

Concrete Placing Booms Market Growth Accelerates to USD 7.3 Billion by 2035, Backed by Infrastructure Development

WILMINGTON, DE, UNITED STATES, September 17, 2025 /EINPresswire.com/ -- The concrete placing booms are widely used in projects where traditional methods of concrete placement are not feasible. These machines are designed to improve construction speed, accuracy, and worker safety while minimizing labor costs. The growing trend of high-rise building construction, coupled with the rapid expansion of urban infrastructure, has boosted the demand for these advanced concrete handling systems.

The global [Concrete Placing Booms Market](#) is projected to reach USD 7.3 billion by 2035, expanding at a CAGR of 3.1 % from 2025 to 2035, driven by rapid urbanization, large-scale infrastructure development, and increasing adoption of automation in construction.

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Key Players:

- Action Construction Equipment Ltd.
- Betonstar
- Concord Concrete Pumps
- Hyundai Everdigm
- Liebherr-International Deutschland GmbH
- SANY Group
- Schwing America Inc.
- Sermac Srl
- XCMG Group
- Zoomlion Heavy Industry Science & Technology Co., Ltd.
- Aquarius Engineers Pvt. Ltd
- AJAX Engineering Limited

Concrete Placing Booms Market

The global industry was valued at **US\$ 5.2 Bn** in 2024, estimated to grow at a CAGR of **3.1%** from 2025 to 2035, and reach US \$7.3 Bn by the end of 2035



Concrete Placing Booms Market



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By Transparency Market Research

- Dynemix India Engg. Pvt. Ltd.
- JUNJIN CO., LTD.

Key Market Drivers

Global Infrastructure Development

Massive government investments in roadways, railways, airports, and smart city projects are creating strong

demand for concrete placing booms. Emerging economies such as China, India, and Brazil are leading in large-scale infrastructure development.

Rising High-Rise Construction Projects

Urbanization and population density are driving the construction of skyscrapers and multi-story residential complexes. Placing booms play a vital role in efficiently delivering concrete to upper floors.

Technological Advancements

Integration of automation, IoT, and advanced hydraulic systems is increasing the precision and reliability of concrete placing booms. Manufacturers are investing in R&D to deliver user-friendly and energy-efficient machines.

Labor Shortages and Safety Concerns

With construction industries facing skilled labor shortages, placing booms provide a solution by reducing reliance on manual labor while improving safety standards at construction sites.

Sustainability and Efficiency Goals

Construction companies are under pressure to reduce waste and improve efficiency. Concrete placing booms minimize spillage, reduce material wastage, and contribute to sustainable building practices.

Market Challenges

High Initial Investment: The cost of concrete placing booms can be a barrier for small and medium-sized construction firms.

Maintenance and Operational Costs: Regular servicing, spare parts, and operator training add to the total cost of ownership.

Economic Slowdowns: Construction activities are highly sensitive to economic cycles, impacting equipment demand during downturns.

Regulatory Compliance: Stringent safety regulations and environmental norms pose challenges for manufacturers in terms of product innovation and compliance.

Emerging Trends in the Market

Remote-Controlled and Automated Placing Booms: Enhancing operational accuracy and safety.

Lightweight and Modular Designs: Improving portability and assembly at construction sites.

Integration of Telematics: Real-time monitoring of machine performance and predictive maintenance.

Rental Services: Growth of equipment leasing and rental services catering to small and mid-scale contractors.

Hybrid and Energy-Efficient Models: Responding to sustainability goals in construction projects.

Regional Insights

Asia Pacific: The fastest-growing market, driven by massive infrastructure projects in China, India, and Southeast Asia. Government initiatives like India's Smart Cities Mission and China's Belt and Road Initiative are accelerating demand.

North America: Growth supported by urban redevelopment projects, road infrastructure improvements, and high-rise construction in cities.

Europe: Demand driven by modernization of old infrastructure, emphasis on sustainable construction, and adoption of advanced technologies.

Middle East & Africa: Rapid urbanization and mega infrastructure projects such as smart cities, stadiums, and high-rise buildings are fueling demand.

Latin America: Brazil, Mexico, and Chile are witnessing rising adoption of placing booms due to growing residential and commercial construction.

Future Outlook

The Concrete Placing Booms Market is poised for strong growth in the coming years, driven by rising infrastructure spending, rapid urbanization, and demand for efficient construction practices. Emerging economies will remain the primary growth engines, with Asia Pacific expected to hold the largest market share.

As construction firms increasingly embrace digitalization, automation, and sustainability, the

adoption of advanced placing booms will continue to rise. Manufacturers that invest in eco-friendly technologies, modular designs, and intelligent control systems are likely to secure a competitive advantage.

The industry's future is marked by greater emphasis on safety, productivity, and environmental responsibility, ensuring that concrete placing booms remain an integral part of modern construction.

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