

# Global Friction Stir Welding Equipment Market Research Report 2022 Professional Edition

<https://marketpublishers.com/r/GFE76F2DC343EN.html>

Date: January 2022

Pages: 140

Price: US\$ 2,890.00 (Single User License)

ID: GFE76F2DC343EN

## Abstracts

The global Friction Stir Welding Equipment market was valued at 216.25 Million USD in 2021 and will grow with a CAGR of 6.86% from 2021 to 2027, based on HNY Research newly published report.

The prime objective of this report is to provide the insights on the post COVID-19 impact which will help market players in this field evaluate their business approaches. Also, this report covers market segmentation by major market vendors, types, applications/end users and geography(North America, East Asia, Europe, South Asia, Southeast Asia, Middle East, Africa, Oceania, South America).

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. In the coming years there is an increasing demand for friction stir welding equipment in the regions of North America and Europe that is expected to drive the market for more advanced friction stir welding equipment. Increasing of industrial used fields expenditures, more-intense competition, launches in introducing new products, retrofitting and renovation of old technology, increasing adoption of friction stir welding equipment of APAC will drive growth of the market. Globally, the friction stir welding equipment industry market is relatively concentrated as the manufacturing technology of friction stir welding equipment is high. And some enterprises, like ESAB, Grenzebach Maschinenbau GmbH and Nova-Tech

Engineering etc. are well-known for the wonderful performance of their friction stir welding equipment and related services. At the same time, Europe, occupied 39.42% revenue market share in 2017, is remarkable in the global friction stir welding equipment industry because of their market share and technology status of friction stir welding equipment. The consumption volume of friction stir welding equipment is related to downstream industries and global economy. As there will always be some uncertain in the global economy in the following years, the growth rate of friction stir welding equipment industry may not keep that fast. But it is surely forecasted that the market of friction stir welding equipment is still promising.

By Market Vendors:

ESAB

Grenzebach Maschinenbau GmbH

Nova-Tech Engineering

Beijing FSW

FOOKE GmbH

PaR Systems

Nitto Seiki

General Tool

Sooncable

Gatwick

Stirtec GmbH

Hitachi

PTG

BTI

Valmet

Ekato

Xian Yonghua

Fluiten

James Walker

Huayang Seals

Huhnseal AB

By Types:

Desktop Equipment

Gantry Equipment

By Applications:

Aerospace

Automotive

Shipbuilding

Railways

Key Indicators Analysed

Market Players & Competitor Analysis: The report covers the key players of the industry including Company Profile, Product Specifications, Production Capacity/Sales, Revenue, Price and Gross Margin 2016-2027 & Sales with a thorough analysis of the market's competitive landscape and detailed information on vendors and comprehensive details of factors that will challenge the growth of major market vendors.

**Global and Regional Market Analysis:** The report includes Global & Regional market status and outlook 2016-2027. Further the report provides break down details about each region & countries covered in the report. Identifying its sales, sales volume & revenue forecast. With detailed analysis by types and applications.

**Market Trends:** Market key trends which include Increased Competition and Continuous Innovations.

**Opportunities and Drivers:** Identifying the Growing Demands and New Technology

**Porters Five Force Analysis:** The report provides with the state of competition in industry depending on five basic forces: threat of new entrants, bargaining power of suppliers, bargaining power of buyers, threat of substitute products or services, and existing industry rivalry.

**Key Reasons to Purchase**

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements

## Contents

### 1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Players Covered: Ranking by Friction Stir Welding Equipment Revenue
- 1.4 Market Analysis by Type
  - 1.4.1 Global Friction Stir Welding Equipment Market Size Growth Rate by Type: 2021 VS 2027
  - 1.4.2 Desktop Equipment
  - 1.4.3 Gantry Equipment
- 1.5 Market by Application
  - 1.5.1 Global Friction Stir Welding Equipment Market Share by Application: 2022-2027
  - 1.5.2 Aerospace
  - 1.5.3 Automotive
  - 1.5.4 Shipbuilding
  - 1.5.5 Railways
- 1.6 Study Objectives
- 1.7 Years Considered
- 1.8 Overview of Global Friction Stir Welding Equipment Market
  - 1.8.1 Global Friction Stir Welding Equipment Market Status and Outlook (2016-2027)
  - 1.8.2 North America
  - 1.8.3 East Asia
  - 1.8.4 Europe
  - 1.8.5 South Asia
  - 1.8.6 Southeast Asia
  - 1.8.7 Middle East
  - 1.8.8 Africa
  - 1.8.9 Oceania
  - 1.8.10 South America
  - 1.8.11 Rest of the World

