

Global Friction Stir Welding Equipment Market Research Report 2012-2024

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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 global Friction Stir Welding Equipment market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

- Desktop Equipment
- Gantry Equipment
- Others

Leading vendors in the market are included based on profile, business performance etc. Vendors mentioned as follows:

- Beijing FSW
- ESAB
- PaR Systems
- Hitachi
- General Tool Company
- PTG
- Nitto Seiki
- BTI
- Sooncable
- Gatwick
- ETA Technology

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

- Aerospace
- Automotive
- Shipbuilding
- Railways
- Others

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

- Asia-Pacific
- North America
- Europe
- South America
- Middle East & Africa

Table of Content

1 MARKET OVERVIEW

1.1 Objectives of Research

1.1.1 Definition

1.1.2 Specifications

1.2 Market Segment

1.2.1 by Type

1.2.1.1 Desktop Equipment

1.2.1.2 Gantry Equipment

1.2.1.3 Others

1.2.2 by Application

1.2.2.1 Aerospace

1.2.2.2 Automotive

1.2.2.3 Shipbuilding

1.2.2.4 Railways

1.2.2.5 Others

1.2.3 by Regions

2 INDUSTRY CHAIN

2.1 Industry Chain Structure

2.2 Upstream

2.3 Market

2.3.1 SWOT

2.3.2 Dynamics

3 ENVIRONMENTAL ANALYSIS

3.1 Policy

3.2 Economic

3.3 Technology

3.4 Market Entry

4 MARKET SEGMENTATION BY TYPE

4.1 Market Size

4.1.1 Desktop Equipment Market, 2013-2018

- 4.1.2 Gantry Equipment Market, 2013-2018
- 4.1.3 Others Market, 2013-2018
- 4.2 Market Forecast
 - 4.2.1 Desktop Equipment Market Forecast, 2019-2024
 - 4.2.2 Gantry Equipment Market Forecast, 2019-2024
 - 4.2.3 Others Market Forecast, 2019-2024

5 MARKET SEGMENTATION BY APPLICATION

- 5.1 Market Size
 - 5.1.1 Aerospace Market, 2013-2018
 - 5.1.2 Automotive Market, 2013-2018
 - 5.1.3 Shipbuilding Market, 2013-2018
 - 5.1.4 Railways Market, 2013-2018
 - 5.1.5 Others Market, 2013-2018
- 5.2 Market Forecast
 - 5.2.1 Aerospace Market Forecast, 2019-2024
 - 5.2.2 Automotive Market Forecast, 2019-2024
 - 5.2.3 Shipbuilding Market Forecast, 2019-2024
 - 5.2.4 Railways Market Forecast, 2019-2024
 - 5.2.5 Others Market Forecast, 2019-2024

6 MARKET SEGMENTATION BY REGION

- 6.1 Market Size
 - 6.1.1 Asia-Pacific
 - 6.1.1.1 Asia-Pacific Market, 2012-2018
 - 6.1.1.2 Asia-Pacific Market by Type
 - 6.1.1.3 Asia-Pacific Market by Application
 - 6.1.2 North America
 - 6.1.2.1 North America Market, 2012-2018
 - 6.1.2.2 North America Market by Type
 - 6.1.2.3 North America Market by Application
 - 6.1.3 Europe
 - 6.1.3.1 Europe Market, 2012-2018
 - 6.1.3.2 Europe Market by Type
 - 6.1.3.3 Europe Market by Application
 - 6.1.4 South America
 - 6.1.4.1 South America Market, 2012-2018
 - 6.1.4.2 South America Market by Type
 - 6.1.4.3 South America Market by Application
 - 6.1.5 Middle East & Africa
 - 6.1.5.1 Middle East & Africa Market, 2012-2018
 - 6.1.5.2 Middle East & Africa Market by Type
 - 6.1.5.3 Middle East & Africa Market by Application
- 6.2 Market Forecast
 - 6.2.1 Asia-Pacific Market Forecast, 2019-2024
 - 6.2.2 North America Market Forecast, 2019-2024
 - 6.2.3 Europe Market Forecast, 2019-2024
 - 6.2.4 South America Market Forecast, 2019-2024
 - 6.2.5 Middle East & Africa Market Forecast, 2019-2024

7 MARKET COMPETITIVE

- 7.1 Global Market by Vendors

- 7.2 Market Concentration
- 7.3 Price & Factors
- 7.4 Marketing Channel

8 MAJOR VENDORS

- 8.1 Beijing FSW
- 8.2 ESAB
- 8.3 PaR Systems
- 8.4 Hitachi
- 8.5 General Tool Company
- 8.6 PTG
- 8.7 Nitto Seiki
- 8.8 BTI
- 8.9 Sooncable
- 8.10 Gatwick
- 8.11 ETA Technology

