

Global Automated Container Terminal Market to Reach USD 15.24 Billion by 2032

<https://marketpublishers.com/r/G07FE98909D9EN.html>

Date: March 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G07FE98909D9EN

Abstracts

The global automated container terminal market is valued at approximately USD 10.99 billion in 2023 and is anticipated to exhibit a steady growth trajectory with a compound annual growth rate (CAGR) of 3.70% over the forecast period from 2024 to 2032. Automated container terminals represent the cutting edge of port efficiency, where automation technologies seamlessly integrate with traditional terminal operations to enhance productivity, reduce labor dependency, and improve safety measures. These smart terminals utilize robotic cranes, automated guided vehicles (AGVs), and AI-driven management systems to streamline operations, ensuring optimized throughput and minimized turnaround times.

A confluence of factors is propelling the expansion of the automated container terminal market. The rapid growth of global trade volumes has necessitated the development of highly efficient port infrastructure. The transition from conventional to automated and semi-automated container terminals is gaining traction as ports struggle with congestion, labor shortages, and heightened pressure to reduce carbon emissions. Notably, several ports across Europe, China, and the United States are implementing cutting-edge automation solutions to enhance cargo handling efficiency. Additionally, the increasing adoption of IoT, AI-powered predictive maintenance, and 5G connectivity is further enhancing the functionality of automated container terminals. However, high initial capital expenditure and challenges related to integration with legacy infrastructure may pose hurdles to market growth.

The geographical expansion of the automated container terminal market is prominently led by Europe, where major ports such as Rotterdam, Hamburg, and Antwerp are heavily investing in automation technology. The region benefits from stringent environmental regulations that encourage the adoption of sustainable port operations,

making automation a compelling investment. North America follows closely, with substantial investments in terminal automation from key ports such as the Port of Los Angeles and the Port of Long Beach. Meanwhile, Asia-Pacific is anticipated to exhibit the fastest growth rate, driven by China's and Singapore's aggressive automation initiatives. Countries in this region are leveraging smart port solutions to accommodate surging trade volumes, further fueling market expansion.

Major market players included in this report are:

ABB Ltd.

Konecranes Plc

Cargotec Corporation

Shanghai Zhenhua Heavy Industries Co., Ltd. (ZPMC)

Liebherr Group

Hyundai Heavy Industries Co., Ltd.

Siemens AG

CyberLogitec Co., Ltd.

Camco Technologies

INFORM GmbH

TMEIC Corporation

Identec Solutions AG

VDL Groep

Orbita Ports & Terminals

Navis LLC

The detailed segments and sub-segments of the market are explained below:

By Degree of Automation:

Semi-Automated

Fully Automated

By Project Type:

Brownfield

Greenfield

By Offering:

Equipment

Software

Services

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Rest of Latin America

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of the geographical landscape with country-level market insights.

Competitive landscape featuring in-depth company profiles of major market players.

Strategic recommendations for market entry, expansion, and investment decisions.

Demand-side and supply-side market analysis.

Examination of regulatory frameworks, industry standards, and emerging trends shaping the market.

Contents

CHAPTER 1.GLOBAL AUTOMATED CONTAINER TERMINAL MARKET EXECUTIVE SUMMARY

- 1.1.Global Automated Container Terminal Market Size & Forecast (2022-2032)
- 1.2.Regional Summary
- 1.3.Segmental Summary
 - 1.3.1.By Degree of Automation
 - 1.3.2.By Project Type & Offering
- 1.4.Key Trends
- 1.5.Recession Impact
- 1.6.Analyst Recommendation & Conclusion

CHAPTER 2.GLOBAL AUTOMATED CONTAINER TERMINAL MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1.Research Objective
- 2.2.Market Definition
- 2.3.Research Assumptions
 - 2.3.1.Inclusion & Exclusion
 - 2.3.2.Limitations
 - 2.3.3.Supply Side Analysis
 - 2.3.3.1.Availability
 - 2.3.3.2.Infrastructure
 - 2.3.3.3.Regulatory Environment
 - 2.3.3.4.Market Competition
 - 2.3.3.5.Economic Viability (Consumer's Perspective)
 - 2.3.4.Demand Side Analysis
 - 2.3.4.1.Regulatory Frameworks
 - 2.3.4.2.Technological Advancements
 - 2.3.4.3.Environmental Considerations
 - 2.3.4.4.Consumer Awareness & Acceptance
- 2.4.Estimation Methodology
- 2.5.Years Considered for the Study
- 2.6.Currency Conversion Rates

CHAPTER 3.GLOBAL AUTOMATED CONTAINER TERMINAL MARKET DYNAMICS

3.1. Market Drivers

- 3.1.1. Rising Global Trade Volumes & Need for Efficiency
- 3.1.2. Labor Shortages & Demand for Operational Excellence
- 3.1.3. Technological Advancements (IoT, AI, 5G Integration)