### 2 MARKET COMPETITION BY MANUFACTURERS

- 2.1 Global Friction Stir Welding Equipment Production Capacity Market Share by Manufacturers (2016-2021)
- 2.2 Global Friction Stir Welding Equipment Revenue Market Share by Manufacturers (2016-2021)

2.3 Global Friction Stir Welding Equipment Average Price by Manufacturers (2016-2021)

2.4 Manufacturers Friction Stir Welding Equipment Production Sites, Area Served, Product Type

### **3 SALES BY REGION**

3.1 Global Friction Stir Welding Equipment Sales Volume Market Share by Region (2016-2021)

3.2 Global Friction Stir Welding Equipment Sales Revenue Market Share by Region (2016-2021)

3.3 North America Friction Stir Welding Equipment Sales Volume

3.3.1 North America Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.3.2 North America Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.4 East Asia Friction Stir Welding Equipment Sales Volume

3.4.1 East Asia Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.4.2 East Asia Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.5 Europe Friction Stir Welding Equipment Sales Volume (2016-2021)

3.5.1 Europe Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.5.2 Europe Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.6 South Asia Friction Stir Welding Equipment Sales Volume (2016-2021)

3.6.1 South Asia Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.6.2 South Asia Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.7 Southeast Asia Friction Stir Welding Equipment Sales Volume (2016-2021)

3.7.1 Southeast Asia Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.7.2 Southeast Asia Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.8 Middle East Friction Stir Welding Equipment Sales Volume (2016-2021)

3.8.1 Middle East Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.8.2 Middle East Friction Stir Welding Equipment Sales Volume Capacity, Revenue,

Price and Gross Margin (2016-2021)

3.9 Africa Friction Stir Welding Equipment Sales Volume (2016-2021)

3.9.1 Africa Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.9.2 Africa Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.10 Oceania Friction Stir Welding Equipment Sales Volume (2016-2021)

3.10.1 Oceania Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.10.2 Oceania Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.11 South America Friction Stir Welding Equipment Sales Volume (2016-2021)

3.11.1 South America Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.11.2 South America Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

