

# North America Friction Stir Welding Equipment Market by Manufacturers, Countries, Type and Application, 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 North America market, especially in United States, Canada and Mexico. This report categorizes the market based on manufacturers, countries, 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 Countries, covering

United States

Canada

Mexico

## Market Segment by Type, covers

Desktop Equipment

Gantry Equipment

Others

## Market Segment by Applications, can be divided into

Aerospace

Automotive

Shipbuilding

Railways

Others

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

Chapter 1, to describe Friction Stir Welding Equipment Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Friction Stir Welding Equipment, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

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

Chapter 4, to show the North America market by countries, covering United States, Canada and Mexico, with sales, revenue and market share of Friction Stir Welding Equipment, for each country, from 2012 to 2017;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type, application, from 2012 to 2017;

Chapter 7, 8 and 9, to analyze the segment market in United States, Canada and Mexico, by manufacturers, type and application, with sales, price, revenue and market share by manufacturers, types and applications;

Chapter 10, Friction Stir Welding Equipment market forecast, by countries, type and application, with sales, price and revenue, from 2017 to 2022;

Chapter 11, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 12, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 13, to describe sales channel, distributors, traders, dealers etc.

Chapter 14 and 15, to describe Friction Stir Welding Equipment Research Findings and Conclusion, Appendix, methodology and data source

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