

# **Truck Mounted Concrete Pump Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Boom or Truck Mounted Pump, Trailer, Line, or Stationary Pump, Specialized Usage Pump), By End-use (Industrial, Commercial, Domestic), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Truck Mounted Concrete Pump Market is projected to expand from USD 7.85 Billion in 2025 to USD 11.46 Billion by 2031, reflecting a CAGR of 6.51%. These specialized machines consist of a robotic arm and pumping mechanism mounted on a truck chassis, designed to deliver liquid concrete to specific locations on construction sites. Market growth is primarily fueled by rapid worldwide urbanization and significant government funding for infrastructure, which creates a need for efficient, high-volume concrete placement in complex settings. This momentum is further bolstered by the increasing construction of residential and commercial high-rise buildings requiring vertical reach capabilities. According to the Indian Construction Equipment Manufacturers' Association, sales of concrete equipment, including pumps, saw a 19% year-on-year rise in 2024.

A major hurdle potentially slowing market growth is the substantial capital required to purchase and maintain this machinery. The high upfront cost frequently discourages small and medium-sized construction companies from buying new units, compelling them to depend on rental services or pre-owned equipment. This financial constraint narrows the prospective customer base in price-sensitive regions and effectively caps the volume of new unit sales.

## Market Driver

The increase in global infrastructure projects and government expenditure acts as a major driver for the truck-mounted concrete pump sector. Authorities are allocating significant funds toward constructing essential transportation networks, such as highways and bridges, which necessitate high-capacity machinery to adhere to tight schedules. These extensive public works depend on truck-mounted pumps for their capacity to precisely place large amounts of ready-mix concrete, thereby offsetting labor shortages through mechanization. According to the US Census Bureau in October 2024, spending on public highway and street construction in the United States hit a seasonally adjusted annual rate of \$141.4 billion in August 2024. This financial dedication to public infrastructure directly supports orders for heavy concrete equipment.

Rapid urbanization and the growth of megacities are driving construction upward, creating a need for equipment with exceptional reach. The proliferation of high-rise buildings demands advanced pumping solutions capable of lifting concrete to heights unreachable by conventional pouring techniques. This trend has prompted manufacturers to innovate in areas such as boom length and remote control capabilities. According to Liebherr's 'Annual Report 2023', released in April 2024, the company's concrete technology segment achieved revenue of ?302 million, marking a 19.4% year-over-year increase. Additionally, highlighting the global demand for construction machinery, Sany Heavy Industry reported in May 2024 that its international business revenues for 2023 reached RMB 43.3 billion, an 18% increase compared to the previous year.

## Market Challenge

The substantial capital investment necessary to purchase and maintain truck-mounted concrete pumps acts as a significant impediment to the wider growth of the global market. These units require a major financial outlay, often involving complex financing structures that are challenging for small and medium-sized construction businesses to obtain. Consequently, numerous smaller contractors are effectively priced out of the market, obliging them to utilize rental services or the secondary market instead of acquiring new equipment. This change in procurement habits directly reduces sales volumes for manufacturers and confines revenue opportunities to a limited group of large-scale purchasers.

This financial obstacle is exacerbated when economic conditions tighten, rendering

capital spending on heavy machinery less feasible for cost-conscious firms. The difficulty in managing these high initial expenses results in delayed fleet expansion and a noticeable reduction in market activity. For example, the Committee for European Construction Equipment (CECE) reported in 2024 that sales in the European construction equipment market fell by 23% in the first half of the year relative to the same timeframe in 2023. Such figures demonstrate how investment hurdles and capital limitations are directly linked to decreased equipment demand and hindered market expansion.

## **Market Trends**

The increasing shift toward electric and hybrid truck-mounted concrete pumps is transforming the market as manufacturers address strict environmental standards and the need for zero-emission construction sites. Construction companies are progressively adopting these eco-friendly machines to adhere to low-noise and low-carbon regulations in populated urban centers, transitioning away from conventional diesel-powered equipment. This industry-wide movement is supported by substantial revenue generation for major OEMs expanding their new energy portfolios. For instance, according to a June 2024 article in Construction Briefing titled 'Sany reveals sales from electric- and hydrogen-powered machines', Sany announced that its total revenue from electric products hit CNY 3.1 billion in 2023, highlighting the rising commercial feasibility of these sustainable technologies.

The incorporation of IoT and telematics for real-time fleet monitoring and predictive maintenance has emerged as a crucial differentiator, enabling operators to optimize equipment uptime via data-driven analysis. Manufacturers are integrating advanced digital connectivity into pumping units to enable direct communication between machinery and service teams, thereby optimizing maintenance routines and minimizing unforeseen breakdowns. This strategic emphasis on smart technologies correlates directly with enhanced market results and global growth. Demonstrating this effect, China Trucks reported in September 2024, in the article 'Zoomlion Reports Record Overseas Revenue Growth for H1, 2024', that the company saw a 43.90% rise in overseas revenue for the first half of the year, attributing this growth to its comprehensive digitalization and localization strategy.

## **Key Market Players**

Sany Group

Zoomlion Heavy Industry Science & Technology Co Ltd

XCMG Group

Putzmeister Holding GmbH

Schwing GmbH

Liebherr Group

CIFA SpA

Concord Concrete Pumps

KCP Heavy Industries Co Ltd

Everdigm Corporation

## **Report Scope**

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

Truck Mounted Concrete Pump Market, By Type

Boom or Truck Mounted Pump

Trailer

Line

or Stationary Pump

Specialized Usage Pump

Truck Mounted Concrete Pump Market, By End-use

Industrial

Commercial

Domestic

## Truck Mounted Concrete Pump Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

## South America

Brazil

Argentina

Colombia

## Middle East & Africa

South Africa

Saudi Arabia

UAE

## Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Truck Mounted Concrete Pump Market.

## Available Customizations:

Global Truck Mounted Concrete Pump Market report with the given market data, TechSci Research offers customizations according to a 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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