3.12 Rest of the World Friction Stir Welding Equipment Sales Volume (2016-2021)

3.12.1 Rest of the World Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

3.12.2 Rest of the World Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

## **4 NORTH AMERICA**

4.1 North America Friction Stir Welding Equipment Consumption by Countries

4.2 United States

4.3 Canada

4.4 Mexico

## **5 EAST ASIA**

5.1 East Asia Friction Stir Welding Equipment Consumption by Countries

5.2 China

5.3 Japan

5.4 South Korea

## **6 EUROPE**

6.1 Europe Friction Stir Welding Equipment Consumption by Countries

6.2 Germany

6.3 United Kingdom

6.4 France

6.5 Italy

6.6 Russia

6.7 Spain

6.8 Netherlands

6.9 Switzerland

6.10 Poland

## **7 SOUTH ASIA**

7.1 South Asia Friction Stir Welding Equipment Consumption by Countries

7.2 India

7.3 Pakistan

7.4 Bangladesh

## **8 SOUTHEAST ASIA**

8.1 Southeast Asia Friction Stir Welding Equipment Consumption by Countries

8.2 Indonesia

8.3 Thailand

8.4 Singapore

8.5 Malaysia

8.6 Philippines

8.7 Vietnam

8.8 Myanmar

## **9 MIDDLE EAST**

9.1 Middle East Friction Stir Welding Equipment Consumption by Countries

9.2 Turkey

9.3 Saudi Arabia

9.4 Iran

9.5 United Arab Emirates

9.6 Israel

9.7 Iraq

9.8 Qatar

9.9 Kuwait

9.10 Oman



## **10 AFRICA**

10.1 Africa Friction Stir Welding Equipment Consumption by Countries

10.2 Nigeria

10.3 South Africa

10.4 Egypt

10.5 Algeria

10.6 Morocco

## **11 OCEANIA**

11.1 Oceania Friction Stir Welding Equipment Consumption by Countries

11.2 Australia

11.3 New Zealand

## **12 SOUTH AMERICA**

12.1 South America Friction Stir Welding Equipment Consumption by Countries

12.2 Brazil

12.3 Argentina

12.4 Columbia

12.5 Chile

12.6 Venezuela

12.7 Peru

12.8 Puerto Rico

12.9 Ecuador

## **13 REST OF THE WORLD**

13.1 Rest of the World Friction Stir Welding Equipment Consumption by Countries

13.2 Kazakhstan

## **14 SALES VOLUME, SALES REVENUE, SALES PRICE TREND BY TYPE**

14.1 Global Friction Stir Welding Equipment Sales Volume Market Share by Type  
(2016-2021)

14.2 Global Friction Stir Welding Equipment Sales Revenue Market Share by Type  
(2016-2021)

### 14.3 Global Friction Stir Welding Equipment Sales Price by Type (2016-2021)

## **15 CONSUMPTION ANALYSIS BY APPLICATION**

### 15.1 Global Friction Stir Welding Equipment Consumption Volume by Application (2016-2021)

### 15.2 Global Friction Stir Welding Equipment Consumption Value by Application (2016-2021)

## **16 COMPANY PROFILES AND KEY FIGURES IN FRICTION STIR WELDING EQUIPMENT BUSINESS**

### 16.1 ESAB

#### 16.1.1 ESAB Company Profile

#### 16.1.2 ESAB Friction Stir Welding Equipment Product Specification

#### 16.1.3 ESAB Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

### 16.2 Grenzebach Maschinenbau GmbH

#### 16.2.1 Grenzebach Maschinenbau GmbH Company Profile

#### 16.2.2 Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Product Specification

#### 16.2.3 Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

### 16.3 Nova-Tech Engineering

#### 16.3.1 Nova-Tech Engineering Company Profile

#### 16.3.2 Nova-Tech Engineering Friction Stir Welding Equipment Product Specification

#### 16.3.3 Nova-Tech Engineering Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

### 16.4 Beijing FSW

#### 16.4.1 Beijing FSW Company Profile

#### 16.4.2 Beijing FSW Friction Stir Welding Equipment Product Specification

#### 16.4.3 Beijing FSW Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

### 16.5 FOOKE GmbH

#### 16.5.1 FOOKE GmbH Company Profile

#### 16.5.2 FOOKE GmbH Friction Stir Welding Equipment Product Specification

#### 16.5.3 FOOKE GmbH Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

### 16.6 PaR Systems

- 16.6.1 PaR Systems Company Profile
- 16.6.2 PaR Systems Friction Stir Welding Equipment Product Specification
- 16.6.3 PaR Systems Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.7 Nitto Seiki
  - 16.7.1 Nitto Seiki Company Profile
  - 16.7.2 Nitto Seiki Friction Stir Welding Equipment Product Specification
  - 16.7.3 Nitto Seiki Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.8 General Tool
  - 16.8.1 General Tool Company Profile
  - 16.8.2 General Tool Friction Stir Welding Equipment Product Specification
  - 16.8.3 General Tool Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.9 Sooncable
  - 16.9.1 Sooncable Company Profile
  - 16.9.2 Sooncable Friction Stir Welding Equipment Product Specification
  - 16.9.3 Sooncable Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.10 Gatwick
  - 16.10.1 Gatwick Company Profile
  - 16.10.2 Gatwick Friction Stir Welding Equipment Product Specification
  - 16.10.3 Gatwick Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.11 Stirtec Gmbh
  - 16.11.1 Stirtec Gmbh Company Profile
  - 16.11.2 Stirtec Gmbh Friction Stir Welding Equipment Product Specification
  - 16.11.3 Stirtec Gmbh Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.12 Hitachi
  - 16.12.1 Hitachi Company Profile
  - 16.12.2 Hitachi Friction Stir Welding Equipment Product Specification
  - 16.12.3 Hitachi Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)
- 16.13 PTG
  - 16.13.1 PTG Company Profile
  - 16.13.2 PTG Friction Stir Welding Equipment Product Specification
  - 16.13.3 PTG Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.14 BTI

