

# **Global Compact Electric Construction Equipment Market Size Study & Forecast, by Product (Forklift, Loader, Excavator, and AWP), Ton and Regional Forecasts 2025-2035**

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## **Abstracts**

Global Compact Electric Construction Equipment Market is valued approximately at USD 65.58 billion in 2024 and is anticipated to grow with a remarkable CAGR of 14.30% over the forecast period 2025-2035. Compact electric construction equipment, which includes eco-friendly forklifts, loaders, excavators, and aerial work platforms (AWPs), is fast becoming the cornerstone of sustainable infrastructure development. As governments and private enterprises pivot toward carbon-neutral goals, these machines—powered entirely by electricity—are emerging as viable alternatives to their diesel counterparts, significantly reducing noise, emissions, and operational costs. This shift is being propelled not only by regulatory mandates aimed at curbing greenhouse gas emissions but also by the evolving preferences of contractors and developers who are under pressure to meet green building codes and Environmental, Social, and Governance (ESG) standards.

Amid surging urban development and accelerated smart city projects worldwide, compact electric equipment is gaining traction for its maneuverability in confined spaces and its compatibility with indoor construction environments. The integration of advanced battery technologies, telematics, and semi-autonomous functionalities is radically transforming the value proposition of these machines. Forklifts and loaders are leading the transition in warehousing and logistics settings, while electric excavators are revolutionizing urban groundwork without compromising air quality or site safety. However, despite the promising outlook, market growth could be temporarily restrained by high upfront capital costs and the limited availability of fast-charging infrastructure—challenges that present significant hurdles in developing economies and

remote project zones.

Regionally, North America held a prominent share of the market in 2025, underpinned by aggressive policy interventions like tax incentives, electrification grants, and stricter emissions regulations across construction-heavy states. Europe follows closely, with countries like Germany, France, and the Netherlands heavily investing in clean infrastructure and zero-emission building sites. Meanwhile, Asia Pacific is poised to be the fastest-growing market throughout the forecast period, driven by China's commitment to peak carbon emissions by 2030, India's burgeoning infrastructure spending, and Japan's high-tech construction approach. Latin America and the Middle East & Africa are also gradually embracing electric equipment, particularly in metropolitan centers where emissions and noise limitations are becoming legally binding.

Major market player included in this report are:

Caterpillar Inc.

Volvo Construction Equipment AB

Komatsu Ltd.

Hitachi Construction Machinery Co., Ltd.

JCB Ltd.

Liebherr Group

CNH Industrial N.V.

Doosan Bobcat Inc.

Hyundai Construction Equipment Co., Ltd.

Takeuchi Mfg. Co., Ltd.

Wacker Neuson SE

Kubota Corporation

SANY Group

XCMG Group

Zoomlion Heavy Industry Science & Technology Co., Ltd.

## Global Compact Electric Construction Equipment Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Product:

Forklift

Loader

Excavator

AWP

By Ton:

Below 5 Ton

6 to 8 Ton

8 to 10 Ton

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

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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