

Global Sand Blasting Machine Market - Forecasts from 2020 to 2025

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Abstracts

The global sand blasting machine market is estimated to reach US\$574.749 million by 2025, with a projected CAGR of 2.80% from a market size of US\$487.024 million in 2019. Sandblasting machines are used to roughen smooth surfaces or to smooth rough surfaces depending on the application these machines are used for. Advanced sand blasting machines are witnessing an increase in demand for applications which involve giving texture to a surface and removing contaminants from them. Stringent regulations across major regions regarding compliance to industry standards which govern the permissible level of contaminants on various surfaces has been one of the major factors driving the adoption of these solutions among end users across industries. Since non-compliance to such regulations can lead to heavy penalties and loss of productivity, players across major industries like automotive, manufacturing and construction among others are showing an impressive rate of adoption of these solutions. In metallurgy industry, these machines are expected to witness a surge in demand on account of their increasing use for cleaning and abrasion of surfaces typically, metals, to get rid of any unwanted materials such paint, rust or others.

Growing construction activities in different regions are one of the major drivers for the global sand blasting machine market. These machines are extensively used in construction as well as repair activities of buildings (both commercial and residential) and architectural statues for applications like surface cleaning and finishing. Rising automotive production across regions is also supporting the growth of the market since production of vehicles involves ensuring perfectly smooth surfaces in order to give desired aesthetic appeal and efficiency to the vehicle. Many automakers are investing heavily into automation in order to reduce their production costs associated with wages and scale their production which, otherwise, is limited by limited output churned out by workforce. As these investments continue to stream into automation, the demand for

advanced abrasion solutions is increasing among them. Rising investments in robotic sand blasting technology by major market players provide a great potential for the growth of the global sand blasting machine market during the next five years.

By Type

By type, the global sand blasting machine market is segmented as suction blasting machine, pressure blasting machine, and wet blasting. Suction blasting machine holds significant market share as it provides the simplest and most effective way to remove corrosion and old paint, leaving the surface cleaned.

By Application

By application, the market has been segmented as aviation, automotive, construction, oil and gas, and others. Construction holds the significant market share in account of rising construction of both residential and commercial buildings. Rising demand across architectural statues also drives the growth of the sand blasting machine market across this sector. Aviation will also witness a significant CAGR during the forecast period owing to the rising demand for these machines to apply advanced coatings to several aircraft engine components. Automotive sector also holds a significant share in this market. Since the production of vehicles is regaining momentum in regions which witnessed a slump in 2018, the automakers are continuously funnelling investments into advanced solutions which ensure productivity perfectly aligned with industry standards. As this continues, we expect this market to continue witnessing a solid growth over the projected period.

By Geography

Geographically, the global sand blasting machine market is segmented into North America, South America, Europe, Middle East and Africa, and Asia Pacific. APAC accounts for significant market share owing to the rising investments in infrastructural development and growing manufacturing base in the region. Europe also holds considerable market share owing to the flourishing aviation and automotive industries in the region. State-of-the-art infrastructure in this region has been attracting investments by companies across major end-user industries in here. As companies continue to expand their global footprint by setting up manufacturing bases in this region, demand for solutions which aid in quality manufacturing will also continue to increase, thus driving the demand for sand blasting machines here. North America has also been contributing significantly to the demand for these machines. The growth of the market in

this region is majorly attributed to flourishing construction industry in this region on account rising investments by both public and private entities into continuously ageing infrastructure across countries in this region. Since companies in this sector are bound to adhere to industry standards in order to avoid penalties resulting from non-compliance to regulations, use of solutions like sand blasting machines to ensure perfect surface finish is increasing, thus bolstering the growth of the market.

Segmentation

The global sand blasting machine market has been analysed through the following segments:

By Type

Suction Blasting Machine

Pressure Blasting Machine

Wet Blasting

By Application

Aviation

Automotive

Construction

Oil and Gas

Others

By Geography

North America

South America

Europe

Middle East and Africa

Asia Pacific

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