3.2. Market Challenges

- 3.2.1. High Initial Capital Expenditure
- 3.2.2. Integration with Legacy Infrastructure
- 3.2.3. Regulatory & Environmental Constraints

3.3. Market Opportunities

- 3.3.1. Expansion in Emerging Markets (Asia-Pacific Focus)
- 3.3.2. Sustainability & Reduced Carbon Footprint Initiatives
- 3.3.3. Enhanced Automation & Smart Port Solutions

CHAPTER 4. GLOBAL AUTOMATED CONTAINER TERMINAL MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis

4.2. PESTEL Analysis

- 4.2.1. Political
- 4.2.2. Economical
- 4.2.3. Social
- 4.2.4. Technological
- 4.2.5. Environmental
- 4.2.6. Legal

4.3. Top Investment Opportunity

4.4. Top Winning Strategies

4.5. Disruptive Trends

4.6. Industry Expert Perspective

4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMATED CONTAINER TERMINAL MARKET SIZE & FORECASTS BY DEGREE OF AUTOMATION 2022-2032

5.1.Segment Dashboard

5.2.Global Automated Container Terminal Market: Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

5.2.1.Semi-Automated

5.2.2.Fully Automated

CHAPTER 6.GLOBAL AUTOMATED CONTAINER TERMINAL MARKET SIZE & FORECASTS BY PROJECT TYPE & OFFERING 2022-2032

6.1.Segment Dashboard

6.2.Global Automated Container Terminal Market: Revenue Trend Analysis, 2022 & 2032 (USD Million/Billion)

6.2.1.Brownfield Projects

6.2.2.Greenfield Projects

6.2.3.Equipment

6.2.4.Software

6.2.5.Services

CHAPTER 7.GLOBAL AUTOMATED CONTAINER TERMINAL MARKET SIZE & FORECASTS BY REGION 2022-2032

7.1.North America Market

7.1.1.U.S. Market

7.1.1.1.Breakdown by Degree of Automation & Project Type/Offering, 2022-2032

7.1.2.Canada Market

7.2.Europe Market

7.2.1.U.K. Market

7.2.2.Germany Market

7.2.3.France Market

7.2.4.Spain Market

7.2.5.Italy Market

7.2.6.Rest of Europe Market

7.3.Asia-Pacific Market

7.3.1.China Market

7.3.2.India Market

7.3.3.Japan Market

7.3.4.Australia Market

7.3.5.South Korea Market

- 7.3.6. Rest of Asia-Pacific Market
- 7.4. Latin America Market
 - 7.4.1. Brazil Market
 - 7.4.2. Mexico Market
 - 7.4.3. Rest of Latin America Market
- 7.5. Middle East & Africa Market
 - 7.5.1. Saudi Arabia Market
 - 7.5.2. South Africa Market
 - 7.5.3. Rest of Middle East & Africa Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Key Company SWOT Analysis
 - 8.1.1. ABB Ltd.
 - 8.1.2. Konecranes Plc
 - 8.1.3. Cargotec Corporation
- 8.2. Top Market Strategies
- 8.3. Company Profiles
 - 8.3.1. ABB Ltd.
 - 8.3.1.1. Key Information
 - 8.3.1.2. Overview
 - 8.3.1.3. Financial (Subject to Data Availability)
 - 8.3.1.4. Product Summary
 - 8.3.1.5. Market Strategies
 - 8.3.2. Konecranes Plc
 - 8.3.3. Cargotec Corporation
 - 8.3.4. Shanghai Zhenhua Heavy Industries Co., Ltd. (ZPMC)
 - 8.3.5. Liebherr Group
 - 8.3.6. Hyundai Heavy Industries Co., Ltd.
 - 8.3.7. Siemens AG
 - 8.3.8. CyberLogitec Co., Ltd.
 - 8.3.9. Camco Technologies
 - 8.3.10. INFORM GmbH
 - 8.3.11. TMEIC Corporation
 - 8.3.12. Identec Solutions AG
 - 8.3.13. VDL Groep
 - 8.3.14. Orbita Ports & Terminals
 - 8.3.15. Navis LLC

CHAPTER 9.RESEARCH PROCESS

9.1.Research Process

9.1.1.Data Mining

9.1.2.Analysis

9.1.3.Market Estimation

9.1.4.Validation

9.1.5.Publishing

9.2.Research Attributes

I would like to order

Product name: Global Automated Container Terminal Market to Reach USD 15.24 Billion by 2032

Product link: <https://marketpublishers.com/r/G07FE98909D9EN.html>

Price: US\$ 3,218.00 (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/G07FE98909D9EN.html>