Abrasiv Waterjet Cutting Machine Market Research Report - Global Forecast till 2025

Description:

Global Abrasive Waterjet Cutting Machine Market Research Report: Information by Type (3D Waterjet Cutting Machines, Micro Waterjet Cutting Machines, and Robotic Waterjet Cutting Machines), Application (Exotic Metal & Non-Traditional Material Cutting, Glass/Metal Art, Ceramic/Stone Cutting, Gasket Cutting, Fiberglass Cutting, and Foam Product Cutting), Industry (Metal Fabrication, Automotive, Aerospace, Food Processing, Textile, Machine Manufacturing, and Medical Device) and Region (North America, Europe, Asia-Pacific and Rest of the World) - Forecast till 2025

Market Synopsis

Abrasive waterjet cutting machines use abrasive materials in the high-pressure waterjet to cut the hard materials. The abrasive material is injected into the cutting machine through two systems, namely, injection jet systems and suspension jet system. These machines are equipped with a pump that releases water at high-pressures ranging between 200 bars and 4000 bars. It is mainly used for cutting metal, stone, fiberglass, and other hard materials.

The rise in the global demand and sale of vehicles is the main factor fueling the need for abrasive waterjet cutting machines. The increase in demand for steel and other metals in various end-use industries, including the construction and automotive industries, across the globe and the growing manufacturing sector in emerging economies are expected to increase the demand for abrasive waterjet cutting machine in the global market.

The significant increase in the demand for automotive metal gaskets, generator components, and hard metal components are expected to create opportunities for players operating in the global market during the forecast period. Colfax Corporation, Lincoln Electric Company, Flow International, Omax Corporation, and KMT Waterjet are the key abrasive waterjet cutting machine manufacturers in the global market. They primarily focus on product development and forming strategic partnerships with players in the metal forming industries in North America and Asia-Pacific. These developments are expected to create growth and investment opportunities for manufacturers during the forecast period. However, the high price of abrasive waterjet cutting machines and limited awareness are expected to hamper the growth of the global abrasive waterjet cutting machine market during the forecast period. Thus, the Global Abrasive Waterjet Cutting Machine Market is estimated to witness 8.5% CAGR during the forecast period, 2019–2025.

Segmentation: Global Abrasive Waterjet Cutting Machine Market
The Global Abrasive Waterjet Cutting Machine Market is segmented based on Type, Application, Industry, and Region. Based on type, the global market has been segmented into 3D waterjet cutting machines, micro waterjet cutting machines, and robotic waterjet cutting machines. The 3D waterjet cutting machines segment is expected to dominate the global market in terms of value and volume during the forecast period. Based on application, the global market has been segmented into exotic metal & non-traditional material cutting, glass/metal art, ceramic/stone cutting, gasket cutting, fiberglass cutting, and foam product cutting. The glass/metal art application segment is expected to dominate the global market in terms of value and volume during the forecast period. Based on industry, the global market has been segmented into metal fabrication, automotive, aerospace, food processing, textile, machine manufacturing, and medical device. The automotive segment is expected to dominate the global market in terms of value during the forecast period, owing to an increase in demand for vehicle gaskets and the growing automotive component industry.

Geographically, the global abrasive waterjet cutting machine market has been segmented into four regions, namely, North America, Europe, Asia-Pacific, and the rest of the world. Asia-Pacific is expected to hold a significant share of the market during the forecast period owing to the rapidly growing automotive and construction industry. Moreover, strong economic growth in China, India, and Japan and the increasing production of automotive parts and industrial parts in the region is further expected to drive the growth of the Asia-Pacific abrasive waterjet cutting machine market. Furthermore, in the region, China is expected to grow at the highest rate due to the increasing government initiatives to promote China as the world’s most preferred hub for manufacturing by 2025 and leading exports of automotive parts and industrial parts. On the other hand, Europe is expected to witness steady growth owing to the rising research and development and the growing automotive industry.

Prominent Players

The Prominent Players in the Global Abrasive Waterjet Cutting Machine Market include Colfax Corporation (US), Lincoln Electric Company (US), Flow International (US), Omax Corporation (US), KMT Waterjet (US), Hornet Cutting Systems (US), Koike Aronson (Japan), Semyx (US), AUTOPRO-UP Co., Ltd. (South Korea), Waterjet Sweden AB (Sweden), and DARDI International Corporation (China).

The report for the Global Abrasive Waterjet Cutting Machine Market of Market Research Future covers extensive primary research. This is accompanied by a detailed analysis of qualitative and quantitative aspects by various industry experts and key opinion leaders to gain deeper insights into the market and industry performance. The report gives a clear picture of the current market scenario, which includes the historic and forecasted market size, in terms of value and volume, technological advancement, macroeconomic, and governing factors of the market. The report provides comprehensive information about the strategies of the top companies in the industry, along with a broad study of the different market segments and regions.

Intended Audience

- Abrasive waterjet cutting machine manufacturers
- Cutting machine manufacturers
- Waterjet component manufacturers
- Manufacturers and distributors of abrasives
- State and national regulatory authorities
- Government and industry associations
- State or government-owned corporations
- Research organizations

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