER 7 MARKET ESTIMATES AND FORECAST, BY OPERATION MODE, 2021 – 2034 (USD BILLION) (THOUSAND UNITS)

- 7.1 Key trends
- 7.2 Manual
- 7.3 Semi-automatic
- 7.4 Fully automatic

CHAPTER 8 MARKET ESTIMATES AND FORECAST, BY APPLICATION, 2021 – 2034 (USD BILLION) (THOUSAND UNITS)

- 8.1 Key trends

- 8.2 Container handling
- 8.3 Bulk handling
- 8.4 Stacking
- 8.5 General cargo
- 8.6 Others

CHAPTER 9 MARKET ESTIMATES AND FORECAST, BY REGION, 2021 – 2034 (USD BILLION) (THOUSAND UNITS)

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

CHAPTER 10 COMPANY PROFILES

- 10.1 A. R. Equipment
- 10.2 Anhui Heli
- 10.3 Cargotec Corporation

- 10.4 CVS Ferrari
- 10.5 Hyster Company
- 10.6 Jost's Engineering Company
- 10.7 Konecranes
- 10.8 Liebherr Group
- 10.9 Lonking Holdings Limited
- 10.10 Mitsubishi Logisnext Co Ltd
- 10.11 Nandan GSE
- 10.12 Sany Group
- 10.13 Shanghai Zhenhua Heavy Industries
- 10.14 TIL Limited
- 10.15 Toyota Material Handling

I would like to order

Product name: Shipping and Port Material Handling Equipment Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/SE4BCD5C8EABEN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SE4BCD5C8EABEN.html>