

Earthmoving Equipment Market Size, Share & Trends Analysis Report By Product (Dozer, Excavator, Loader, Motor Grader, Dump Truck), By Engine Capacity, By Type, By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Earthmoving Equipment Market Growth & Trends

The global earthmoving equipment market size is expected to reach USD 99.90 billion in 2030 and is projected to grow at a CAGR of 5.8% from 2025 to 2030, according to a new report by Grand View Research, Inc. The global demand for earthmoving equipment is propelled by rapid urbanization and the necessity for modern infrastructure.

Governments worldwide are investing substantially in infrastructure projects, including roads, bridges, airports, and railways. For instance, in May 2023, in the U.S. government announced funding of over USD 220 billion for over 32,000 projects across the U.S. As part of the Investing in America agenda, the administration is rebuilding the bridges & roads, cleaning up legacy pollution, high-speed internet, and replacing lead pipes to provide clean water. Such government initiatives increase the demand for earthmoving equipment in the country. Additionally, the accelerated urbanization and population growth in various regions necessitate the construction of residential and commercial buildings to accommodate the expanding population.

However, the growing popularity of earthmoving equipment rentals presents a significant challenge for Original Equipment Manufacturers (OEMs). Renting provides access to top-notch equipment without significant initial investments, reducing financial risks. Customers prefer flexible rental options that eliminate long-term ownership and

maintenance costs. Adapting these shifting customer preferences is crucial for OEMs to meet evolving market demands. Furthermore, the exorbitant expenses associated with acquiring and upkeeping earthmoving equipment can dissuade potential buyers, particularly Small and Medium-sized Enterprises (SMEs). The industry's capital-intensive nature hampers its expansion and hinders SMEs' access to earthmoving equipment.

Increasing environmental concerns and stricter regulations drive the demand for eco-friendly market. This shift prompts the industry to adopt electric and hybrid-powered equipment, reducing carbon emissions and decreasing noise pollution at construction sites. Manufacturers invest in research and development to improve earthmoving equipment's energy efficiency and sustainability. This trend offers significant opportunities for companies to offer greener alternatives and differentiate themselves in the market. For instance, in February 2023, CNH Industrial N.V. announced an agreement with TOBROCCO-GIANT, a construction equipment company based in the Netherlands. Under the agreement, the TOBROCCO-GIANT's compact and sub-compact wheel loaders will be supplied under CNH Industrial N.V.'s brands: New Holland Construction and CASE Construction Equipment in North America.

Earthmoving Equipment Market Report Highlights

The loader segment dominated the earthmoving equipment market with a revenue share of 50.2% in 2024. The loader segment encompasses various types, such as wheeled loaders and skid-steer loaders

Up to 250 HP segment accounted for the largest market share in 2024. Machines with a power range of up to 250 HP are commonly utilized for medium-scale projects that require a balance between power and maneuverability

ICE accounted for the largest market share in 2024, the growth primarily driven by the need to meet these power and torque demands while ensuring optimal performance

Electric is anticipated to register the fastest CAGR over the forecast period. The integration of electric engines in earthmoving equipment presents numerous opportunities and benefits

Asia Pacific earthmoving equipment market dominated globally with a

revenue share of 40.8% in 2024. This is attributed to growing infrastructure development projects initiated by governments and organizations in countries such as China, India, and others

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