16.14.1 BTI Company Profile

16.14.2 BTI Friction Stir Welding Equipment Product Specification

16.14.3 BTI Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.15 Valmet

16.15.1 Valmet Company Profile

16.15.2 Valmet Friction Stir Welding Equipment Product Specification

16.15.3 Valmet Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.16 Ekato

16.16.1 Ekato Company Profile

16.16.2 Ekato Friction Stir Welding Equipment Product Specification

16.16.3 Ekato Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.17 Xian Yonghua

16.17.1 Xian Yonghua Company Profile

16.17.2 Xian Yonghua Friction Stir Welding Equipment Product Specification

16.17.3 Xian Yonghua Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.18 Fluiten

16.18.1 Fluiten Company Profile

16.18.2 Fluiten Friction Stir Welding Equipment Product Specification

16.18.3 Fluiten Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.19 James Walker

16.19.1 James Walker Company Profile

16.19.2 James Walker Friction Stir Welding Equipment Product Specification

16.19.3 James Walker Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.20 Huayang Seals

16.20.1 Huayang Seals Company Profile

16.20.2 Huayang Seals Friction Stir Welding Equipment Product Specification

16.20.3 Huayang Seals Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

## 16.21 Huhnseal AB

16.21.1 Huhnseal AB Company Profile

16.21.2 Huhnseal AB Friction Stir Welding Equipment Product Specification

16.21.3 Huhnseal AB Friction Stir Welding Equipment Production Capacity, Revenue,

Price and Gross Margin (2016-2021)

## **17 FRICTION STIR WELDING EQUIPMENT MANUFACTURING COST ANALYSIS**

17.1 Friction Stir Welding Equipment Key Raw Materials Analysis

17.1.1 Key Raw Materials

17.2 Proportion of Manufacturing Cost Structure

17.3 Manufacturing Process Analysis of Friction Stir Welding Equipment

17.4 Friction Stir Welding Equipment Industrial Chain Analysis

## **18 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS**

18.1 Marketing Channel

18.2 Friction Stir Welding Equipment Distributors List

18.3 Friction Stir Welding Equipment Customers

## **19 MARKET DYNAMICS**

19.1 Market Trends

19.2 Opportunities and Drivers

19.3 Challenges

19.4 Porter's Five Forces Analysis

## **20 PRODUCTION AND SUPPLY FORECAST**

20.1 Global Forecasted Production of Friction Stir Welding Equipment (2022-2027)

20.2 Global Forecasted Revenue of Friction Stir Welding Equipment (2022-2027)

20.3 Global Forecasted Price of Friction Stir Welding Equipment (2016-2027)

20.4 Global Forecasted Production of Friction Stir Welding Equipment by Region (2022-2027)

20.4.1 North America Friction Stir Welding Equipment Production, Revenue Forecast (2022-2027)

20.4.2 East Asia Friction Stir Welding Equipment Production, Revenue Forecast (2022-2027)

20.4.3 Europe Friction Stir Welding Equipment Production, Revenue Forecast (2022-2027)

20.4.4 South Asia Friction Stir Welding Equipment Production, Revenue Forecast (2022-2027)

20.4.5 Southeast Asia Friction Stir Welding Equipment Production, Revenue Forecast

(2022-2027)

20.4.6 Middle East Friction Stir Welding Equipment Production, Revenue Forecast

(2022-2027)

20.4.7 Africa Friction Stir Welding Equipment Production, Revenue Forecast

(2022-2027)

20.4.8 Oceania Friction Stir Welding Equipment Production, Revenue Forecast

(2022-2027)

20.4.9 South America Friction Stir Welding Equipment Production, Revenue Forecast

(2022-2027)

