

# Global Friction Stir Welding Equipment Market Research Report with Opportunities and Strategies to Boost Growth- COVID-19 Impact and Recovery

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# **Abstracts**

Friction stir welding (FSW) is a solid-state joining process that uses a non-consumable tool to join two facing workpieces without melting the workpiece material. Heat is generated by friction between the rotating tool and the workpiece material, which leads to a softened region near the FSW tool. While the tool is traversed along the joint line, it mechanically intermixes the two pieces of metal, and forges the hot and softened metal by the mechanical pressure, which is applied by the tool, much like joining clay, or dough. It is primarily used on wrought or extruded aluminium and particularly for structures which need very high weld strength.

Based on the Friction Stir Welding Equipment market development status, competitive landscape and development model in different regions of the world, this report is dedicated to providing niche markets, potential risks and comprehensive competitive strategy analysis in different fields. From the competitive advantages of different types of products and services, the development opportunities and consumption characteristics and structure analysis of the downstream application fields are all analyzed in detail. To Boost Growth during the epidemic era, this report analyzes in detail for the potential risks and opportunities which can be focused on.

In Chapter 2.4 of the report, we share our perspectives for the impact of COVID-19 from the long and short term.

In chapter 3.4, we provide the influence of the crisis on the industry chain, especially for marketing channels.

In chapters 8-13, we update the timely industry economic revitalization plan of the country-wise government.

Key players in the global Friction Stir Welding Equipment market covered in Chapter 5:



**Precision Technologies Group** 

The Trac Project

Colfax

Gatwick Technologies

Schlumberger

I-STIR Technology

MTI Welding

Megastir

**FOOKE GmbH** 

**ESAB Welding & Cutting** 

Hitachi High-Technologies

Beijing FSW Technology Co, Ltd

**KUKA AG** 

In Chapter 6, on the basis of types, the Friction Stir Welding Equipment market from 2015 to 2025 is primarily split into:

**Desktop Equipment** 

**Gantry Equipment** 

Others

In Chapter 7, on the basis of applications, the Friction Stir Welding Equipment market from 2015 to 2025 covers:

Aerospace

Automotive

Shipbuilding

Railways

Others

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historic and forecast (2015-2025) of the following regions are covered in Chapter 8-13:

North America (Covered in Chapter 9)

**United States** 

Canada

Mexico

Europe (Covered in Chapter 10)

Germany

UK

France



Italy

Spain

Russia

Others

Asia-Pacific (Covered in Chapter 11)

China

Japan

South Korea

Australia

India

South America (Covered in Chapter 12)

Brazil

Argentina

Columbia

Middle East and Africa (Covered in Chapter 13)

UAE

Egypt

South Africa

Years considered for this report:

Historical Years: 2015-2019

Base Year: 2019

Estimated Year: 2020

Forecast Period: 2020-2025



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