

# Global Friction Stir Welding Equipment Market Analysis 2015-2019 and Forecast 2020-2025

<https://marketpublishers.com/r/GBF23818D4AEN.html>

Date: January 2020

Pages: 94

Price: US\$ 2,980.00 (Single User License)

ID: GBF23818D4AEN

## Abstracts

### SNAPSHOT

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 size is estimated at xxx million USD with a CAGR xx% from 2015-2019 and is expected to reach xxx Million USD in 2020 with a CAGR xx% from 2020 to 2025. The report begins from overview of Industry Chain structure, and describes industry environment, then analyses market size and forecast of Friction Stir Welding Equipment by product, region and application, in addition, this report introduces market competition situation among the vendors and company profile, besides, market price analysis and value chain features are covered in this report.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Desktop Equipment

Gantry Equipment

Others

Company Coverage (Company Profile, Sales Revenue, Price, Gross Margin, Main Products etc.):

Beijing FSW

ESAB

PaR Systems

Hitachi

General Tool Company

PTG

Nitto Seiki

BTI

Sooncable

Gatwick

ETA Technology

Application Coverage (Market Size & Forecast, Different Demand Market by Region, Main Consumer Profile etc.):

Aerospace

Automotive

Shipbuilding

Railways

Others

Region Coverage (Regional Production, Demand & Forecast by Countries etc.):

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc.)

Asia-Pacific (China, India, Japan, Southeast Asia etc.)

South America (Brazil, Argentina etc.)

Middle East & Africa (Saudi Arabia, South Africa etc.)

## Contents

### 1 INDUSTRY OVERVIEW

#### 1.1 Friction Stir Welding Equipment Industry

Figure Friction Stir Welding Equipment Industry Chain Structure

##### 1.1.1 Overview

##### 1.1.2 Development of Friction Stir Welding Equipment

#### 1.2 Market Segment

##### 1.2.1 Upstream

Table Upstream Segment of Friction Stir Welding Equipment

##### 1.2.2 Downstream

Table Application Segment of Friction Stir Welding Equipment

Table Global Friction Stir Welding Equipment Market 2015-2025, by Application, in USD Million

#### 1.3 Cost Analysis

### 2 INDUSTRY ENVIRONMENT (PEST ANALYSIS)

#### 2.1 Policy

#### 2.2 Economics

#### 2.3 Sociology

#### 2.4 Technology

### 3 FRICTION STIR WELDING EQUIPMENT MARKET BY TYPE

#### 3.1 By Type

##### 3.1.1 Desktop Equipment

Table Major Company List of Desktop Equipment

##### 3.1.2 Gantry Equipment

Table Major Company List of Gantry Equipment

##### 3.1.3 Others

Table Major Company List of Others

#### 3.2 Market Size

Table Global Friction Stir Welding Equipment Market 2015-2019, by Type, in USD Million

Figure Global Friction Stir Welding Equipment Market Growth 2015-2019, by Type, in USD Million

Table Global Friction Stir Welding Equipment Market 2015-2019, by Type, in Volume

Figure Global Friction Stir Welding Equipment Market Growth 2015-2019, by Type, in Volume

### 3.3 Market Forecast

Table Global Friction Stir Welding Equipment Market Forecast 2020-2025, by Type, in USD Million

Table Global Friction Stir Welding Equipment Market Forecast 2020-2025, by Type, in Volume

## 4 MAJOR COMPANIES LIST

### 4.1 Beijing FSW (Company Profile, Sales Data etc.)

#### 4.1.1 Beijing FSW Profile

Table Beijing FSW Overview List

#### 4.1.2 Beijing FSW Products & Services

#### 4.1.3 Beijing FSW Business Operation Conditions

Table Business Operation of Beijing FSW (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 4.2 ESAB (Company Profile, Sales Data etc.)

#### 4.2.1 ESAB Profile

Table ESAB Overview List

#### 4.2.2 ESAB Products & Services

#### 4.2.3 ESAB Business Operation Conditions

Table Business Operation of ESAB (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 4.3 PaR Systems (Company Profile, Sales Data etc.)

#### 4.3.1 PaR Systems Profile

Table PaR Systems Overview List

#### 4.3.2 PaR Systems Products & Services

#### 4.3.3 PaR Systems Business Operation Conditions

Table Business Operation of PaR Systems (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 4.4 Hitachi (Company Profile, Sales Data etc.)