20.4.10 Rest of the World Friction Stir Welding Equipment Production, Revenue Forecast (2022-2027)

20.5 Forecast by Type and by Application (2022-2027)

20.5.1 Global Sales Volume, Sales Revenue and Sales Price Forecast by Type (2022-2027)

20.5.2 Global Forecasted Consumption of Friction Stir Welding Equipment by Application (2022-2027)

## **21 CONSUMPTION AND DEMAND FORECAST**

21.1 North America Forecasted Consumption of Friction Stir Welding Equipment by Country

21.2 East Asia Market Forecasted Consumption of Friction Stir Welding Equipment by Country

21.3 Europe Market Forecasted Consumption of Friction Stir Welding Equipment by Country

21.4 South Asia Forecasted Consumption of Friction Stir Welding Equipment by Country

21.5 Southeast Asia Forecasted Consumption of Friction Stir Welding Equipment by Country

21.6 Middle East Forecasted Consumption of Friction Stir Welding Equipment by Country

21.7 Africa Forecasted Consumption of Friction Stir Welding Equipment by Country

21.8 Oceania Forecasted Consumption of Friction Stir Welding Equipment by Country

21.9 South America Forecasted Consumption of Friction Stir Welding Equipment by Country

21.10 Rest of the world Forecasted Consumption of Friction Stir Welding Equipment by Country

## **22 RESEARCH FINDINGS AND CONCLUSION**

## **23 METHODOLOGY AND DATA SOURCE**

### 23.1 Methodology/Research Approach

#### 23.1.1 Research Programs/Design

#### 23.1.2 Market Size Estimation

#### 23.1.3 Market Breakdown and Data Triangulation

### 23.2 Data Source

#### 23.2.1 Secondary Sources

#### 23.2.2 Primary Sources

### 23.3 Disclaimer

## List Of Tables

### LIST OF TABLES AND FIGURES

Key Players Covered: Ranking by Friction Stir Welding Equipment Revenue (US\$ Million) 2016-2021

Global Friction Stir Welding Equipment Market Size by Type (US\$ Million): 2022-2027

Global Friction Stir Welding Equipment Market Size by Application (US\$ Million): 2022-2027

Global Friction Stir Welding Equipment Production Capacity by Manufacturers

Global Friction Stir Welding Equipment Production by Manufacturers (2016-2021)

Global Friction Stir Welding Equipment Production Market Share by Manufacturers (2016-2021)

Global Friction Stir Welding Equipment Revenue by Manufacturers (2016-2021)

Global Friction Stir Welding Equipment Revenue Share by Manufacturers (2016-2021)

Global Market Friction Stir Welding Equipment Average Price of Key Manufacturers (2016-2021)

Manufacturers Friction Stir Welding Equipment Production Sites and Area Served

Manufacturers Friction Stir Welding Equipment Product Type

Global Friction Stir Welding Equipment Sales Volume by Region (2016-2021)

Global Friction Stir Welding Equipment Sales Volume Market Share by Region (2016-2021)

Global Friction Stir Welding Equipment Sales Revenue by Region (2016-2021)

Global Friction Stir Welding Equipment Sales Revenue Market Share by Region (2016-2021)



North America Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

East Asia Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Europe Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South Asia Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Southeast Asia Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Middle East Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Africa Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Oceania Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

South America Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

Rest of the World Friction Stir Welding Equipment Sales Volume Capacity, Revenue, Price and Gross Margin (2016-2021)

North America Friction Stir Welding Equipment Consumption by Countries (2016-2021)

East Asia Friction Stir Welding Equipment Consumption by Countries (2016-2021)

Europe Friction Stir Welding Equipment Consumption by Region (2016-2021)

South Asia Friction Stir Welding Equipment Consumption by Countries (2016-2021)

Southeast Asia Friction Stir Welding Equipment Consumption by Countries (2016-2021)

Middle East Friction Stir Welding Equipment Consumption by Countries (2016-2021)

Africa Friction Stir Welding Equipment Consumption by Countries (2016-2021)

Oceania Friction Stir Welding Equipment Consumption by Countries (2016-2021)

South America Friction Stir Welding Equipment Consumption by Countries (2016-2021)

Rest of the World Friction Stir Welding Equipment Consumption by Countries  
(2016-2021)

Global Friction Stir Welding Equipment Sales Volume by Type (2016-2021)

Global Friction Stir Welding Equipment Sales Volume Market Share by Type  
(2016-2021)

Global Friction Stir Welding Equipment Sales Revenue by Type (2016-2021)

Global Friction Stir Welding Equipment Sales Revenue Share by Type (2016-2021)

Global Friction Stir Welding Equipment Sales Price by Type (2016-2021)

Global Friction Stir Welding Equipment Consumption Volume by Application  
(2016-2021)

Global Friction Stir Welding Equipment Consumption Volume Market Share by  
Application (2016-2021)

Global Friction Stir Welding Equipment Consumption Value by Application (2016-2021)

Global Friction Stir Welding Equipment Consumption Value Market Share by Application  
(2016-2021)

ESAB Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross  
Margin (2016-2021)

Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Production  
Capacity, Revenue, Price and Gross Margin (2016-2021)

