

Cordless Sanders Market Positioned for Strong Growth with Innovation Driving Future Opportunities

Cordless sanders market growth driven by battery innovation, DIY adoption, and professional demand, creating opportunities for tool makers.

NEWARK, DE, UNITED STATES, August 29, 2025 /EINPresswire.com/ -- [Cordless Sanders Market](#) Set to Transform Tool Industry with Innovation and End-User Focus

The global cordless sanders market is entering a transformative phase, with projected growth from USD 1.5 billion in 2025 to USD 2.6 billion by 2035. This momentum, built on a steady CAGR of 5.4%, highlights the industry's strong response to shifting user preferences, advancing battery technology, and the rising demand for maneuverable, efficient, and high-performing power tools.

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Manufacturers embracing battery innovation, ergonomic designs, and cross-tool compatibility will gain a decisive edge in the evolving cordless sanders market.”

*opines Nikhil Kaitwade,
Associate Vice President at
FMI*

For manufacturers, this market expansion underscores an urgent opportunity: adapt to the evolving needs of professionals and DIY users while overcoming industry-specific challenges such as battery limitations, ergonomics, and runtime performance.

Shaping Demand Through Innovation

Cordless sanders are increasingly favored for their flexibility, reduced setup time, and ability to deliver precise results in confined spaces. Between 2020 and 2025, the market grew steadily from USD 1.2 billion to USD 1.5

billion, demonstrating resilience even during disruptions such as the COVID-19 pandemic. Manufacturers rose to the occasion with solutions like variable speed controls, improved dust



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extraction, and energy-efficient brushless motors, supporting strong adoption in North America, Europe, and Japan.

The decade ahead offers manufacturers an environment rich with growth drivers. By 2030, the market is expected to reach USD 2.0 billion, driven by brushless motor adoption, compact designs, and battery innovations. Beyond 2030, manufacturers can unlock further opportunities through the integration of smart battery systems, ergonomic improvements, and expanded application across commercial vehicle body shops, woodworking SMEs, and specialty finishing contractors.

Segmentation as a Roadmap for Growth

Market segmentation reveals clear pathways for innovation and differentiation.

- **Product Focus:** Random orbital sanders, with their ability to deliver swirl-free finishes, are projected to lead with a 30% market share in 2025, expanding at 5.9% CAGR. This segment highlights demand for dust control, ergonomic design, and reduced operator fatigue.
- **Power Source Advantage:** Battery-powered sanders will dominate with 35% share, growing at 6.1% CAGR, propelled by lithium-ion platforms that ensure consistent torque and portability across job sites.
- **End-User Insights:** Woodworking and carpentry applications are projected to account for 27% share in 2025, supported by interior woodwork activities, furniture making, and growing DIY enthusiasm.

These segments demonstrate that cordless sanders are no longer niche tools—they are mainstream solutions reshaping workflows in residential, commercial, and industrial settings.

Regional Growth Highlights

China is expected to lead global growth, powered by domestic tool makers, e-commerce distribution, and a surge in DIY adoption among middle-income households. India's market is expanding through MSME adoption, infrastructure investments, and demand in semi-professional segments where consistent power supply remains a challenge.

In Europe, Germany continues to dominate with its robust carpentry and automotive refinishing industries, while the UK and France benefit from DIY culture and renovation programs. The USA maintains strong growth momentum, fueled by product innovations and retail promotions. Meanwhile, Japan and South Korea highlight unique demand profiles—Japan leaning heavily on battery-powered compact models and South Korea showcasing a balanced mix of consumer and professional use.

Competitive Landscape

The competition is intensifying, with players like TTI, DeWalt, Festool GmbH, Makita, and Koki Holdings Co. investing in feature-rich product launches. Recent innovations include Festool's LED-integrated cordless sanders and Ridgid's expansion of its 18V range. Companies are emphasizing portability, ergonomic comfort, and modular battery platforms to consolidate loyalty across professional and consumer bases.

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The Road Ahead for Manufacturers

Manufacturers entering or scaling in this market must recognize the long-term drivers: lithium-ion optimization, DIY culture, and modular compatibility across tool ecosystems. Success will depend on addressing core user concerns—runtime, precision, comfort, and cost—while aligning with broader industry shifts toward sustainability and digital integration.

Cordless sanders are no longer defined by limitations; instead, they represent the future of efficient, versatile, and high-performance sanding solutions. Manufacturers prepared to innovate now will be well-positioned to lead the next decade of growth.

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