#### 4.4.1 Hitachi Profile

Table Hitachi Overview List

#### 4.4.2 Hitachi Products & Services

#### 4.4.3 Hitachi Business Operation Conditions

Table Business Operation of Hitachi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

### 4.5 General Tool Company (Company Profile, Sales Data etc.)

#### 4.5.1 General Tool Company Profile

Table General Tool Company Overview List

#### 4.5.2 General Tool Company Products & Services

#### 4.5.3 General Tool Company Business Operation Conditions

Table Business Operation of General Tool Company (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

#### 4.6 PTG (Company Profile, Sales Data etc.)

##### 4.6.1 PTG Profile

Table PTG Overview List

##### 4.6.2 PTG Products & Services

##### 4.6.3 PTG Business Operation Conditions

Table Business Operation of PTG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

#### 4.7 Nitto Seiki (Company Profile, Sales Data etc.)

##### 4.7.1 Nitto Seiki Profile

Table Nitto Seiki Overview List

##### 4.7.2 Nitto Seiki Products & Services

##### 4.7.3 Nitto Seiki Business Operation Conditions

Table Business Operation of Nitto Seiki (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

#### 4.8 BTI (Company Profile, Sales Data etc.)

##### 4.8.1 BTI Profile

Table BTI Overview List

##### 4.8.2 BTI Products & Services

##### 4.8.3 BTI Business Operation Conditions

Table Business Operation of BTI (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

#### 4.9 Sooncable (Company Profile, Sales Data etc.)

##### 4.9.1 Sooncable Profile

Table Sooncable Overview List

##### 4.9.2 Sooncable Products & Services

##### 4.9.3 Sooncable Business Operation Conditions

Table Business Operation of Sooncable (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

#### 4.10 Gatwick (Company Profile, Sales Data etc.)

##### 4.10.1 Gatwick Profile

Table Gatwick Overview List

##### 4.10.2 Gatwick Products & Services

##### 4.10.3 Gatwick Business Operation Conditions

Table Business Operation of Gatwick (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

4.11 ETA Technology (Company Profile, Sales Data etc.)

4.11.1 ETA Technology Profile

Table ETA Technology Overview List

4.11.2 ETA Technology Products & Services

4.11.3 ETA Technology Business Operation Conditions

Table Business Operation of ETA Technology (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

## **5 MARKET COMPETITION**

5.1 Company Competition

Table Global Friction Stir Welding Equipment Sales Revenue 2015-2019, by Company, in USD Million

Table Global Friction Stir Welding Equipment Sales Revenue Share 2015-2019, by Company, in USD Million

Figure Global Friction Stir Welding Equipment Sales Revenue Share in 2019, by Company, in USD Million

Table Global Friction Stir Welding Equipment Sales Volume 2015-2019, by Company, in Volume

Table Global Friction Stir Welding Equipment Sales Volume Share 2015-2019, by Company, in Volume

Figure Global Friction Stir Welding Equipment Sales Volume Share in 2019, by Company, in Volume

5.2 Regional Market by Company

Figure North America Friction Stir Welding Equipment Market Concentration, in 2019

Figure Europe Friction Stir Welding Equipment Market Market Concentration, in 2019

Figure Asia-Pacific Friction Stir Welding Equipment Market Concentration, in 2019

Figure South America Friction Stir Welding Equipment Market Concentration, in 2019

Figure Middle East & Africa Friction Stir Welding Equipment Market Concentration, in 2019

## **6 DEMAND BY END MARKET**

6.1 Demand Situation

6.1.1 Demand in Aerospace

Figure Friction Stir Welding Equipment Demand in Aerospace, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Aerospace, 2015-2019, in Volume

6.1.2 Demand in Automotive

Figure Friction Stir Welding Equipment Demand in Automotive, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Automotive, 2015-2019, in Volume

6.1.3 Demand in Shipbuilding

Figure Friction Stir Welding Equipment Demand in Shipbuilding, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Shipbuilding, 2015-2019, in Volume

6.1.4 Demand in Railways

Figure Friction Stir Welding Equipment Demand in Railways, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Railways, 2015-2019, in Volume

6.1.5 Demand in Others

Figure Friction Stir Welding Equipment Demand in Others, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Others, 2015-2019, in Volume

6.2 Regional Demand Comparison

Table Regional Demand Comparison List

Table Major Application in Different Regions

6.3 Demand Forecast

Table Friction Stir Welding Equipment Demand Forecast 2020-2025, by Application, in USD Million

