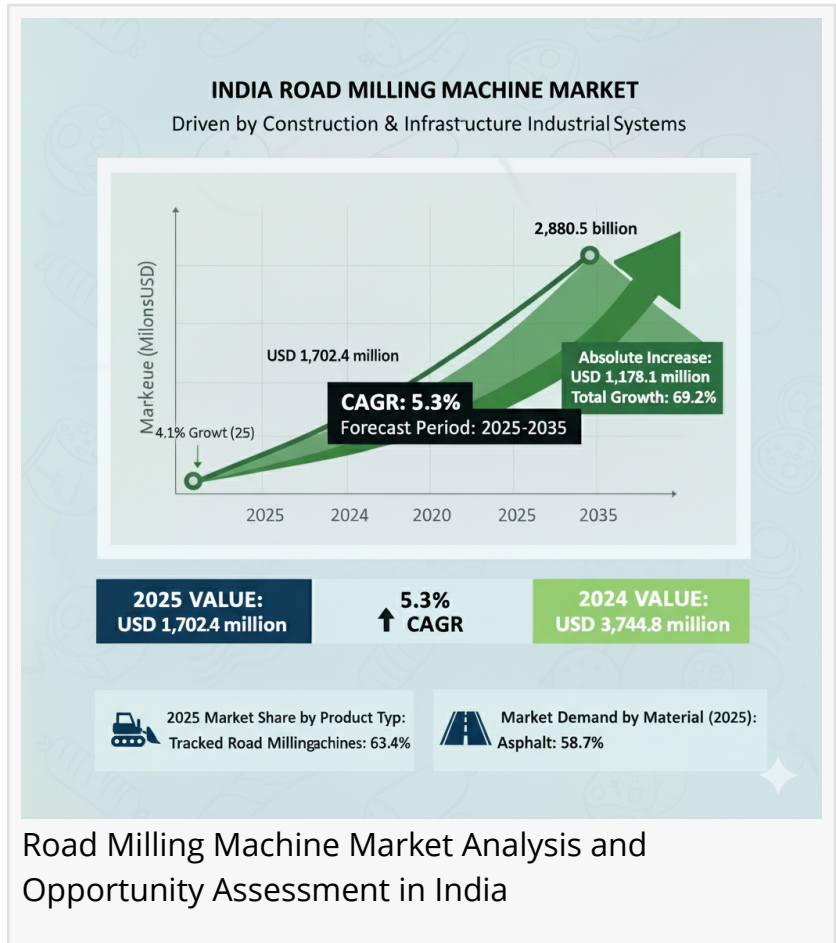


Road Milling Machine Market in India to Reach USD 2.88 Billion by 2035 — Surge Fueled by Tracked Models

Road Milling Machine Market Analysis and Opportunity Assessment in India Size and Share Forecast Outlook 2025 to 2035

MD, UNITED STATES, November 12, 2025 /EINPresswire.com/ --

The [Indian road milling machine market](#) is accelerating toward robust expansion through 2035, driven by massive highway upgrades, urban redevelopment, and government-backed connectivity projects. According to Future Market Insights (FMI), the market is valued at USD 1.70 billion in 2025 and is projected to hit USD 2.88 billion by 2035, advancing at a compound annual growth rate (CAGR) of 5.3%.



The FMI report, “Road Milling Machine Market Analysis and Opportunity Assessment in India,” forecasts an absolute revenue increase of USD 1.18 billion over the decade, propelled by demand for precision milling in asphalt recycling, large-scale resurfacing, and sustainable road maintenance.

A Decade of Growth Anchored by Tracked Dominance and Semi-Autonomous Tech:

The shift to high-traction tracked platforms and GPS-guided semi-autonomous systems is redefining efficiency on India’s challenging terrains. From 2025 to 2030, the market will add approximately USD 540 million, led by national highway modernization and municipal repair programs.

Between 2030 and 2035, FMI projects an additional USD 640 million in growth, reflecting deeper integration of telematics, real-time depth control, and eco-friendly asphalt reclamation processes.

