

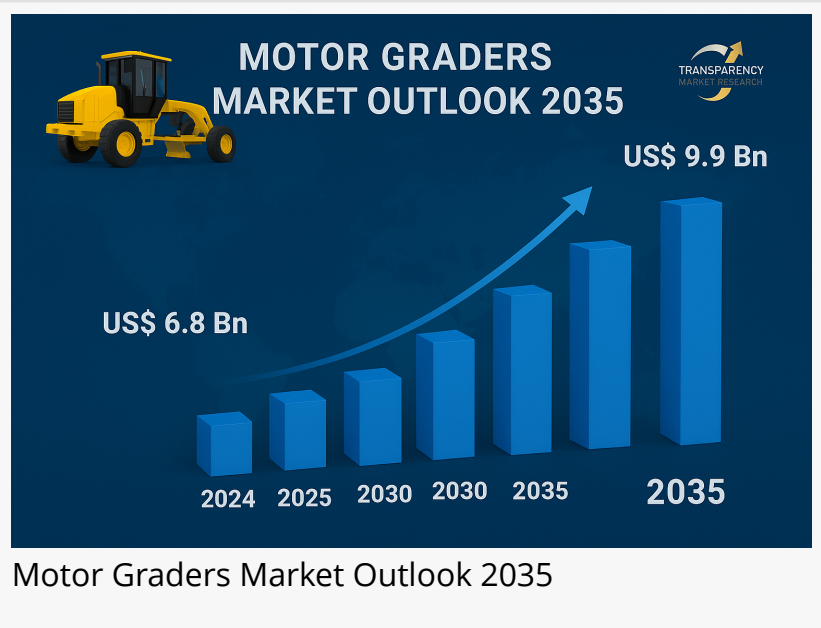
Motor Graders Market Size Forecast to US\$ 9.9 Billion by 2035 with a Focus on Infrastructure Development – TMR Analysis

Motor Graders Market Poised for Steady Growth, Projected at 3.36% CAGR to 2035 with Value of US\$ 9.9 Billion – Transparency Market Research

WILMINGTON, DE, UNITED STATES,
September 1, 2025 /EINPresswire.com/
-- [Motor Graders Market](#) Research
Report: Outlook 2035

The global motor graders market is set for steady expansion, driven by rising investments in road construction, mining, and infrastructure development projects. Valued at US\$

6.8 Bn in 2024, the market is anticipated to grow at a CAGR of 3.36% from 2025 to 2035, reaching US\$ 9.9 Bn by 2035. Demand for advanced, fuel-efficient, and automated graders is further expected to boost market growth.



Motor Graders Industry
Growth Outlook: 3.36%
CAGR to Push Market to US\$
9.9 Billion by 2035 "

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Industry Overview

Motor graders are essential construction and mining
equipment designed to create flat surfaces during grading

processes. These machines are widely used in road construction, maintenance, mining, commercial development, and infrastructure projects. Their importance is rising with the global emphasis on infrastructure modernization, efficient transportation systems, and sustainable construction practices.

In emerging economies, increasing investments in public infrastructure, smart highways, and urban expansion projects are creating new opportunities. Meanwhile, in developed regions such as North America and Europe, modernization of old road networks and adoption of advanced motor graders with automation and telematics are fueling demand.

Analysis of Key Players in the Motor Graders Market

The global motor graders market is dominated by established heavy equipment manufacturers with strong product portfolios and extensive global distribution networks. Caterpillar Inc. leads the market with its wide product line, strong brand equity, and global reach. Komatsu Ltd. and Deere & Company also hold substantial market shares, driven by their advanced technologies, energy-efficient machines, and integrated control systems.

Volvo Construction Equipment focuses on high-tech, eco-friendly solutions that appeal to sustainability-conscious customers, while CNH Industrial (CASE) offers cost-effective and versatile equipment suitable for multiple applications. Across the industry, companies are making significant investments in automation, R&D, and digitalization to improve customer experience, productivity, and overall operational efficiency.

Growth strategies in the sector often involve strategic acquisitions, collaborations, and global expansions. Meanwhile, regional players from India and China are strengthening their position by offering low-cost solutions and leveraging local market expertise. Key competitive factors include price, performance, after-sales support, and adaptability to local infrastructure needs, with increasing emphasis on smart and green construction equipment.

Prominent manufacturers in the motor graders market include

- AB Volvo
- Caterpillar Inc.
- CRRC Corporation Limited
- Deere & Company
- Doosan Corporation
- Hitachi Construction Machinery Co. Ltd.
- J. C. Bamford Excavators Ltd.
- Komatsu Ltd.
- Liebherr-International AG
- Mahindra & Mahindra Limited
- Sandvik AB
- Sany Heavy Industry Co., Ltd.
- SDF Group

These players have been analyzed in the motor graders market research report on the basis of company overview, financial performance, product portfolio, business strategies, operating segments, and recent developments.

Key Market Developments in the Motor Graders Market

- April 2025 – BEML Ltd. launched the indigenously designed and developed BG 1205 motor grader, specifically tailored for operations in regions such as SECL Bilaspur and Northern Coalfields Limited, Singrauli.
- May 2025 – Caterpillar Inc. introduced the next-generation Cat 140 Motor Grader, featuring a rearview mirror camera integrated into a 10-inch touchscreen display. The system provides operators with access to advanced functions, including Cat Grade, enhancing efficiency and safety.
- November 2024 – CASE Construction Equipment rolled out its new C Series motor graders, including models 836C, 836C (AWD), 856C, and 856C (AWD). These machines are equipped with All-Wheel-Drive (AWD) configurations and Selective Catalytic Reduction (SCR) engine technology, boosting fuel efficiency and ensuring compliance with Tier 4 Final standards.