Figure Friction Stir Welding Equipment Market Growth 2020-2025, by Application, in USD Million

Figure Friction Stir Welding Equipment Market Share in 2025, by Application, in USD Million

Table Friction Stir Welding Equipment Demand Forecast 2020-2025, by Application, in Volume

Table Friction Stir Welding Equipment Market Growth 2020-2025, by Application, in Volume

Table Friction Stir Welding Equipment Market Share in 2025, by Application, in Volume

## **7 REGION OPERATION**

7.1 Regional Production

Table Friction Stir Welding Equipment Production 2015-2019, by Region, in USD Million

Table Friction Stir Welding Equipment Production 2015-2019, by Region, in Volume

7.2 Regional Market

Table Global Friction Stir Welding Equipment Market 2015-2019, by Region, in USD Million



Table Global Friction Stir Welding Equipment Market Share 2015-2019, by Region, in USD Million

Table Global Friction Stir Welding Equipment Market 2015-2019, by Region, in Volume

Table Global Friction Stir Welding Equipment Market Share 2015-2019, by Region, in Volume

7.3 by Region

7.3.1 North America

7.3.1.1 Overview

Figure North America Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure North America Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

7.3.1.2 by Country (U.S., Canada, Mexico)

Table North America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table North America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

7.3.2 Europe

7.3.2.1 Overview

Figure Europe Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure Europe Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

7.3.2.2 by Country (Germany, U.K., France, Italy, Russia, Spain etc.)

Table Europe Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table Europe Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

7.3.3 Asia-Pacific

7.3.3.1 Overview

Figure Asia-Pacific Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

7.3.3.2 by Country (China, India, Japan, Southeast Asia etc.)

Table Asia-Pacific Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table Asia-Pacific Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

#### 7.3.4 South America

##### 7.3.4.1 Overview

Figure South America Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure South America Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

##### 7.3.4.2 by Country (Brazil, Argentina etc.)

Table South America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table South America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

#### 7.3.5 Middle East & Africa

##### 7.3.5.1 Overview

Figure Middle East & Africa Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure Middle East & Africa Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

##### 7.3.5.2 by Country (Saudi Arabia, South Africa etc.)

Table Middle East & Africa Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

#### 7.4 Regional Import & Export

#### 7.5 Regional Forecast

Table Friction Stir Welding Equipment Market Forecast 2020-2025, by Region, in USD Million

Table Friction Stir Welding Equipment Market Forecast 2020-2025, by Region, in Volume

## **8 MARKETING & PRICE**

### 8.1 Price and Margin

#### 8.1.1 Price Trends

#### 8.1.2 Factors of Price Change

Table Price Factors List

#### 8.1.3 Manufacturers Gross Margin Analysis

### 8.2 Marketing Channel

Figure Marketing Channels Overview

## 9 RESEARCH CONCLUSION

## List Of Tables

### LIST OF TABLES

Table Upstream Segment of Friction Stir Welding Equipment

Table Application Segment of Friction Stir Welding Equipment

Table Global Friction Stir Welding Equipment Market 2015-2025, by Application, in USD Million

Table Major Company List of Gantry Equipment

Table Major Company List of Others

Table Global Friction Stir Welding Equipment Market 2015-2019, by Type, in USD Million

Table Global Friction Stir Welding Equipment Market 2015-2019, by Type, in Volume

Table Global Friction Stir Welding Equipment Market Forecast 2020-2025, by Type, in USD Million

Table Global Friction Stir Welding Equipment Market Forecast 2020-2025, by Type, in Volume

Table Beijing FSW Overview List

Table Business Operation of Beijing FSW (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table ESAB Overview List

Table Business Operation of ESAB (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table PaR Systems Overview List

Table Business Operation of PaR Systems (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Hitachi Overview List

Table Business Operation of Hitachi (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table General Tool Company Overview List

Table Business Operation of General Tool Company (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table PTG Overview List

Table Business Operation of PTG (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Nitto Seiki Overview List

Table Business Operation of Nitto Seiki (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table BTI Overview List

Table Business Operation of BTI (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Sooncable Overview List

Table Business Operation of Sooncable (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Gatwick Overview List

Table Business Operation of Gatwick (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table ETA Technology Overview List

Table Business Operation of ETA Technology (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Global Friction Stir Welding Equipment Sales Revenue 2015-2019, by Company, in USD Million

