

India Mobile Crusher and Screener Market Assessment, By Type [Mobile Crusher, Mobile Screener], End-user Industry [Construction, Mining, Recycling, Others], By Mobility Type [Tire Mobile Crushers, Crawler Mobile Crushers], By Region, Opportunities and Forecast, FY2018-FY2032F

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Report description:

India mobile crusher and screener market is projected to witness a CAGR of 5.30% during the forecast period FY2025-FY2032, growing from USD 235.48 million in FY2024 to USD 355.94 million in FY2032. Waste recycling and sustainable construction in India are driving the demand for mobile crushers in the region. Rising economic activity and accelerating pace of construction, rapid infrastructure projects such as roads, bridges, and residential buildings drive the demand for material processing equipment. The mobile crusher and screener market in India is poised for substantial growth, supported by rising infrastructure projects, urbanization, and increased mining activities. Initiatives such as the Smart Cities Mission and the National Infrastructure Pipeline (NIP) are driving infrastructure development, creating a strong demand for mobility equipment. Technological advancements, regulatory frameworks, and market trends will play a key role in shaping the industry. Companies expand their operation in the region. For instance, in September 2023, Metso S.p.A. expanded its crushing and screening manufacturing capacity in India. METSO expanded the production capacity of crushing and screening equipment attached to ALWAR's mobile trucks in India by opening a new manufacturing facility.

Higher C&D Waste Management and Recycling Projects Fuels Market Growth

Increased demand for construction and demolition waste management along with the booming recycling sector is likely to fuel the demand for advanced mobile crushers and screeners. India's rapid urbanization has increased building and demolition activity. The demand for mobile crushers and screeners that can handle a variety of materials is increased by the need for efficient processing of the substantial amount of construction and demolition debris created. With the use of innovative technology, modern mobile crushers and screeners improve efficiency, productivity, and environmental sustainability. Technological advancements in the mining and recycling industries fuel their popularity. Concrete, brick, and other building material processing

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and recycling equipment is required in response to government laws and waste management initiatives. International mobile crushing and screening giants help the Indian recycling firms to increase efficiency and productivity.

For instance, in February 2024, Modern technology from MB Crusher S.p.A. changed the coal recycling scene for Gadawara power station (BLA) Power subsidiary Prakritik Logistics Private Limited. Prakritik Logistics looked to MB Crusher for a mobile crushing solution that would fulfill their strict size requirements and get around the drawbacks of static crushing facilities as they were short on space and had to deal with the difficulty of processing coal with unwanted lumps.

Expansion of Mining and Construction Activities Catalyze Market Expansion

With the expansion of mining, there is a great need for equipment which can effectively deal with large volumes of ore and waste. Mobile crushers and visualization are crucial to reduce the size of the materials, facilitate transport, and optimize the extraction process. With the growth of construction projects such as roads, bridges, buildings, and infrastructure, there is a corresponding increase in the demand for processed materials. This drives the need for efficient crushing and screening equipment to handle and prepare these materials. The expansion of infrastructure projects such as highways, airports and urban development generates significant amounts of construction waste and requires significant amounts of recycled materials. This increases the demand for mobile crushers and screening machines to handle and prepare these materials. Government projects in the remote areas are fueling the demand for mobile crushers and screeners.

For instance, in August 2024, Terex Corporation's Powerscreen announced the successful installation and operation of equipment in Ladakh, India. Powerscreen's PT400X Jaw Crusher, 1000 Maxtrak Cone Crusher, and Chieftain 1700 Screen were deployed to work on a Border Roads Organisation (BRO) project near Demchok, close to the India border, at Umling La, Leh Ladakh.

Construction Segment Dominates the Market Share

Based on end-user, the construction segment holds the major portion of the market and is likely to lead during the forecast period. Rapid infrastructure development, higher number of projects, and sustainable construction activities are expected to keep the segment at top. However, the recycling segment is thriving at a significant growth rate due to government's focus on reducing the emission and carbon footprints. Mobile crushers and screeners are used to crush concrete, bricks, and asphalt, turning waste into reusable materials for new construction projects. This reduces disposal costs and supports sustainability in construction practices. In demolition and renovation activities, mobile crushers and screeners are essential for processing debris into reusable materials. This is particularly valuable for large-scale demolitions and site clearances. Local companies tend to follow the trend and launch crushers and screeners that align with heavy construction crushing and shredding requirements.

For instance, in December 2023, making its fifth participation at EXCON, Hailstone Innovations Pvt. Ltd. launched its jaw crusher JC 145. The equipment holds high crushing efficiency, making it suitable for heavy-duty construction. The crusher boasts higher durability and adjustable CSS.

Future Market Scenario (FY2025 - FY2032F)

- Growing emphasis on reducing carbon footprints and environmental impact is anticipated to adopt electric and hybrid mobile crushers and screeners.
- Electric machines is expected to benefit from lower operating costs, reduced noise, and fewer emissions, which align with regulatory requirements and sustainability goals.
- New companies entering the Indian market with focus on construction and recycling sector is projected to garner market growth.

Key Players Landscape and Outlook

Key players are integrating advanced features such as automation, GPS tracking, and remote diagnostics into their mobile crushers and screeners to enhance performance and operational efficiency. Focus on developing equipment that meets environmental regulations, including reduced emissions and improved fuel efficiency. Companies are expanding their product range to offer a variety of mobile crushers and screeners that cater to different applications, including construction, mining, and recycling. Providing customized solutions to meet specific needs of the Indian market, such as adapting equipment for local material types and project requirements. Companies are investing in advanced technologies, such as automation, remote monitoring, and fuel-efficient systems, to stay competitive. Furthermore, companies are adopting sustainable methods to enhance the overall manufacturing.

For instance, in April 2024, Schwing Stetter India (Schwing Group) has implemented a 1 MW solar power system at their global manufacturing hub in Cheyyar, India. This initiative aims to achieve carbon neutrality for the facility, as the solar system can

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produce 1.4 million kWh of electricity, covering 20% of the facility's annual energy requirements.

In December 2023, At EXCON, South Asia's largest construction equipment exhibition, SANY India, unveiled a range of machines including 15 new models featuring advanced electric technology. These innovative electric machines cater to a variety of applications, such as earthwork, excavation, heavy lifting, deep foundation work, mining, road construction, and port operations.

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*Companies mentioned above DO NOT hold any order as per market share and can be changed as per information available during research work.

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