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Floor Saw Market Forecasts to 2030 – Global Analysis By Type (Handheld Floor Saws, Walk-Behind Floor Saws, Manual Floor Saws, Track-Mounted Floor Saws, Electric Floor Saws and Other Types), Blade Type, Power Source, Application, End User and By Geography

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Abstracts

According to Stratistics MRC, the Global Floor Saw Market is accounted for $379.9 million in 2024 and is expected to reach $545.1 million by 2030 growing at a CAGR of 6.2% during the forecast period. A floor saw, also known as a concrete saw or road saw, is a powerful tool used for cutting through hard surfaces like concrete, asphalt, and stone. It typically features a diamond blade or abrasive blade that can handle deep and precise cuts. Floor saws are commonly used in construction, roadwork, and demolition projects to create expansion joints, remove damaged pavement, or prepare surfaces for repairs. They are available in various sizes, ranging from smaller, portable models to large, walk-behind machines for heavy-duty tasks.

According to the Organization of Global Road Map, based in Queens land, Australia, at least 25 million kilometers of new roads are expected globally by 2050; this will create a demand for floor saws during the forecast period.

Market Dynamics:

Driver:

Increasing demand for infrastructure development

The increasing demand for infrastructure development is driving growth in the market. As urbanization accelerates and construction projects expand, floor saws are essential for efficient cutting of concrete and asphalt in roadwork, building construction, and renovation projects. This demand is further fueled by the need for precise, durable cutting equipment that ensures high-quality results. Consequently, the market for floor saws is experiencing significant expansion to meet these growing infrastructure needs.

Restraint:

Competition from alternative technologies

Competition from alternative technologies, such as wire saws and diamond cutting tools, poses a challenge to the market. These technologies offer faster, more efficient cutting capabilities and can handle tougher materials, reducing the demand for traditional floor saws. As a result, manufacturers face pressure to innovate and lower prices to remain competitive, which can impact profitability and market share, potentially slowing growth in the floor saw industry.

Opportunity:

Growth in the construction industry

The growth of the construction industry is significantly boosting the market. With rising infrastructure projects, urbanization, and residential developments, there is an increasing demand for precise cutting tools in tasks such as road construction, flooring, and concrete cutting. Floor saws provide the necessary efficiency and accuracy, making them indispensable for modern construction. As construction activity intensifies globally, the floor saw market is poised for substantial expansion to support these needs.

Threat:

Maintenance and operating costs

High maintenance and operating costs in the market can significantly impact profitability for businesses. Frequent servicing, parts replacement, and fuel or energy consumption increase overall expenses, making floor saws less attractive to cost-conscious customers. This can lead to lower adoption rates, particularly in price-sensitive markets, and create financial strain on operators. Additionally, ongoing high costs may reduce the competitive edge of floor saw manufacturers compared to more affordable alternatives.

Covid-19 Impact:

The COVID-19 pandemic severely impacted the market by disrupting supply chains, delaying production, and reducing construction activities. With restrictions on movement and labor shortages, demand for floor saws decreased as many projects were postponed or canceled. Economic uncertainty also led to reduced investments in infrastructure, further stalling market growth. However, the market is recovering as construction activities resume and industries adapt to new operational norms post-pandemic.

The manual floor segment is expected to be the largest during the forecast period

The manual floor segment is expected to account for the largest market share during the projection period. These saws are preferred by contractors for tasks that require portability and flexibility, offering a more cost-effective solution compared to powered options. Despite advancements in technology, manual floor saws remain popular for niche applications, particularly in residential or low-budget construction, where precision and heavy machinery aren't always necessary.

The cermet blades segment is expected to have the highest CAGR during the forecast period

The cermet blades segment is expected to have the highest CAGR during the extrapolated period. Composed of ceramic and metal materials, these blades offer longer lifespan and enhanced cutting performance, especially for tough materials like concrete and asphalt. While more expensive than traditional blades, cermet blades reduce maintenance costs and improve efficiency, making them an attractive option for high-demand, precision-driven projects in the construction and infrastructure sectors.

Region with largest share:

North America region is projected to account for the largest market share during the forecast period driven by increasing demand in construction, infrastructure development, and maintenance projects. Technological advancements, such as high-performance diamond blades and automated floor saws, are enhancing productivity and precision. The region's focus on road repairs, urbanization, and large-scale construction projects further fuels market expansion.

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Region with highest CAGR:

Asia Pacific is expected to register the highest growth rate over the forecast period. The continued expansion of the construction industry in the region, including the development of commercial, residential, and industrial buildings, contributes to the rising need for floor cutting tools like saws. Additionally, governments in countries like China, India, and others in the region are heavily investing in infrastructure upgrades, including road maintenance and new construction projects, which further fuels the demand for floor saws.

Key players in the market

Some of the key players in Floor Saw market include Husqvarna Group,STIHL Inc., Makita Corporation, Hilti Corporation, Caterpillar Inc., Volvo Construction Equipment, Bosch Power Tools, Diamond Products Ltd., Wacker Neuson, Terex Corporation, Dynapac, Screedmaster, Dewalt, Makinex and China National Petroleum Corporation (CNPC).

Key Developments:

In January 2024, STIHL introduced the TSA 300 Cutquik, a battery-operated saw that can cut through a 4-inch concrete slab. It is intended for use by professionals in the construction and landscaping industries. With a well-balanced power head, the cut-off machine’s cutting performance is similar to that of gasoline-powered cut-off machines. This saw makes clean cuts and has minimal vibrations..

In August 2023, Makita U.S.A., Inc has released 40V max XGT® Brushless 6-1/2” Circular Saw (GSH05) that combines faster cutting speeds with a lightweight and durable design. Auto-Start Wireless System (AWS®), the GSH05 features the Auto-Start Wireless System (AWS®), which uses Bluetooth® technology for wireless power-on and power-off communication between the equipped tool and dust extractor.

Types Covered:

Handheld Floor Saws

Walk-Behind Floor Saws

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Manual Floor Saws

Track-Mounted Floor Saws

Electric Floor Saws

Other Types

Blade Types Covered:

Diamond Blades

Tungsten Carbide Blades

High-Speed Steel (HSS) Blades

Carbide-Tipped Blades

Cermet Blades

Other Blade Types

Power Sources Covered:

Gas

Electric

Hydraulic

Pneumatic

Applications Covered:

Home Renovation

Demolition

Road Maintenance

Tile & Stone Cutting

Utility & Trenching

Other Applications

End Users Covered:

Industrial

Construction

Commercial

Government Agencies

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

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Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:
- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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