

Road Saw Market to Reach USD 1,077 Million by 2035, Fueled by Infrastructure Growth and Sustainable Innovations

Prominent players in the market are Makita Corporation, Husqvarna AB, Hilti AG, Andreas Stihl AG & Co. KG, Robert Bosch GmbH, Wacker Neuson SE

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EINPresswire.com/ -- The global [Road Saw Market](#) is entering a steady growth phase, driven by rising infrastructure development, modernization of construction tools, and innovation in eco-friendly machinery. Valued at USD 742 million in 2025, the market is projected to climb to USD 1,077 million by 2035, expanding at a CAGR of 3.8% during the forecast period.



With increasing demand for precision cutting in roadworks, construction, and renovation projects, road saws have become vital tools for ensuring efficiency, safety, and durability in concrete and asphalt cutting applications worldwide.

Market Drivers: Infrastructure Development, Technology, and Sustainability

Rising Construction and Infrastructure Projects

The global surge in infrastructure projects—including highways, airports, and urban development—continues to boost demand for road saws. Growing government investments in smart cities and transportation upgrades further accelerate adoption, with Asia-Pacific and North America leading in large-scale public works.

Sustainability as a Design Imperative

With increasing environmental regulations, manufacturers are focusing on developing low-emission, noise-reduced, and electrically powered road saws. This aligns with global sustainability goals while meeting contractor demand for machinery suitable for both outdoor

and indoor operations.

Technological Advancements for Precision and Safety

Next-generation road saws integrate advanced features such as brushless motors, vibration reduction systems, and digital monitoring. These upgrades enhance accuracy, operator comfort, and productivity, making road saws indispensable in modern construction settings.

Full Market Report available for delivery. For purchase or customization, please request here - https://www.factmr.com/connectus/sample?flag=S&rep_id=11003

For more on their methodology and market coverage, visit: <https://www.factmr.com/about-company>

Segmentation of Road Saw Market:

Based on power source, the market is divided into fuel-powered and electric/battery-powered road saws. Fuel-powered models continue to lead in heavy-duty applications, but electric and battery-powered saws are witnessing the fastest growth, driven by sustainability initiatives, noise reduction requirements, and stricter emission norms.

In terms of application, road and highway construction remains the largest segment, supported by rising global infrastructure upgrades. Additional demand stems from airport runway and bridge maintenance, which require high-precision cutting, as well as from building renovation and demolition projects in urban areas.

By end-user, construction companies represent the largest consumer base, followed by municipalities and government agencies engaged in road repair and maintenance. Industrial contractors are also increasingly adopting road saws for flooring and utility infrastructure works.

Regionally, North America leads the market with strong demand backed by federal infrastructure investments and advanced construction practices. Europe emphasizes eco-friendly and low-noise electric models in response to strict environmental regulations, while Asia-Pacific is the fastest-growing region due to rapid urbanization, smart city projects, and large-scale road development in China, India, and Southeast Asia.

Competitive Landscape

The road saw industry is competitive, with global power tool leaders and specialized construction equipment makers shaping innovation and market dynamics.

Key players in the Road Saw Market include:

Makita Corporation
Husqvarna AB
Hilti AG
Andreas Stihl AG & Co. KG
Robert Bosch GmbH
Wacker Neuson SE
DEWALT Industrial Tool Co.
Diamond Products Limited
Eibenstock Elektrowerkzeuge

These companies are focusing on electric-powered models, reduced vibration technologies, and improved durability to meet the evolving demands of contractors and regulators.

Recent Developments

March 2023 – Husqvarna FS 600 E Launch: Husqvarna unveiled its FS 600 E walk-behind electronic floor saw at the World of Concrete (WOC) 2023 trade show. Designed with sustainability in mind, the model reduces emissions and noise, making it ideal for indoor and densely populated areas.

March 2025 – Makita's Market Entry: Makita introduced its GEC01Z model, an 80V max (40V max X2) XGT® Brushless 14" Power Cutter. This electric-powered saw matches the performance of a 75.6cc gas saw while delivering up to 25% faster cutting and 26% less vibration—marking Makita's significant entry into the road saw segment.

These innovations underscore the sector's shift toward sustainable, high-performance cutting solutions designed to meet modern construction demands.

Regional Outlook

United States – Infrastructure Spending Drives Demand

The U.S. continues to lead in road saw adoption, supported by heavy investments in infrastructure upgrades under federal funding programs. Demand is particularly high for advanced, electric-powered models that align with evolving safety and environmental standards.

Europe – Emphasis on Eco-Friendly Machinery

European nations are accelerating demand for low-emission, noise-reduced saws in compliance with strict environmental norms. The adoption of battery-powered models is gaining traction in urban construction.

Asia-Pacific – Rapid Urbanization and Smart Cities

China, India, and Southeast Asia are witnessing robust demand for road saws, propelled by

large-scale infrastructure projects and rapid urban expansion. The construction of smart cities and transport networks continues to provide strong growth momentum.

Future Outlook: Smarter, Cleaner, and More Efficient

The future of the road saw market will be defined by sustainability, precision, and digital integration. Key trends shaping the sector include:

Electric & Hybrid Models: Growing replacement of traditional gas saws with battery-powered alternatives.

Smart Monitoring Systems: Sensors and IoT-enabled tools for predictive maintenance and operator safety.

Lightweight & Ergonomic Designs: Enhanced portability and reduced operator fatigue.

Durability & Efficiency: Innovations in blade technology and cooling systems for longer tool life and faster cuts.

By 2035, the Road Saw Market will be central to supporting infrastructure expansion while advancing sustainability goals and digital construction practices.

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Editor's Note:

This press release is based on insights from the Fact.MR Road Saw Market Report, offering detailed analysis of growth trends, competitive strategies, and market projections across global and regional markets. It provides actionable intelligence for manufacturers, distributors, investors, and policymakers shaping the future of construction equipment.

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