

Construction Equipment Rental Market to hit \$220.7 Bn Globally by 2033, Growing by CAGR of 6.6% | Allied Market Research

Rising Infrastructure Development, Cost-Efficient Fleet Management, Urbanization, and Demand for Sustainable Construction Solutions Fuel Global Market Growth

WILMINGTON, DE, UNITED STATES, July 1, 2026 /EINPresswire.com/ -- Allied Market Research has released a new report titled, "[Global Construction Equipment Rental Market](#)" by

Equipment Type (Earthmoving Equipment, Material Handling Equipment, Concrete & Road Construction Equipment, Others), Propulsion Type (ICE, Electric), Application (Residential, Commercial, Industrial), and Region: Global Opportunity Analysis and Industry Forecast, 2024–2033." According to the report, the global construction equipment rental market was valued at \$161.2 billion in 2023 and is projected to reach \$280.3 billion by 2032, registering a CAGR of 5.7% from 2018 to 2032.

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Equipment rental is becoming the preferred procurement strategy as contractors seek flexibility, lower ownership costs, and access to technologically advanced construction machinery.”

*Allied Market Research
Analyst*

The market continues to expand as contractors, infrastructure developers, and industrial organizations increasingly prefer rental equipment over ownership to reduce capital expenditures, improve operational flexibility, and gain access to the latest construction technologies. Growing investments in transportation infrastructure, commercial development, mining activities, and urban expansion are creating favorable opportunities for equipment rental service providers worldwide.



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Construction companies are increasingly adopting rental models to address fluctuating project requirements, optimize equipment utilization, and minimize maintenance costs. Rental solutions enable contractors to deploy specialized machinery without significant upfront investment while improving project efficiency and financial flexibility.

Rapid urbanization, government infrastructure spending, expanding smart city projects, and growing public-private partnerships are driving sustained demand for earthmoving equipment, cranes, loaders, excavators, aerial work platforms, and material handling machinery.

Additionally, increasing environmental regulations and technological advancements are encouraging rental companies to modernize fleets with fuel-efficient, low-emission, and electric-powered equipment, further supporting long-term market growth.

Market Drivers

Several factors continue to accelerate the growth of the construction equipment rental market:

- > Increasing global infrastructure investments
- > Rising urbanization and industrial development
- > Growing preference for asset-light business models
- > Lower equipment ownership and maintenance costs
- > Expanding mining and energy sector projects
- > Increasing adoption of electric and sustainable construction equipment
- > Technological advancements in fleet management and telematics

At the same time, market participants continue addressing challenges including equipment availability during peak construction seasons, fleet maintenance costs, and economic uncertainties affecting capital investments.

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Market Segments

By Equipment Type

The Earthmoving Equipment segment accounted for the largest market share in 2023. Excavators, loaders, backhoe loaders, bulldozers, and graders remain essential across infrastructure development, mining operations, road construction, and residential projects due to their versatility and productivity.

Material handling equipment is also witnessing significant demand as warehouse construction, logistics facilities, manufacturing plants, and commercial developments continue expanding globally.

Concrete and road construction equipment is expected to experience steady growth, supported by increasing highway modernization, bridge construction, airport expansion, and urban transportation projects.

By Propulsion Type

The Internal Combustion Engine (ICE) segment dominated the market in 2023 due to its widespread deployment across heavy-duty construction applications requiring high power and extended operating hours.

The Electric segment is anticipated to register the fastest growth throughout the forecast period as governments implement stricter emission standards and contractors prioritize environmentally sustainable construction practices. Battery-powered compact equipment, electric excavators, and zero-emission machinery are gaining increasing commercial adoption.

By Application

The Commercial segment held the largest market share in 2023, driven by continuous investments in office buildings, retail complexes, hospitality projects, healthcare facilities, educational institutions, and mixed-use developments.

Industrial applications are expected to witness notable growth owing to expansion in manufacturing plants, energy facilities, logistics centers, and mining operations, while residential construction continues to generate consistent demand for compact rental equipment.

