

# Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Friction Stir Welding Equipment Market 2017 Forecast to 2022

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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.

### SCOPE OF THE REPORT:

This report focuses on the Friction Stir Welding Equipment in Global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

Market Segment by Manufacturers, this report covers

ESAB

Beijing FSW

PaR Systems

Hitachi

## General Tool Company

PTG

Nitto Seiki

BTI

Sooncable

Gatwick

ETA Technology

## Market Segment by Regions, regional analysis covers

North America (USA, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Columbia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

## Market Segment by Type, covers

Desktop Equipment

Gantry Equipment

Others

## Market Segment by Applications, can be divided into

*Global (North America, Europe and Asia-Pacific, South America, Middle East and Africa) Friction Stir Welding E...*

Aerospace

Automotive

Shipbuilding

Railways

Others

There are 15 Chapters to deeply display the global Friction Stir Welding Equipment market.

Chapter 1, to describe Friction Stir Welding Equipment Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Friction Stir Welding Equipment, with sales, revenue, and price of Friction Stir Welding Equipment, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Friction Stir Welding Equipment, for each region, from 2012 to 2017;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2012 to 2017;

Chapter 12, Friction Stir Welding Equipment market forecast, by regions, type and application, with sales and revenue, from 2017 to 2022;

Chapter 13, 14 and 15, to describe Friction Stir Welding Equipment sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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