Table Global Friction Stir Welding Equipment Sales Revenue Share 2015-2019, by Company, in USD Million

Table Global Friction Stir Welding Equipment Sales Volume 2015-2019, by Company, in Volume

Table Global Friction Stir Welding Equipment Sales Volume Share 2015-2019, by Company, in Volume

Table Regional Demand Comparison List

Table Major Application in Different Regions

Table Friction Stir Welding Equipment Demand Forecast 2020-2025, by Application, in USD Million

Table Friction Stir Welding Equipment Demand Forecast 2020-2025, by Application, in Volume

Table Friction Stir Welding Equipment Market Growth 2020-2025, by Application, in Volume

Table Friction Stir Welding Equipment Market Share in 2025, by Application, in Volume

Table Friction Stir Welding Equipment Production 2015-2019, by Region, in USD Million

Table Friction Stir Welding Equipment Production 2015-2019, by Region, in Volume

Table Global Friction Stir Welding Equipment Market 2015-2019, by Region, in USD Million

Table Global Friction Stir Welding Equipment Market Share 2015-2019, by Region, in USD Million

Table Global Friction Stir Welding Equipment Market 2015-2019, by Region, in Volume

Table Global Friction Stir Welding Equipment Market Share 2015-2019, by Region, in Volume

Table North America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table North America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

Table Europe Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table Europe Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

Table Asia-Pacific Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table Asia-Pacific Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

Table South America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table South America Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

Table Middle East & Africa Friction Stir Welding Equipment Market Size 2015-2019, by Country, in USD Million

Table Middle East & Africa Friction Stir Welding Equipment Market Size 2015-2019, by Country, in Volume

Table Friction Stir Welding Equipment Market Forecast 2020-2025, by Region, in USD Million

Table Friction Stir Welding Equipment Market Forecast 2020-2025, by Region, in Volume

Table Price Factors List

## List Of Figures

### LIST OF FIGURES

Figure Friction Stir Welding Equipment Industry Chain Structure

Figure Global Friction Stir Welding Equipment Market Growth 2015-2019, by Type, in USD Million

Figure Global Friction Stir Welding Equipment Market Growth 2015-2019, by Type, in Volume

Figure Global Friction Stir Welding Equipment Sales Revenue Share in 2019, by Company, in USD Million

Figure Global Friction Stir Welding Equipment Sales Volume Share in 2019, by Company, in Volume

Figure North America Friction Stir Welding Equipment Market Concentration, in 2019

Figure Europe Friction Stir Welding Equipment Market Market Concentration, in 2019

Figure Asia-Pacific Friction Stir Welding Equipment Market Concentration, in 2019

Figure South America Friction Stir Welding Equipment Market Concentration, in 2019

Figure Middle East & Africa Friction Stir Welding Equipment Market Concentration, in 2019

Figure Friction Stir Welding Equipment Demand in Aerospace, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Aerospace, 2015-2019, in Volume

Figure Friction Stir Welding Equipment Demand in Automotive, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Automotive, 2015-2019, in Volume

Figure Friction Stir Welding Equipment Demand in Shipbuilding, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Shipbuilding, 2015-2019, in Volume

Figure Friction Stir Welding Equipment Demand in Railways, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Railways, 2015-2019, in Volume

Figure Friction Stir Welding Equipment Demand in Others, 2015-2019, in USD Million

Figure Friction Stir Welding Equipment Demand in Others, 2015-2019, in Volume

Figure Friction Stir Welding Equipment Market Growth 2020-2025, by Application, in USD Million

Figure Friction Stir Welding Equipment Market Share in 2025, by Application, in USD Million

Figure North America Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure North America Friction Stir Welding Equipment Market Size and Growth

2015-2019, in Volume

Figure Europe Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure Europe Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

Figure Asia-Pacific Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure Asia-Pacific Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

Figure South America Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure South America Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

Figure Middle East & Africa Friction Stir Welding Equipment Market Size and Growth 2015-2019, in USD Million

Figure Middle East & Africa Friction Stir Welding Equipment Market Size and Growth 2015-2019, in Volume

Figure Marketing Channels Overview



## I would like to order

Product name: Global Friction Stir Welding Equipment Market Analysis 2015-2019 and Forecast 2020-2025

Product link: <https://marketpublishers.com/r/GBF23818D4AEN.html>

Price: US\$ 2,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GBF23818D4AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

