

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Friction Stir Welding Equipment Market 2018, Forecast to 2023

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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. First, the Friction Stir Welding Equipment industry concentration is high. Europe is the biggest consumer of Friction Stir Welding Equipment. There are no more than fifty manufacturers in the world, and high-end products mainly come from USA and European.

In the world wide, giant manufactures mainly distribute in Europe and America. American and Europe has a long history and unshakable status in this industry, like ESAB and PaR Systems. They have perfect products.

Second, the global Friction Stir Welding Equipment sales volume will increase to 166 units in 2017, from 154 units in 2016, it is estimated that the global Friction Stir Welding Equipment demand will develop with an average growth rate of about 7.12% in the coming five years. All manufactures in the world are committed to the improvement of

product. So the sales volume of Friction Stir Welding Equipment will increase quickly, and will attend 234 units in 2022.

Third, the products are mainly used in the Aerospace, Automotive, Shipbuilding and Railways industry, the market share are 24.68%, 25.97%, 13.64% and 18.83%. We predict that Automotive industry will be the important market in the future.

Fourth, we tend to believe this industry now is close to mature, and the consumption increasing degree will show a smooth curve. On product prices, the slow downward trend in recent years will maintain in the future, as competition intensifies, prices gap between different brands will go narrowing. Similarly, there will be fluctuation in gross margin. What's more, the share of Chinese country will increase.

The worldwide market for Friction Stir Welding Equipment is expected to grow at a CAGR of roughly 6.5% over the next five years, will reach 240 million US\$ in 2023, from 160 million US\$ in 2017, according to a new GIR (Global Info Research) study.

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 (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia 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

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,

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

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 2013 to 2018;

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 2013 to 2018;

Chapter 12, Friction Stir Welding Equipment market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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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