

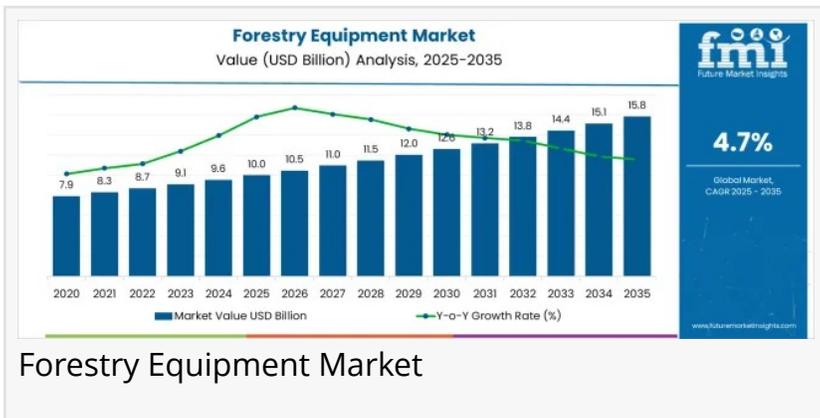
U.S. Forestry Equipment Market Forecast 2025–2035: Growth Outlook, Trends, and Strategic Opportunities

The U.S. forestry equipment market is set for steady long-term growth, driven by mechanization, digitalization, and rising biomass demand.

NEWARK, DE, UNITED STATES,
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EINPresswire.com/ -- The global [Forestry Equipment Market](#) is on a steady upward trajectory as mechanization accelerates across

commercial timber, biomass, and reforestation operations. Valued at USD 10.0 billion in 2025, the market is projected to reach USD 15.8 billion by 2035, expanding at a CAGR of 4.7%. With a 58% total growth outlook, the industry is entering a decade of modernization driven by sustainable harvesting, digital fleet management, and rising investments in low-impact machinery.



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As the industry shifts toward sustainable, tech-enabled operations, forestry equipment manufacturers have a decade of strong, innovation-led growth ahead.”

*opines Nikhil Kaitwade,
Associate Vice President at
FMI*

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During 2025–2030, the sector will add USD 2.6 billion in value, accounting for nearly 45% of the total growth opportunity. The pace accelerates post-2030, reaching an additional USD 3.2 billion by 2035 as annual increments expand alongside investments in advanced harvesters, electric-drive equipment, and precision forestry tools.

Industry analysis indicates that adoption of automation, emissions-compliant engines, and real-time monitoring systems will remain central to equipment replacement cycles globally.

Recent studies reinforce that modernization efforts, environmental policies, and increased

biomass utilization are key accelerators. From thinning and land clearing to commercial logging operations, OEMs are positioned for stable returns through equipment upgrades and fleet expansions across developed and emerging forestry economies.

Market Outlook and Key Forces Shaping Growth

The forestry equipment industry accounts for approximately 15–18% of the heavy machinery market and 20–25% of the timber and wood-processing ecosystem. Its role is growing rapidly as governments intensify reforestation, wildfire prevention, and sustainable land management initiatives. Equipment such as forwarders, feller bunchers, mulchers, and precision harvesters continues to see rising deployment across North America, APAC, and Europe.

Between 2025 and 2035, growth is expected to be underpinned by:

- Mechanized Logging Expansion: Increasing adoption of specialized equipment for thinning, selective harvesting, and plantation management.
- Sustainability Regulations: Stronger mandates for low-emission engines, eco-mode propulsion, and reduced soil impact.
- Digitalization and Telematics: Growing demand for data-driven fleet operations, predictive maintenance, and GPS-integrated harvesting systems.
- Biomass and Bioenergy Demand: Surge in pellet production and biomass fuel has accelerated investment in chippers, skidders, and transport machinery.

Low-impact equipment suited for rugged terrain, hybrid-powered harvesters, and automation-ready machines are becoming essential in both commercial and government forestry operations.

Segmental Highlights

In 2025, the On-site Processing Equipment segment retains its leadership with a 41.7% revenue share. Its dominance is driven by the need for integrated cutting, delimiting, and bucking systems that minimize transportation costs and improve yield efficiency. Precision harvesting solutions continue to gain traction due to their ability to reduce environmental disruption and support selective logging in sensitive zones.

Technology and Innovation Trends

Market momentum is notably influenced by four major innovation waves:

- Precision Forestry: GPS-guided harvesters saw a 27% jump in demand, reducing waste by up to 20% and improving fuel savings through optimized processing.
- Low-Emission Machinery: Hybrid forwarders and battery-assisted harvesters gained rapid traction amid strict environmental rules, especially in Europe.

- Mechanized Thinning Equipment: Biomass producers benefited from a 19% drop in procurement costs thanks to lightweight thinning systems.
- Retrofit Digital Kits: Legacy fleet digitization grew 33% in 2025, driven by adoption of CAN bus-based telemetry and predictive maintenance tools.

Global Growth Hotspots

- China (6.3% CAGR): Expansion fueled by large-scale afforestation and state-backed mechanization.
- India (5.9% CAGR): Growing adoption of brush cutters, skidders, and thinning machinery across plantation forestry.
- Germany (5.4% CAGR): Precision forestry and hybrid fleets driving equipment upgrades.
- UK (4.5% CAGR): Remote-operated equipment and biomass expansion projects fuel demand.
- USA (4.0% CAGR): Wildfire management, resilience projects, and telematics-enabled fleet modernization support growth.

Competitive Landscape

The market remains moderately consolidated with key players including Caterpillar, Deere & Company, Komatsu, Hitachi Construction Machinery, Husqvarna, Eco Log Sweden AB, Logset Oy, Kesla OYJ, and Morbark LLC. Innovations in automation, electric drives, lightweight chassis design, and data-integrated machinery continue to define competitive strengths across regions.

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