

Stone Crushing Equipment Market to Hit USD 12.40 Billion by 2032, Growing at 8.01% CAGR | SNS Insider

Stone Crushing Equipment Market Grows with Infrastructure Boom, Technological Advancements, and Rising Demand for Sustainable Aggregate Processing.

AUSTIN, TX, UNITED STATES, February 4, 2025 /EINPresswire.com/ -- The Stone Crushing Equipment Market size was valued at USD 6.20 Billion in 2023 and is expected to grow to USD 12.40 Billion by 2032, achieving a robust CAGR of 8.01% from 2024 to 2032.



Advancements and expansion in the Stone Crushing Equipment Market are being fueled by the need for infrastructure development.

The stone-crushing equipment market is also one of the most important markets for the construction, mining, and metallurgy industries, as they need such machinery for breaking down large rocks to desired sizes. It is an essential process for where the materials needed for the development of infrastructure such as roads, buildings and bridges are produced. The market covers a wide variety of types of equipment such as jaw crushers, cone crushers, and impact crushers that are designed for different applications and materials.

Technological innovations have greatly changed the market, as it is now driven by strong demand to improve efficiency, durability, and sustainability. A big leap in this regard has come from portable crushers as they can help process on-site. This means no more transportation of raw materials, leading to reduced cost and time whilst increasing operational efficiency. Furthermore, the industry places greater importance on environmental sustainability, focusing on lower emissions and energy use with growing global environmental standards. The report features in-depth analysis of the trends in the stone-crushing equipment market and how they change as urbanization and construction projects around the globe grow around forces driving the need for stone-crushing equipment.

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Key Players:

- BUCY International (Stone Crushers, Grinders, Screening Equipment)
- Sandvik AB (Jaw Crushers, Cone Crushers, Impact Crushers, Mobile Crushers)
- Metso Oyj (HP Series Cone Crushers, Nordberg Jaw Crushers, Mobile Crushers)
- Terex Corporation (Cone Crushers, Jaw Crushers, Impact Crushers, Mobile Crushers)
- CNH Global N.V. (Tractors, Backhoe Loaders, Stone Crushers for Agricultural Use)
- Komatsu Ltd. (Mobile Crushers, Jaw Crushers, Impact Crushers, Hydraulic Excavators)
- Caterpillar Inc. (Track-Type Tractors, Crushers, Excavators)
- Joy Global Inc. (Crushing Equipment, Crushers, Conveyors)
- Kleemann GmbH (Mobile Crushers, Jaw Crushers, Impact Crushers, Screening Plants)
- Hitachi Construction Machinery Co., Ltd. (Excavators, Crushers, Screeners)
- McCloskey International (Mobile Crushers, Screening Equipment, Conveyors)
- Atlas Copco (Jaw Crushers, Cone Crushers, Mobile Crushers)
- Eagle Crusher Company, Inc. (Jaw Crushers, Impact Crushers, Cone Crushers)
- Terex Finlay (Mobile Crushers, Screening Equipment, Vibrating Feeders)
- Powerscreen (Mobile Crushers, Screening Equipment, Impact Crushers)
- Shanghai Shibang Machinery Co., Ltd. (Jaw Crushers, Cone Crushers, Grinding Mills)
- L&T Construction & Mining Machinery (Crushing Equipment, Mobile Crushers)
- Astec Industries, Inc. (Jaw Crushers, Cone Crushers, Impact Crushers)
- SANY Group (Excavators, Stone Crushers, Mobile Crushers)
- Zhengzhou Yifan Machinery Co., Ltd. (Stone Crushers, Sand Making Machines, Mobile Crushers)

Increasing Demand for Construction Aggregates Fuels Growth in the Stone Crushing Equipment Market

The increasing construction aggregate demand is one of the crucial factors accelerating stone for stone-crushing equipment growth. Crushed Stone and Aggregates These form the core materials for constructing infrastructure which includes roads, bridges, residential complexes, etc. With the expansion of urbanization and large-scale infrastructure projects around the world, especially the developing regions such as Asia-Pacific, the market for good quality construction aggregates is appearing to be larger than ever. The higher scale of requirement has increased the utilization of developed stone crushing equipment, ensuring the maximum possible production of aggregates in large structures. This trend is being accelerated by growth in industrialization in many developing economies where there is in increasing need for stronger infrastructure due to growing populations and economies.

Jaw Crushers and Mining Segment are Leading the Market; Key Factors for Stone Crushing Equipment Market in 2023

By Type

- Jaw Crusher
- Cone Crusher
- Impact Crusher
- Others

The Jaw Crusher segment accounted for over 38% of the market share in 2023. This is especially true in the primary crushing of jaw crushers, which is an important step in the process of breaking rock in the mining, construction, and quarrying industries. They can process larger, tougher materials and are well-suited for high-volume processes. Built in a rugged and resilient design, ensures consistent performance in extreme & rugged site conditions. Jaw crushers are relatively inexpensive compared to other types of crushing solutions, making them a great choice for industries that want to maximize efficiency while also maximizing costs.

By End Users

- Mining
- Quarrying
- Recycling
- Construction & Infrastructure
- Others (Railways, Agricultural)

The Mining segment dominated with a market share of greater than 42%. The role of stone-crushing equipment is a very important one in the mining industry as they break down ores and boulders of stone to extract gold or coal iron ores and more. As the world market is shifting its gears towards new opportunities in the demand for raw materials, mining, and metallurgical industries are taking advantage of more technologically sophisticated and avant-garde crushing processes.

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Asia-Pacific is the largest stone-crushing equipment market followed Middle East and Africa as the fastest-growing region.

In 2023, the Asia-Pacific region accounted for more than 36% of the stone-crushing equipment market. This leadership is mostly because of quick industrialization and urbanization in major nations like China and India. These countries are experiencing robust growth in their construction and infrastructure sectors, which is propelling the demand for key materials like crushed stone. In addition, the region enjoys a large supply of natural resources, coupled with a low-cost labor force, making it a desirable location for manufacturers and investors alike.

- In November 2024: Caterpillar Inc. announced the successful demonstration of its fully autonomous Cat 777 off-highway truck at Luck Stone's Bull Run plant in Chantilly, Virginia. This marks Caterpillar's first deployment of autonomous technology in the aggregates industry, aiming to enhance safety and productivity in quarry operations.

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