Key Player Strategies

Leading companies in the motor graders market are adopting multi-dimensional strategies to strengthen their position:

- Product Innovation & Automation: Introduction of graders with GPS, LiDAR, and autonomous operation for precision grading.
- Sustainability Initiatives: Development of electric and hybrid graders to reduce emissions and align with global green construction mandates.
- Partnerships & Acquisitions: Collaborations with infrastructure firms and government bodies to secure large-scale contracts.
- Aftermarket Services: Focus on maintenance, leasing models, and digital platforms for spare parts to enhance recurring revenues.

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Key Growth Drivers

1. Infrastructure Development

- o Large-scale investments in roads, highways, and bridges, particularly in Asia-Pacific, are fueling demand for graders.

2. Smart Cities & Urban Expansion

- o Rapid urbanization and government-backed smart city projects require efficient land grading and leveling equipment.

3. Technological Advancements

- o Telematics, automation, and remote monitoring features are enhancing efficiency, accuracy,

and reducing operational costs.

4. Mining & Energy Sector Growth

- o Motor graders are essential in surface mining and oilfield construction, boosting their market adoption.

5. Sustainability Push

- o Governments' focus on eco-friendly and fuel-efficient equipment is encouraging manufacturers to innovate.

Market Restraints & Challenges

- High Initial Investment: The upfront cost of graders is significant, limiting adoption by small contractors.
- Operational Costs: High maintenance and fuel consumption increase total cost of ownership.
- Shortage of Skilled Operators: Lack of trained professionals to operate advanced graders impacts utilization rates.
- Market Saturation in Developed Regions: Growth is comparatively slower in North America and Western Europe due to equipment maturity.

Market Segmentation

By Product Type

- Rigid Frame Motor Graders
- Articulated Frame Motor Graders

By Capacity

- Small (80 – 150 HP)
- Medium (150 – 300 HP)
- Large (> 300 HP)

By Application

- Road Construction & Maintenance
- Mining Operations
- Commercial Construction
- Agriculture & Land Development

By End User

- Government & Public Sector
- Private Contractors
- Rental Companies

By Region

- North America: U.S., Canada
- Europe: Germany, France, U.K., Italy, Rest of Europe

- Asia Pacific: China, India, Japan, ASEAN, Rest of APAC
- Latin America: Brazil, Mexico
- Middle East & Africa: GCC, South Africa, Rest of MEA

Market Trends & Innovations

- Integration of AI & IoT: Smart graders with real-time performance monitoring for predictive maintenance.
- Hybrid & Electric Motor Graders: Shift toward low-emission equipment for sustainable infrastructure.
- Automation in Road Construction: Self-driving graders for precision and efficiency in mega projects.
- Leasing & Rental Boom: Rising preference for renting graders due to high ownership costs.
- 3D Grading Technology: Use of laser and satellite-guided systems to deliver unmatched accuracy.

Why Invest in This Report?

This research provides strategic insights and actionable data for decision-makers, manufacturers, investors, and suppliers:

- Comprehensive market size and forecast up to 2035
- Clear visibility on growth drivers, restraints, and opportunities
- Detailed segmentation to identify high-growth areas
- Insights into emerging technologies & trends shaping the future of graders
- Competitive analysis of leading players and their strategies

Key Benefits for Investors, Distributors, and Suppliers

- Investors: High returns expected due to strong demand from infrastructure and mining projects.
- Distributors: Expanding opportunities in rental and aftermarket services.
- Suppliers: Rising need for parts, attachments, and telematics solutions creates long-term business prospects.

Future Outlook

The global motor graders market is on a steady growth trajectory, supported by government-backed infrastructure initiatives, urban development, and mining expansion. By 2035, the industry will be worth nearly US\$ 10 Bn, driven by automation, electrification, and sustainability trends.

Asia-Pacific will remain the fastest-growing region, while North America and Europe will continue to lead in adoption of advanced, automated graders. Rental models, aftermarket services, and integration of smart technologies will define the next phase of market expansion.

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Important FAQs

Q1. What was the size of the global motor graders market in 2024?

The market was valued at US\$ 6.8 Bn in 2024.

Q2. What is the projected market size by 2035?

The market is expected to reach US\$ 9.9 Bn by 2035, growing at a CAGR of 3.36%.

Q3. Which industries drive motor grader demand?

Key industries include road construction, mining, commercial construction, and agriculture.

Q4. What are the main restraints in this market?

High equipment costs, maintenance expenses, and shortage of skilled operators.

Q5. Which region offers the most growth opportunities?

Asia-Pacific due to rapid infrastructure development and urbanization.

Q6. Who are the leading players?

Caterpillar, Komatsu, Deere & Company, CNH Industrial, XCMG, SANY, and LiuGong.

Q7. What trends will shape the future of this market?

Automation, electrification, 3D grading technology, and equipment rental services.

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Contact Us

Transparency Market Research Inc.
CORPORATE HEADQUARTER DOWNTOWN,
1000 N. West Street,

Suite 1200, Wilmington, Delaware 19801 USA

Tel: +1-518-618-1030

USA - Canada Toll Free: 866-552-3453

Atil Chaudhari

Transparency Market Research Inc.

+ +1 518-618-1030

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