“Tracked machines deliver unmatched stability for mega-projects, while semi-autonomous features cut operator fatigue and fuel waste,” said an FMI research analyst. “As India targets 60 lakh km of roads, advanced milling tech is becoming mission-critical for speed and safety.”

Road Milling Machine Key Market Insights at a Glance:

Metric- India Estimate

Market Value (2025)- USD 1,702.4 million

Forecast Value (2035)- USD 2,880.5 million

CAGR- 5.3%

Top Product- Tracked Road Milling Machines (63.4% share)

Dominant Material- Asphalt (58.7% share)

Leading Technology- Semi-Autonomous (41.6% share)

West India: The Nation's Milling Powerhouse:

FMI's regional analysis crowns West India as the dominant hub, with Maharashtra, Gujarat, and Rajasthan collectively holding 41.4% of India's road network. The region's market is projected to reach USD 64.2 million by 2035, driven by port expansions, smart-city corridors, and NHAI-funded expressways.

North India follows closely at USD 47.0 million by 2035 (7.2% CAGR), fueled by Delhi-NCR bypasses and Uttar Pradesh highway upgrades. East India emerges as the fastest-growing zone at 7.7% CAGR, reaching USD 34.5 million, powered by Bihar's rural connectivity push and West Bengal's industrial corridors.

Road Milling Machine Five Forces Driving Market Expansion:

Tracked Traction Advantage: Rubber/steel tracks ensure precision on uneven highways, capturing 63.4% revenue share.

Asphalt Recycling Surge: Milling enables RAP reuse, slashing costs and emissions in 58.7% of projects.

Semi-Autonomous Precision: GPS and sensor suites reduce errors by up to 30%, dominating 41.6% of tech spend.

Infrastructure Mega-Spending: India's 59.64 lakh km network demands constant rehabilitation under NHDP and Bharatmala.

Government & Private Contracts: Declining machine prices and telematics integration accelerate fleet modernization.

Road Milling Machine Market Segment Overview:

By Product Type: Tracked models lead with 63.4% share in 2025, expanding at 5.7% CAGR globally within the category.

By Material Type: Asphalt commands 58.7% share, growing at 4.2% CAGR through 2035 on recycling mandates.

By Technology: Semi-autonomous systems hold 41.6% share, balancing cost and automation for mid-to-large contractors.

By End Use: Road construction absorbs the lion's share, projected to reach USD 1,870.5 million globally by 2035 at 5.1% CAGR.

Road Milling Machine Market Regional Overview:

West India: USD 64.2 million by 2035; 41.4% national road share.

North India: USD 47.0 million by 2035 (7.2% CAGR); highway reconstruction focus.

East India: USD 34.5 million by 2035 (7.7% CAGR); rural and industrial corridors.

South India: USD 45.4 million by 2035; urban resurfacing in Tamil Nadu and Karnataka.

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Road Milling Machine Market Competitive Landscape:

* Caterpillar Inc.

* Wirtgen Group

- * BOMAG GmbH (FAYAT Group)
- * Volvo Construction Equipment
- * Sany Heavy Industry Co. Ltd.
- * Xuzhou Construction Machinery Group Co. Ltd
- * Astec Industries Inc. (Roadtec)
- * Sakai Heavy Industries Ltd
- * Guangxi Liugong Machinery Co. Ltd
- * Shantui Construction Machinery Co. Ltd
- * CMI Roadbuilding Limited

Top players hold 45–50% share, investing heavily in compact designs, variable cutting systems, and lower ownership costs. Recent launches include Wirtgen's W 150 F(i) for tight urban spaces (Sep 2025) and Roadtec's RX-405e/505e with 321 kW engines (Jun 2024).

Road Milling Machine Market Outlook: Paving India's Sustainable Future

Over the next decade, India's road milling sector will evolve into a data-driven, low-carbon ecosystem. AI depth optimization, predictive wear analytics, and fully electric prototypes will slash downtime and emissions.

"Road milling is transitioning from brute removal to intelligent surface regeneration," the FMI analyst concluded. "Manufacturers mastering automation, recycling, and regional service networks will lead India's journey to world-class highways."

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