

China 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, 2017-2031F

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Report description:

China mobile crusher and screener market is projected to witness a CAGR of 4.90% during the forecast period 2024-2031, growing from USD 498.64 million in 2023 to USD 731.12 million in 2031. China is one of the leading markets with construction and mining activities. Increased use of automation and Internet of Things (IoT) technology for real-time monitoring, predictive maintenance, and enhanced operational efficiency, growing interest in electric and hybrid mobile crushers and screeners to reduce carbon emissions and operational costs, and rising emphasis on recycling and reusing construction, and demolition waste is anticipated to drive the demand for mobile crushers and screeners that are capable of processing various types of recyclable materials.

Development of crushers and screeners with higher processing capacities and better fuel efficiency to meet the increasing demands of large-scale construction projects and improved screening technologies that offer better separation accuracy and efficiency, along with stricter environmental regulations and standards will encourage the adoption of equipment that minimizes dust, noise, and other pollutants. Companies tend to participate in major summits and fairs.

For instance, in April 2024, SBM (Shibang Industry & Technology Group Co., Ltd.) attended the 135th Canton Fair. The company showcased its crushing, grinding, and sand making solutions. SBM's booth attracted a lot of interest from both local and foreign visitors at this expo, leading to a lot of in-depth conversations with both long-standing partners and future clients.

Rising Construction and Mining Activities to Fuel Regional Market Growth

Both construction and mining sectors require large quantities of crushed and screened materials such as sand, gravel, and aggregates. Mobile crushers and screeners are essential for producing these materials efficiently and cost-effectively, driving demand for these machines. China's rapid urbanization and infrastructure development, such as road construction, building projects, and infrastructure projects propel the demand for mobile crushing and screening equipment. As new projects are

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initiated, the demand for equipment that can handle large volumes of material on-site grows. With China's continued focus on mineral extraction and the expansion of mining operations, there is an increased need for mobile crushers and screeners to process ore and other materials. These machines provide the flexibility and mobility required for mining operations, especially in remote or changing locations. Some of these projects hold major significance as they involve nuclear ore mining and are heavily funded through government channels.

For instance, in July 2024, China launched largest natural uranium mining project. Natural uranium production project started functioning in Ordos, North China's Inner Mongolia, which is China's largest autonomous region so far. The project is likely to integrate automation, remote centralized control, and big data analysis.

Rapid Urbanization and Focus on Environment is Likely to Fuel Market Growth

The demand for sophisticated, effective, and eco-friendly machines has pushed the mobile crusher and screener market in China due to the country's rapid urbanization and emphasis on environmental sustainability. Technological advancements that meet regulatory standards and tackle the issues raised by fast-paced urban development are transforming the market. Construction of homes, businesses, and infrastructure projects is booming as a result of urbanization. Due to the increased demand for aggregate materials, mobile crushers and screeners are required to effectively treat waste from building and demolition. To reduce pollution and manage garbage, the Chinese government has put strict environmental restrictions into place. These laws frequently require the building and waste management industries to adopt greener practices and technologies. Companies focus on reshaping their product line and offerings keeping the environmental benefits in mind.

For instance, in August 2024, Huzhou, Zhejiang, hosted the 11th National Sand and Gravel Aggregate Industry Science and Technology Conference with New Situation, New Challenge, New Thinking, New Pattern as the central theme. The conference held activities such as the 17th Executive Director (Expanded) Meeting of China Sand and Gravel Association. Shanghai SANME Environmental Protection Equipment Co., Ltd., is the co-organizer of the conference.

Mining Industry and Innovative Crushers to Fuel Mobile Crusher Segment's Growth

Mobile crusher dominates China's market owing to their versatility, efficiency, compliance with environmental regulations, and the growing need for adaptable and cost-effective solutions in a rapidly urbanizing and dynamic construction landscape. Mobile crushers can be moved easily to different locations, allowing for on-site processing of materials. This is especially beneficial in China's rapidly urbanizing areas where construction sites are often in constant flux and need equipment that can adapt quickly. It's imperative to efficiently process and recycle such wastes as the urbanization process produces more construction and demolition wastes. Mobile crushers are designed for the perfect handling of materials derived from such processes, which enables concrete, asphalt, and other demolition wastes to be recycled into various re-usable aggregates. Furthermore, new product launches fuel segmental growth.

For instance, in June 2024, MESDA Group exhibited its efficient and convenient S8H mobile scalper in Hall 10, Booth N15. 8th China-Eurasia Expo with the theme New Opportunities on the Silk Road, New Vitality in Asia and Europe was held at Xinjiang International Convention and Exhibition Center.

Future Market Scenario (2024 - 2031F)

- Higher construction and mining activities are anticipated to fuel market growth through the deployment of major crushing and screening equipment for projects.

- New technologies, focus on sustainability, and higher precision is likely to shape the market future.

- Government projects, higher economic activities, and brand awareness programs are projected to garner market expansion.

Key Players Landscape and Outlook

Leading competitors are investing in research and development of technologically advanced products. This includes improving efficiency, reducing emissions, enhancing automation, and integrating smart technologies. Offering a wide range of models to handle different materials and applications help in meeting the diverse needs of market. Customization options for specific project requirements are at competitive advantage. Companies focus on designing equipment that reduces operational costs, such as fuel consumption and maintenance. This is a significant selling point for customers seeking to maximize return on investment. Larger manufacturers leverage economies of scale to offer competitive pricing while maintaining high product quality. The companies collaborate to expand China's presence around the globe.

For instance, in June 2022, Sany Heavy Industry Co., Ltd. and Putzmeister Concrete Machines Pvt. Ltd. completed their 10 years

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together. With its R&D, manufacturing and sales network expanding to cover Europe, America and Asia-Pacific, the former German family company possesses a broader China presence in 154 countries and regions.

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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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