

# **(COVID-19 Version) Global Friction Stir Welding Equipment Market Status (2015-2019) and Forecast (2020-2025) by Region, Product Type & End-Use**

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## **Abstracts**

### **SUMMARY**

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.

The report forecast global Friction Stir Welding Equipment market to grow to reach xxx Million USD in 2019 with a CAGR of xx% during the period 2020-2025 due to coronavirus situation.

The report offers detailed coverage of Friction Stir Welding Equipment industry and main market trends with impact of coronavirus. The market research includes historical and forecast market data, demand, application details, price trends, and company shares of the leading Friction Stir Welding Equipment by geography. The report splits the market size, by volume and value, on the basis of application type and geography.

First, this report covers the present status and the future prospects of the global Friction Stir Welding Equipment market for 2015-2024.

And in this report, we analyze global market from 5 geographies: Asia-Pacific[China,

Southeast Asia, India, Japan, Korea, Western Asia], Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland], North America[United States, Canada, Mexico], Middle East & Africa[GCC, North Africa, South Africa], South America[Brazil, Argentina, Columbia, Chile, Peru].

At the same time, we classify Friction Stir Welding Equipment according to the type, application by geography. More importantly, the report includes major countries market based on the type and application.

Finally, the report provides detailed profile and data information analysis of leading Friction Stir Welding Equipment company.

Key Content of Chapters as follows (Including and can be customized) :

Part 1:

Market Overview, Development, and Segment by Type, Application & Region

Part 2:

Company information, Sales, Cost, Margin etc.

Part 3:

Global Market by company, Type, Application & Geography

Part 4:

Asia-Pacific Market by Type, Application & Geography

Part 5:

Europe Market by Type, Application & Geography

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Middle East & Africa Market by Type, Application & Geography

Part 9:

Market Features

Part 10:

Investment Opportunity

Part 11:

Conclusion

Market Segment as follows:

## By Region

Asia-Pacific[China, Southeast Asia, India, Japan, Korea, Western Asia]

Europe[Germany, UK, France, Italy, Russia, Spain, Netherlands, Turkey, Switzerland]

North America[United States, Canada, Mexico]

Middle East & Africa[GCC, North Africa, South Africa]

South America[Brazil, Argentina, Columbia, Chile, Peru]

## Key Companies

Beijing FSW

ESAB

PaR Systems

Hitachi

General Tool Company

PTG

Nitto Seiki

BTI

Sooncable

Gatwick

ETA Technology

## Market by Type

Desktop Equipment

Gantry Equipment

Others

## Market by Application

Aerospace

Automotive

Shipbuilding

Railways

Others

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