Regional Outlook

North America

North America continues to represent a significant share of the global construction equipment rental market. Strong investments in transportation infrastructure, increasing adoption of rental business models, advanced fleet management technologies, and a mature equipment rental ecosystem support regional growth. Equipment rental remains widely preferred among contractors seeking operational efficiency and reduced capital expenditures.

Europe

Europe is expected to witness steady market expansion due to increasing investments in sustainable infrastructure, replacement of aging construction fleets, strict environmental

regulations, and rising demand for electric construction equipment. Rental companies continue investing in digitally connected fleets to improve equipment utilization and customer service.

Asia-Pacific

Asia-Pacific accounted for the highest market share in 2023 and is projected to maintain its leadership throughout the forecast period. Rapid urbanization, industrialization, large-scale infrastructure development, expanding construction activities across China, India, Japan, Southeast Asia, and Australia, along with favorable government investments in transportation and smart cities, continue to drive regional demand for construction equipment rental services.

LAMEA

Latin America, the Middle East, and Africa are expected to present attractive growth opportunities due to increasing investments in mining, oil & gas, transportation infrastructure, renewable energy projects, and urban development initiatives. Growing awareness of cost-efficient rental models is further supporting market expansion across these emerging economies.

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Digitale Transformation des Baugewerks

Digital transformation continues to reshape the construction equipment rental industry through rapid adoption of intelligent fleet technologies and connected equipment. Key trends include:

- > GPS-enabled fleet tracking and telematics
- > Predictive maintenance powered by IoT sensors
- > Artificial intelligence for fleet optimization
- > Digital rental management platforms
- > Equipment utilization analytics
- > Mobile applications for online equipment booking
- > Electric and hybrid construction equipment
- > Automated maintenance scheduling
- > Remote diagnostics and asset monitoring
- > Subscription-based equipment rental services

Rental providers are increasingly integrating digital technologies to maximize fleet productivity, reduce equipment downtime, improve customer experience, and support data-driven operational decision-making.

Digitale Transformation des Baugewerks

- > The [Global Construction Equipment Rental Market](#) was valued at \$93.5 billion in 2018.
- > The market is projected to reach \$220.7 billion by 2032.
- > The industry is expected to grow at a 6.6% CAGR during 2023 to 2032.
- > Earthmoving equipment generated the highest market revenue in 2023.
- > Internal combustion engine equipment remained the dominant propulsion segment.
- > Commercial applications accounted for the largest market share.
- > Asia-Pacific led the global market in 2023.

Increasing infrastructure investments, equipment affordability, digital fleet management, and sustainability initiatives continue to drive long-term market growth.

Key Market Players

Major companies operating in the global construction equipment rental market include:

Sarens n.v./s.a., NESCO Holdings, Inc., Herc Rentals Inc., Kanamoto Co., Ltd., Ramirent AB, Mtand Group, Boels Rentals, H&E Equipment Services Inc., Maxim Crane Works, L.P., United Rentals, Inc.

These market participants continue to strengthen their competitive position through strategic acquisitions, fleet modernization, digital rental platforms, sustainability initiatives, geographic expansion, and investments in electric and connected construction equipment.

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Construction contractors, rental service providers, equipment manufacturers, infrastructure developers, investors, and industry stakeholders seeking detailed market intelligence can leverage Allied Market Research's Construction Equipment Rental Market report to identify emerging growth opportunities, evaluate competitive strategies, analyze regional demand trends, and support informed business decisions through 2033.

The report provides comprehensive quantitative and qualitative analysis covering market size, growth forecasts, segmentation, competitive landscape, technology developments, investment opportunities, and strategic recommendations for organizations operating across the global construction equipment rental ecosystem.

Construction Equipment Rental Market Report & Market Outlook:

Construction Equipment Rental Services Market
<https://www.alliedmarketresearch.com/construction-equipment-rental-services-market->

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Underground Electric Construction Equipment Market

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underground construction equipment market

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