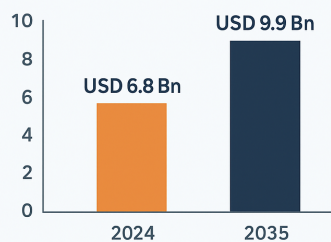


# Motor Graders Market Outlook 2035 From USD 6.8 Bn in 2024 to USD 9.9 Bn by 2035 | TMR Report

*motor graders used on these projects for fine grading, laying drainage, and surface finishing.*

WILMINGTON, DE, UNITED STATES, August 26, 2025 /EINPresswire.com/ -- The global [motor graders market](#), valued at USD 6.8 billion in 2024, is projected to reach USD 9.9 billion by 2035, expanding at a CAGR of 3.36% from 2025 to 2035. Growth is driven by rising infrastructure development, road construction projects, and increasing demand for advanced grading equipment to enhance efficiency and productivity in construction and mining operations.

## Motor Graders Market Outlook 2035



The global Motor Graders industry was valued at USD 6.8 Bn in 2024 and reach USD 9.9 Bn by the end of 2035

is estimated to grow at a CAGR of 3.36% from 2025 to 2035

Motor Graders Market



Rising Infrastructure Projects Drive Motor Graders Market Expansion to USD 9.9 Bn by 2035"

*Transparency Market Research Inc.*

Motor graders market is evolving continuously, thanks to infrastructure development, rapid urbanization, and road construction projects in both - developed and developing economies. As governments develop road connectivity, smart cities, and public infrastructure through investments, the demand for motor graders increases.

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Rigid frame graders remain the largest market segment

due to affordability and reliability, particularly in the developing nations. However, articulated frame graders are gaining traction due to their agility and ability to conform to challenging terrains.

Motor graders are extensively used in road construction, road maintenance, land leveling, mining, and infrastructure building. An Indian motor grading company is essential to acquire accurate grading for asphalt laying, drainage systems, and finishing of slopes.

Overview of Motor Grading Company

The motor grading company provides a range of services, including road construction, road maintenance, land leveling, and infrastructure building.

Key Features:

**Rigid Frame:** These graders have a fixed frame, offering stability and power for large-scale, straightforward grading tasks.

**Articulated Frame:** This segment is the dominant and fastest-growing, favored for its superior maneuverability and flexibility, which is crucial for working in confined spaces and challenging terrains.

Key Applications:

**Small Motor Graders:** Used for light-duty work and smaller projects, offering a cost-effective solution.

**Medium Motor Graders:** This is the largest segment by revenue, as these machines provide an optimal balance of power, agility, and cost-efficiency, making them suitable for a wide range of applications from road construction to general site leveling.

**Large Motor Graders:** Designed for heavy-duty tasks in large-scale projects like mining and major highway construction.

Key Technologies:

**Internal Combustion Engine (ICE):** This segment holds the overwhelming majority of the market share, driven by the high torque and energy density of diesel engines.

**Electric/Hybrid:** Although still in a nascent stage, this segment is expected to witness significant growth as the industry shifts towards cleaner and more sustainable solutions.

Key Applications:

**Construction & Infrastructure:** This is the largest application segment, encompassing the construction of roads, highways, airports, bridges, and smart cities.

**Mining:** Motor graders are crucial for maintaining haul roads and preparing mining sites to

ensure efficient and safe operations.

Others: Includes applications in forestry, agriculture, and snow removal.

Regional Market Outlook

The motor grader market is segmented into several key regions, each with unique growth drivers and challenges. The following sections provide a detailed overview of the regional market outlook:

**Asia-Pacific:** This region is the largest market for motor graders and is expected to maintain its dominance. Rapid urbanization, massive infrastructure projects (such as India's Bharatmala Project and China's Belt and Road Initiative), and increasing government spending on public works are the key drivers.

**North America:** The region holds a significant market share due to an advanced construction industry and a strong focus on public infrastructure and maintenance projects, including snow removal.

**Europe:** The market in Europe is driven by a focus on sustainable and efficient technologies, and ongoing infrastructure upgrades.

**Latin America and Middle East & Africa (LAMEA):** These regions are seeing increased demand driven by growing mining activities and infrastructure development projects.

