

Waterjet Cutting Machines Market By Type (Abrasive Waterjet Cutting Machines, Non Abrasive Waterjet Cutting Machines), By Dimension Cutting (One Dimensional Cutting, Two Dimensional Cutting, Others), By End User Industry (Automotive, Metal Fabrication, Electronics, Aerospace, Others), : Global Opportunity Analysis and Industry Forecast, 2020-2030

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Report description:

The waterjet cutting machines market size was valued at \$1,098.9 million in 2020, and is projected to reach \$1,986.5 million by 2030, registering a CAGR of 6.1% from 2021 to 2030. Waterjet cutting machine is used to cut a variety of materials with high-pressure water cutting technique or mixture of water and abrasive. These are used to cut a variety of materials, including metals, textile, paper, stone, granite, and more. They are used in industries, such as metal fabrication, aerospace, defense, and automotive. Waterjet cutting machines are used for interior and exterior cutting of headliners, dumpers, door and instrument panels, composite parts, and seats of automobiles. The adoption of waterjet cutting machines enhances the flexibility of cutting equipment and makes automation easier for the automobile sector, which promotes the market for waterjet cutting machines in this industry.

In the aerospace sector, abrasive waterjet cutting with five to six axis motion control is commonly used for precision metal cutting of composites, titanium, Inconel, and other materials. Waterjet cutting is an excellent choice for the aerospace sector, since it produces no heat affected zone and also removes the requirement for secondary operations. The waterjet cutting machines are used in fuselages, interior cabin panels, rotary blades, engine components and many more in the aerospace industry. Being a cold-cutting technique, it is predicted to continue to be used in a variety of sectors due to its ability to accurately shape metals and components without affecting the material qualities. Hence, such factors provide growth and contribute in the expansion of the waterjet cutting machines market.

Furthermore, various key players are focusing of expanding their business by implementing strategic moves, such as partnership

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and acquisition and launching new and advanced waterjet cutting machines. For instance, in November 2021, Bystronic Laser AG opened a new production plant and an experience center for the American region. The plant is expected to deal in manufacture and assembly of waterjet cutting machines in the U.S. and reduce the need to import them from Europe. In addition, it has introduced ByTube Star 130 waterjet cutting machine in September 2021. It offers improved precision, user friendly, and a completely automated setup with open profiles and ellipses, resulting in increased production flexibility and quality. As a result, such strategic moves by companies are fueling the waterjet cutting machines market growth.

The market is segmented on the basis of type, dimension cutting, end user industry, and region. On the basis of type, the market is classified into abrasive waterjet cutting machines and non-abrasive waterjet cutting machines. By dimension cutting, the market is divided into one-dimensional cutting, two-dimensional cutting, and others. By end-user industry, it is classified as automotive, metal fabrication, electronics, aerospace, and others. Region wise, the global market analysis is conducted across North America (the U.S., Canada, and Mexico), Europe (the UK, France, Germany, Italy, and Rest of Europe), Asia-Pacific (China, Japan, India, South Korea, and Rest of Asia-Pacific), and LAMEA (Latin America, the Middle East, and Africa).

COMPETITION ANALYSIS

The key players operating in the global waterjet cutting machine are Colfax Corporation, Conzzeta (Bystronic Laser AG), Dardi International Corporation, Flow International Corporation (Shape Tech Group), KMT Waterjet, OMAX Corporation, Resato International B.V., Jet Edge, and Wardjet, Belotti SPA.

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KEY BENEFITS FOR STAKEHOLDERS

- The report provides an extensive analysis of the current and emerging□waterjet cutting machines market□trends and dynamics.□
- In-depth□waterjet cutting machines market□analysis is conducted by constructing market estimations for key market segments between 2021 and 2030.
- Extensive analysis of the□waterjet cutting machines market□is conducted by following key product positioning and monitoring of top competitors within the market framework.
- A comprehensive analysis of all the regions is provided to determine the prevailing opportunities.
- The global waterjet cutting machines market□forecast analysis from 2021 to 2030 is included in the report.
- The key players within waterjet cutting machines market are profiled in this report and their strategies are analyzed thoroughly, which help understand the competitive outlook of the□Waterjet cutting machine□industry.

Key Market Segments

By Type

- Abrasive Waterjet Cutting Machines
- Non Abrasive Waterjet Cutting Machines

By Dimension Cutting

- One Dimensional Cutting
- Two Dimensional Cutting
- Others

By End User Industry

- Automotive
- Metal Fabrication
- Electronics
- Aerospace
- Others

By Region

- North America
- U.S.
- Canada
- Mexico
- Europe

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- Germany
- France
- U.K.
- Italy
- Rest of Europe
- Asia-Pacific
- China
- Japan
- India
- South Korea
- Rest Of Asia Pacific
- LAMEA
- Latin America
- Middle East
- Africa
- Key Market Players
- Flow International Corporation
- SpaceClaim Corporation
- Dardi International Corporation
- Colfax Corporation
- OMAX Corporation
- Jet Edge, Inc
- Resato International BV
- Koike Aronson, Inc
- Shape Technologies Group
- Hypertherm, Inc

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