

# Global Forestry Equipment Market: 2026 Edition

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## Abstracts

The global forestry equipment market was valued at US\$11.33 billion in 2024. The market value is expected to reach US\$14.51 billion by 2030. Forestry equipment refers to a wide range of specialized machinery and tools designed for use in forestry operations, which include the cultivation, management, and harvesting of trees and forests. These includes machinery like harvesters, skidders, forwarders, and chippers, designed to improve efficiency and sustainability in forest operations.

In the forthcoming years, the forestry equipment market is expected to continue growing due to several converging trends. One key factor is the increasing focus of industries on more efficient and sustainable forestry practices. The trend toward sustainable forest management, which includes responsible harvesting, forest regeneration, and minimizing environmental impact, has driven the need for specialized equipment that can support these practices. Additionally, the growing bioenergy sector, which relies on wood and biomass, has also contributed to the expansion of the forestry equipment market. As renewable energy sources continue to be prioritized, the demand for equipment capable of handling biomass harvesting, wood processing, and transportation has increased. Furthermore, the integration of electric and hybrid systems in forestry equipment is expected to increase as industries move towards more eco-friendly solutions, contributing to the global market growth. The market is expected to grow at a CAGR of approx. 4% during the forecasted period of 2025-2030.

## Market Segmentation Analysis:

By Product: The report identifies five segments on the basis of product: Felling Equipment, Extracting Equipment, On-Site Processing Equipment, Other Forestry Equipment and Separately Sold Parts and Attachments. The felling equipment segment held a significant share of the global market due to the increasing demand for timber, especially in construction and paper industries, which directly impacts the need for

efficient tree-cutting equipment. Additionally, advancements in machinery that improve fuel efficiency, reduce emissions, and enhance cutting precision support growth. The trend toward sustainable forest management also plays a significant role, as modern felling equipment is designed to reduce environmental impact, such as minimizing soil disturbance and controlling tree removal to prevent over-harvesting. Technological innovations like automated and remote-controlled felling machines are expected to drive the segment forward in the coming years.

**By Power Source:** Based on the grade, the global forestry equipment market can be divided into two segments: Oil, Gas and Electric. Among the power source, oil forestry equipment segment dominated the market in 2024. This market's dominance is attributed to the reliability and longevity of oil-powered machinery, characteristics that are ideal for operating in rugged and remote environments where high performance is crucial. The fuel efficiency and long operational hours between refueling are key advantages, especially in large logging operations where downtime must be minimized. As oil-powered machines become more fuel-efficient and meet evolving emissions standards, they are likely to continue to play a prominent role in high-capacity forestry tasks, supporting continued demand in the segment.

**By Region:** In the report, the global forestry equipment market is divided into four regions: North America (The US, Mexico and Canada), Europe (Germany, UK, France, Italy, and Rest of Europe), Asia Pacific (China, Japan, India, South Korea and the Rest of Asia Pacific), and Rest of the World. In 2024, the North America region led the forestry equipment market, propelled by a combination of factors. The region's focus on sustainable forestry practices has increased the demand for advanced machinery that improves efficiency and minimizes environmental impact. Technological innovations, such as automation and GPS integration, have further boosted operational productivity.

During 2025-2030, the US is forecasted to maintain its lead within North America. The presence of major forestry equipment manufacturers in the U.S. and Canada has strengthened the supply chain, while government policies supporting forest conservation and sustainable land management have stimulated market growth. Additionally, rising demand for timber and wood products, driven by the construction industry, along with growing forest conservation and restoration initiatives, has further propelled the region's dominance in the market.

### **Market Dynamics:**

**Growth Drivers:** The global forestry equipment market growth is predicted to be

supported by numerous growth drivers such as increasing demand for wood and wood products, expanding construction sector, rising investments across the forestry industry, upswing in wood product manufacturing, and many other factors. Rapid urbanization and infrastructure development are significantly influencing the global forestry equipment market by escalating the demand for sustainable wood products and efficient forest management practices. As urban areas expand, the need for timber and wood-based materials for construction and other applications rises sharply, necessitating advanced machinery to meet these demands effectively. This surge in demand is prompting investments in modern forestry equipment that enhances productivity while minimizing environmental impact. Moreover, the increasing focus on renewable energy sources, particularly wood pellets for bioenergy, also creates new opportunities for forestry equipment applications, further driving market growth.

**Challenges:** However, the market growth would be negatively impacted by various challenges such as high maintenance costs, competition from emerging markets, etc.

**Trends:** The market is projected to grow at a fast pace during the forecast period, due to various latest trends such as presence of diversified forest area and forestry activities, replacement of older, less productive forestry equipment, upsurge in bioenergy industry, increased automation in forestry operations, etc. The growing demand for sustainable forestry practices is driving the global forestry equipment market, as environmental concerns prompt industries and consumers to prioritize eco-friendly operations. Stricter regulations on deforestation and biodiversity protection encourage investments in low-emission, fuel-efficient machinery. The rise in eco-friendly construction and renewable materials further boosts the need for innovative harvesting technologies. Manufacturers are developing equipment that enhances efficiency while supporting sustainability, positioning the market for strong growth. As technology advances to meet these needs, companies focusing on sustainable practices will gain a competitive edge, driving both environmental and economic benefits.

### **Impact Analysis of COVID-19 and Way Forward:**

The COVID-19 pandemic initially disrupted the global forestry equipment market by causing supply chain delays, manufacturing halts, and reduced demand due to labor shortages and economic uncertainties. However, post-COVID, the market has shown signs of recovery as demand for mechanized equipment rises, driven by the need for increased efficiency, sustainability in forest management, and infrastructure development. The growing focus on automation and technology integration in forestry operations is further accelerating market growth, as companies seek to optimize

productivity and enhance decision-making. Additionally, the rising emphasis on eco-friendly and fuel-efficient machinery, coupled with the growing adoption of smart equipment, is positioning the market for long-term expansion. This shift towards advanced solutions post-pandemic is driving innovation and boosting demand for modern forestry equipment.

### **Competitive Landscape:**

The global forestry equipment market is fragmented in nature, with a mix of established industry leaders and emerging players. The key players in the global forestry equipment market are:

Deere & Company

Hitachi Construction Machinery Co. Ltd.

Volvo Group (Volvo Construction Equipment)

Komatsu Limited

Ponsse PLC

Caterpillar Inc.

Husqvarna Group

CNH Industrial N.V.

Bell Equipment Limited

Tigercat International Inc.

Barko Hydraulics, LLC

Rottne Industri AB

The key players are constantly investing in strategic initiatives, such as new product launch, introducing their products to emerging markets and more, to maintain a

competitive edge in this market. For instance, in February 2024, John Deere introduced the 950 P-Tier and 1050 P-Tier large dozer models, which boast advanced visibility and safety features as part of the transition to P-Tier. In addition, both the 950 P-Tier and 1050 P-Tier offer enhanced visibility and improved safety features, positioning them as an ideal solution for operators aiming to boost productivity and protection on the jobsite. Similarly, in June 2023, Volvo CE announced the launch of a new Compact Business Unit in order to maximize the opportunities in the growing compact equipment segment. The new Compact Business Unit was responsible for compact excavators up to 9 tons and compact wheel loaders up to the L50 model.

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