Key Market Drivers

Infrastructure Development:

**Growing Infrastructure Development:** Global investments in road networks, urban development, and transportation systems are the primary catalysts for market growth.

**Technological Advancements:** The integration of GPS-guided blade control, telematics, and automation features is enhancing precision, efficiency, and safety, making modern graders more appealing to contractors.

**Rising Mining Activities:** The mining sector is a key end-user, with a continuous need for graders to maintain haul roads and prepare sites.

**Shift Towards Equipment Rental:** The high capital cost of new equipment is leading many small and medium-sized contractors to opt for rental and leasing models, which in turn fuels the market for rental fleet expansion.

Market Challenges:

**High Initial Investment:** The cost of purchasing new motor graders, especially those with advanced technology, can be prohibitive for smaller companies.

**Lack of Skilled Operators:** The operation of sophisticated motor graders requires skilled and qualified personnel, and a shortage of such workers can hinder market growth.

**Environmental Regulations:** The reliance on diesel engines raises concerns about carbon emissions, which may be a restraint on the market as governments push for stricter environmental standards.

Opportunities

Automation and Smart Technologies are expected to drive market growth:

**Automation and Smart Technologies:** The adoption of technologies like GPS, IoT-enabled telematics for real-time data tracking, and predictive maintenance is becoming more widespread to enhance operational efficiency and reduce downtime.

**Sustainability and Green Equipment:** There is a growing focus on developing fuel-efficient, low-emission, and eventually, electric and hybrid motor graders in response to global environmental concerns.

**Increased Focus on Safety and Operator Comfort:** Manufacturers are incorporating advanced safety features and designing more ergonomic and comfortable operator cabs to reduce fatigue and improve productivity.

**Rental and Leasing Models:** The trend of renting and leasing equipment is gaining momentum, particularly in developing economies, as it helps companies manage capital expenditure and access modern machinery without a large upfront investment.

Market Outlook

The outlook for the motor graders market is positive, with sustained growth expected over the next decade. The market will be shaped by a continued surge in infrastructure and urbanization projects, particularly in the Asia-Pacific. The industry will likely see a significant push towards hybrid and electric models as technological feasibility and environmental regulations align. Automation will become a standard feature, making machines smarter, safer, and more efficient.

Market Size and Growth

The market is valued at USD 6.8 billion in 2024 and is projected to reach USD 9.9 billion by 2035.

A CAGR of 3.36% is expected for the 2025-2035 forecast period.

Asia-Pacific is the leading market due to extensive infrastructure development.

Articulated frame and medium-capacity graders are the dominant segments.

Technological integration and the shift to rental models are key trends.

More reports on the motor graders market are available:

[https://www.transparencymarketresearch.com/checkout.php?rep\\_id=86705&ltype=S](https://www.transparencymarketresearch.com/checkout.php?rep_id=86705&ltype=S)

Motor graders market in Asia-Pacific

The motor graders market is highly competitive, with a few major global players dominating the landscape. These companies are focused on R&D to introduce technologically advanced and eco-friendly models. They are also engaging in strategic partnerships and expanding their distribution networks to strengthen their market presence.

Key players in the motor graders market include:

Caterpillar Inc.

Komatsu Ltd.

John Deere (Deere & Company)

Volvo Construction Equipment

SANY Group

XCMG Group

Liugong Machinery Co., Ltd.

Doosan Infracore Co., Ltd.

Motor graders market in South America

In April 2025, BEML Ltd. announced the launch of indigenously designed and developed motor grader- BG 1205. The equipment is specifically designed for operation in the regions such as SECL Bilaspur, and Northern Indian Coalfields Limited, Singrauli.

In May 2025, Caterpillar announced launch of next generation Cat 140 Motor Grader. The machine is equipped with rearview mirror camera integrated into 10-inch touchscreen allowing operator access to additional functions such as Cat Grade.

In November 2024, CASE Construction Equipment announced the launch of new C series motor graders. The 836C, 836C (AWD), 856C and 856C (AWD) machine features All-Wheel-Drive (AWD) configurations, with Selective Catalytic Reduction (SCR) engine technology that boosts fuel efficiency to achieve tier 4 final compliance.

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