

Truck Mounted Concrete Pump Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 to 2032

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Abstracts

The Global Truck Mounted Concrete Pump Market was valued at USD 4.9 billion in 2023 and is projected to grow at a CAGR of 6% between 2024 and 2032. This growth is largely attributed to the rise in infrastructure development, particularly in emerging economies. Countries such as India, China, Saudi Arabia, and Brazil are making notable investments in key infrastructure projects, including roads, bridges, airports, and railways. In terms of product segmentation, the boom pump segment accounted for around 65% of the market share in 2023 and is expected to surpass USD 5 billion by 2032. Boom pumps are favored for their ability to deliver large volumes of concrete with speed and precision, reducing labor costs and construction time. Their efficiency makes them indispensable for large-scale infrastructure projects that require fast and accurate concrete placement, particularly under tight deadlines.

From an end-user perspective, the infrastructure segment held over 43% of the market share in 2023. The increasing need for modern infrastructure, such as highways, bridges, and smart city projects, is fueling demand for truck-mounted concrete pumps. These pumps are crucial for delivering concrete to hard-to-reach areas, ensuring the precise and safe construction of large, complex structures. Geographically, the Asia Pacific region dominated the market in 2023, accounting for 45% of the total market share. The rapid growth of the real estate sector, especially in major urban centers like Tokyo, Shanghai, and Sydney, is driving demand for high-rise residential and commercial buildings.

Truck-mounted concrete pumps play a vital role in these developments, allowing for efficient concrete delivery to upper floors and overcoming space constraints in densely populated cities. Additionally, the adoption of advanced construction technologies in

countries like Japan and South Korea is further propelling the market's growth in the region. Governments are investing heavily in smart city initiatives, often requiring modern transport systems and large concrete structures. Truck-mounted concrete pumps are essential for these projects, as they allow for the precise delivery of concrete in challenging construction environments.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Research design
 - 1.1.1 Research approach
 - 1.1.2 Data collection methods
- 1.2 Base estimates & calculations
 - 1.2.1 Base year calculation
 - 1.2.2 Key trends for market estimation
- 1.3 Forecast model
- 1.4 Primary research and validation
 - 1.4.1 Primary sources
 - 1.4.2 Data mining sources
- 1.5 Market scope & definition

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021 - 2032

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
- 3.2 Supplier landscape
 - 3.2.1 Raw material & component suppliers
 - 3.2.2 Manufacturers
 - 3.2.3 Technology providers
 - 3.2.4 End-users
- 3.3 Profit margin analysis
- 3.4 Pricing analysis
- 3.5 Technology & innovation landscape
- 3.6 Patent analysis
- 3.7 Key news and initiatives
- 3.8 Regulatory landscape
- 3.9 Impact forces
 - 3.9.1 Growth drivers
 - 3.9.1.1 Rising commercial & industrial construction

- 3.9.1.2 Technological advancements improve efficiency and safety
- 3.9.1.3 Labor shortages in the construction industry
- 3.9.1.4 Government investments in infrastructure development
- 3.9.2 Industry pitfalls & challenges
 - 3.9.2.1 High initial investment costs
 - 3.9.2.2 Maintenance and repair challenges
- 3.10 Growth potential analysis
- 3.11 Porter's analysis
- 3.12 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2023

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY PRODUCT, 2021-2032 (\$BN, UNITS)

- 5.1 Key trends
- 5.2 Boom pump
- 5.3 Line pump
- 5.4 Specialized usage pump

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY PROPULSION, 2021-2032 (\$BN, UNITS)

- 6.1 Key trends
- 6.2 Diesel
- 6.3 Electric
- 6.4 Hybrid

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY BOOM LENGTH, 2021-2032 (\$BN, UNITS)

- 7.1 Key trends
- 7.2 Short boom (up to 30 meters)
- 7.3 Medium boom (30-40 meters)

7.4 Long boom (Above 40 meters)

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY END USE INDUSTRY, 2021-2032 (\$BN, UNITS)

8.1 Key trends

8.2 Residential

8.3 Commercial

8.4 Industrial

8.5 Infrastructure

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (\$BN, UNITS)

9.1 Key trends

9.2 North America

9.2.1 U.S.

9.2.2 Canada

9.3 Europe

9.3.1 UK

9.3.2 Germany

9.3.3 France

9.3.4 Italy

9.3.5 Spain

9.3.6 Russia

9.3.7 Nordics

9.4 Asia Pacific

9.4.1 China

9.4.2 India

9.4.3 Japan

9.4.4 South Korea

9.4.5 ANZ

9.4.6 Southeast Asia

9.5 Latin America

9.5.1 Brazil

9.5.2 Mexico

9.5.3 Argentina

9.6 MEA

9.6.1 UAE

9.6.2 Saudi Arabia

9.6.3 South Africa

CHAPTER 10 COMPANY PROFILES

10.1 Action Construction Equipment Ltd.

10.2 Ajax Fiori Engineering

10.3 Alliance Concrete Pumps

10.4 Anhui Hualing Xingma Automobile Co., Ltd.

10.5 Concord Concrete Pumps

10.6 DY Concrete Pumps

10.7 Everdigm Corporation

10.8 JunJin Heavy Industry Co., Ltd.

10.9 KCP Heavy Industries Co., Ltd.

10.10 Kyokuto Kaihatsu Kogyo

10.11 Liebherr Group

10.12 Linuo Machinery Group Co., Ltd.

10.13 Reed Concrete Pumps

10.14 Sany Group

10.15 Schwing GmbH

10.16 Sermac

10.17 Shantui Construction Machinery Co., Ltd.

10.18 XCMG

10.19 Zhongjian Technology

10.20 Zoomlion Heavy Industry

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