9 CONCLUSION

LIST OF TABLES

- Table Product Specifications of Friction Stir Welding Equipment
- Table Products Segment of Friction Stir Welding Equipment
- Table Desktop Equipment Overview
- Table Gantry Equipment Overview
- Table Others Overview
- Table Global Friction Stir Welding Equipment Market by Type, 2011-2022 (USD Million)
- Table Application Segment of Friction Stir Welding Equipment
- Table Aerospace Overview
- Table Automotive Overview
- Table Shipbuilding Overview
- Table Railways Overview
- Table Others Overview
- Table Global Friction Stir Welding Equipment Market by Application, 2011-2022 (USD Million)
- Table Global Friction Stir Welding Equipment Market by Region, 2011-2022 (USD Million)
- Table Cost of Friction Stir Welding Equipment
- Table Market Dynamics
- Table Policy of Friction Stir Welding Equipment
- Table GDP of Major Countries
- Table Desktop Equipment CAGR by Revenue and Volume, 2012-2018
- Table Gantry Equipment CAGR by Revenue and Volume, 2012-2018
- Table Others CAGR by Revenue and Volume, 2012-2018
- Table Desktop Equipment CAGR by Revenue and Volume, 2012-2024
- Table Gantry Equipment CAGR by Revenue and Volume, 2012-2024
- Table Others CAGR by Revenue and Volume, 2012-2024
- Table Aerospace CAGR by Revenue and Volume, 2012-2018
- Table Automotive CAGR by Revenue and Volume, 2012-2018
- Table Shipbuilding CAGR by Revenue and Volume, 2012-2018
- Table Railways CAGR by Revenue and Volume, 2012-2018
- Table Others CAGR by Revenue and Volume, 2012-2018
- Table Global Friction Stir Welding Equipment Market by Vendors, 2012-2018 (USD Million)
- Table Global Friction Stir Welding Equipment Market by Vendors, 2012-2018 (in Volume)
- Table Global Friction Stir Welding Equipment Market Share by Vendors, 2012-2018 (USD Million)
- Table Global Friction Stir Welding Equipment Market Share by Vendors, 2012-2018 (in Volume)

Table Price Factors List
Table Beijing FSW Profile List
Table Microecological Modulator Operating Data of Beijing FSW (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table ESAB Profile List
Table Microecological Modulator Operating Data of ESAB (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table PaR Systems Profile List
Table Microecological Modulator Operating Data of PaR Systems (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Hitachi Profile List
Table Microecological Modulator Operating Data of Hitachi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table General Tool Company Profile List
Table Microecological Modulator Operating Data of General Tool Company (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table PTG Profile List
Table Microecological Modulator Operating Data of PTG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Nitto Seiki Profile List
Table Microecological Modulator Operating Data of Nitto Seiki (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table BTI Profile List
Table Microecological Modulator Operating Data of BTI (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Sooncable Profile List
Table Microecological Modulator Operating Data of Sooncable (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table Gatwick Profile List
Table Microecological Modulator Operating Data of Gatwick (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)
Table ETA Technology Profile List
Table Microecological Modulator Operating Data of ETA Technology (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

LIST OF FIGURES

Figure Friction Stir Welding Equipment Picture
Figure Industry Chain Structure of Friction Stir Welding Equipment
Figure SWOT of Friction Stir Welding Equipment
Figure Desktop Equipment Market Size and Growth, 2012-2018 (USD Million)
Figure Desktop Equipment Market Size and Growth, 2012-2018 (in Volume)
Figure Gantry Equipment Market Size and Growth, 2012-2018 (USD Million)
Figure Gantry Equipment Market Size and Growth, 2012-2018 (in Volume)
Figure Others Market Size and Growth, 2012-2018 (USD Million)
Figure Others Market Size and Growth, 2012-2018 (in Volume)
Figure Desktop Equipment Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Desktop Equipment Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Gantry Equipment Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Gantry Equipment Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Others Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Others Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Aerospace Market Size and Growth, 2012-2018 (USD Million)
Figure Market Size and Growth, 2012-2018 (in Volume)
Figure Automotive Market Size and Growth, 2012-2018 (USD Million)

Figure Market Size and Growth, 2012-2018 (in Volume)
Figure Shipbuilding Market Size and Growth, 2012-2018 (USD Million)
Figure Market Size and Growth, 2012-2018 (in Volume)
Figure Railways Market Size and Growth, 2012-2018 (USD Million)
Figure Market Size and Growth, 2012-2018 (in Volume)
Figure Others Market Size and Growth, 2012-2018 (USD Million)
Figure Market Size and Growth, 2012-2018 (in Volume)
Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)
Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)
Figure Asia-Pacific Market Size by Type
Figure Asia-Pacific Market Share by Type
Figure Asia-Pacific Market Size by Application
Figure Asia-Pacific Market Share by Application
Figure North America Market Size and Growth, 2012-2018 (USD Million)
Figure North America Market Size and Growth, 2012-2018 (in Volume)
Figure North America Market Size by Type
Figure North America Market Share by Type
Figure North America Market Size by Application
Figure North America Market Share by Application
Figure Europe Market Size and Growth, 2012-2018 (USD Million)
Figure Europe Market Size and Growth, 2012-2018 (in Volume)
Figure Europe Market Size by Type
Figure Europe Market Share by Type
Figure Europe Market Size by Application
Figure Europe Market Share by Application
Figure South America Market Size and Growth, 2012-2018 (USD Million)
Figure South America Market Size and Growth, 2012-2018 (in Volume)
Figure South America Market Size by Type
Figure South America Market Share by Type
Figure South America Market Size by Application
Figure South America Market Share by Application
Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)
Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)
Figure Middle East & Africa Market Size by Type
Figure Middle East & Africa Market Share by Type
Figure Middle East & Africa Market Size by Application
Figure Middle East & Africa Market Share by Application
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)
Figure Friction Stir Welding Equipment Market Concentration by Region
Figure Marketing Channels Overview

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