

Boom Truck Market– Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Mount (Behind the Cab, Rear Mount, Swing Seat), By Lifting Capacity (below 10 MT, 10-30 MT, 30-50 MT, above 50 MT), By Boom Length (below 20m, 20-30m, 31-40m, above 40m), By Application (Construction, Power & Utility, Industrial/ Petrochemical, Others), By Region & Competition, 2020-2030F

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Abstracts

Market Overview

The Global Boom Truck Market was valued at USD 3.50 Billion in 2024 and is projected to reach USD 4.97 Billion by 2030, growing at a CAGR of 6.02% during the forecast period. The market is gaining steady traction due to rising infrastructure investments, growth in utility sectors, and the need for versatile material handling solutions. Boom trucks offer the dual advantage of lifting capacity and mobility, making them a favored choice across construction, telecommunications, energy, and signage sectors. Their ability to reach elevated areas without additional equipment supports operations in both urban and rural environments. As urbanization and industrial activities expand, the demand for compact, multi-functional lifting systems is surging. Fleet modernization and automation trends are further driving the market, with businesses adopting advanced boom trucks equipped with features like telematics, GPS tracking, and remote control systems. Additionally, the growing popularity of rental models and compliance-driven innovation in lightweight, fuel-efficient designs are enhancing the appeal of modern boom trucks.

Key Market Drivers

Surge in Infrastructure Development Projects

The boom in global infrastructure projects is significantly contributing to the rising demand for boom trucks, which are ideal for tasks such as lifting, transporting, and installing components across various work environments. Their use in building construction, bridge erection, utility pole placement, and signage installation reduces redundancy and accelerates project timelines. As investments in smart cities, renewable energy infrastructure, and roadways grow, boom trucks are increasingly preferred for their adaptability and efficiency. With global infrastructure spending expected to surpass USD 9 trillion by 2025, particularly in developing economies like China and across Asia, demand for these multi-purpose vehicles is poised to remain high. The integration of smart technologies within infrastructure development further supports the adoption of boom trucks for advanced, resilient urban solutions.

Key Market Challenges

High Capital Investment and Ownership Costs

The initial cost of acquiring boom trucks is substantial, which presents a financial hurdle for smaller businesses or independent contractors. Beyond purchase price, there are ongoing expenses such as maintenance, insurance, operator training, and compliance with safety certifications. These costs may be prohibitive for operations with low utilization rates, making ownership less viable. Additional challenges include storage requirements and access to specialized repair services. For many companies, particularly those in cost-sensitive sectors, rental options become a more attractive alternative to full ownership, which can constrain market growth among potential buyers.

Key Market Trends

Integration of Telematics and IoT Features

Modern boom trucks are increasingly equipped with telematics and IoT technologies that provide real-time data on usage, location, fuel consumption, and mechanical status. These features support proactive maintenance, reduce operational downtime, and enhance safety. Fleet managers can monitor performance remotely, streamline logistics, and track operator behavior, leading to better resource allocation and

compliance reporting. This digital integration is shifting fleet operations from reactive approaches to predictive, data-driven strategies, particularly beneficial in large-scale construction, mining, and utility operations where precision and uptime are critical.

Key Market Players

The Manitowoc Company, Inc.

Fassi Gru S.p.A.

Elliott Equipment Company

Altec Industries

Manitex International, Inc.

Terex Corporation

Palfinger AG

Tadano Ltd.

Load King

QMC Building Cranes

Report Scope:

In this report, the global Boom Truck Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Boom Truck Market, By Mount:

Behind the Cab

Rear Mount

Swing Seat

Boom Truck Market, By Lifting Capacity:

below 10 MT

10-30 MT

30-50 MT

above 50 MT

Boom Truck Market, By Boom Length:

below 20m

20-30m

31-40m

above 40m

Boom Truck Market, By Application:

MT Construction

Power & Utility

Industrial/ Petrochemical

Others

Boom Truck Market, By Region:

North America

United States

Canada

Mexico

Europe & CIS

Germany

France

U.K.

Spain

Italy

Asia-Pacific

China

Japan

India

Australia

South Korea

Middle East & Africa

South Africa

Saudi Arabia

UAE

Turkey

South America

Brazil

Argentina

Competitive Landscape

Company Profiles: Detailed analysis of the major companies presents in the global Boom Truck Market.

Available Customizations:

Global Boom Truck Market report with the given market data, TechSci Research offers customizations according to the company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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