Nova-Tech Engineering Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Table Beijing FSW Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

FOOKE GmbH Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

PaR Systems Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Nitto Seiki Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

General Tool Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Sooncable Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Gatwick Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Stirtec GmbH Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Hitachi Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

PTG Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

BTI Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Valmet Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Ekato Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Xian Yonghua Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Fluiten Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

James Walker Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Huayang Seals Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Huhnseal AB Friction Stir Welding Equipment Production Capacity, Revenue, Price and Gross Margin (2016-2021)

Friction Stir Welding Equipment Distributors List

Friction Stir Welding Equipment Customers List

Market Key Trends

Key Opportunities and Drivers: Impact Analysis (2022-2027)

Key Challenges

Global Friction Stir Welding Equipment Production Forecast by Region (2022-2027)

Global Friction Stir Welding Equipment Sales Volume Forecast by Type (2022-2027)

Global Friction Stir Welding Equipment Sales Volume Market Share Forecast by Type (2022-2027)

Global Friction Stir Welding Equipment Sales Revenue Forecast by Type (2022-2027)

Global Friction Stir Welding Equipment Sales Revenue Market Share Forecast by Type

(2022-2027)

Global Friction Stir Welding Equipment Sales Price Forecast by Type (2022-2027)

Global Friction Stir Welding Equipment Consumption Volume Forecast by Application (2022-2027)

Global Friction Stir Welding Equipment Consumption Value Forecast by Application (2022-2027)

North America Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

East Asia Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

Europe Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

South Asia Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

Southeast Asia Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

Middle East Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

Africa Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

Oceania Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

South America Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

Rest of the world Friction Stir Welding Equipment Consumption Forecast 2022-2027 by Country

Research Programs/Design for This Report

Key Data Information from Secondary Sources

Key Data Information from Primary Sources

Global Friction Stir Welding Equipment Market Share by Type: 2021 VS 2027

Desktop Equipment Features

Gantry Equipment Features

Global Friction Stir Welding Equipment Market Share by Application: 2021 VS 2027

Aerospace Case Studies

Automotive Case Studies

Shipbuilding Case Studies

Railways Case Studies

Friction Stir Welding Equipment Report Years Considered

Global Friction Stir Welding Equipment Market Status and Outlook (2016-2027)

North America Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

East Asia Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

Europe Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

South Asia Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

South America Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

Middle East Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

Africa Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

Oceania Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

South America Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

Rest of the World Friction Stir Welding Equipment Revenue (Value) and Growth Rate (2016-2027)

North America Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

East Asia Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

Europe Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

South Asia Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

Southeast Asia Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

Middle East Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

Africa Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

Oceania Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

South America Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

Rest of the World Friction Stir Welding Equipment Sales Volume Growth Rate (2016-2021)

North America Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

North America Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

United States Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Canada Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Mexico Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

East Asia Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

East Asia Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

China Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Japan Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

South Korea Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Europe Friction Stir Welding Equipment Consumption and Growth Rate

Europe Friction Stir Welding Equipment Consumption Market Share by Region in 2021

Germany Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

United Kingdom Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

France Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Italy Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Russia Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)



Spain Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Netherlands Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Switzerland Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Poland Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

South Asia Friction Stir Welding Equipment Consumption and Growth Rate

South Asia Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

India Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Pakistan Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Bangladesh Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Southeast Asia Friction Stir Welding Equipment Consumption and Growth Rate

Southeast Asia Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

Indonesia Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Thailand Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Singapore Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Malaysia Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Philippines Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Vietnam Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Myanmar Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Middle East Friction Stir Welding Equipment Consumption and Growth Rate

Middle East Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

Turkey Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Saudi Arabia Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Iran Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

United Arab Emirates Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Israel Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Iraq Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Qatar Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Kuwait Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Oman Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Africa Friction Stir Welding Equipment Consumption and Growth Rate

Africa Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

Nigeria Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

South Africa Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Egypt Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Algeria Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Morocco Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Oceania Friction Stir Welding Equipment Consumption and Growth Rate

Oceania Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

Australia Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

New Zealand Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

South America Friction Stir Welding Equipment Consumption and Growth Rate

South America Friction Stir Welding Equipment Consumption Market Share by Countries in 2021

Brazil Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Argentina Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Columbia Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Chile Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Venezuela Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Peru Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Puerto Rico Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Ecuador Friction Stir Welding Equipment Consumption and Growth Rate (2016-2021)

Rest of the World Friction Stir Welding Equipment Consumption and Growth Rate

Rest of the World Friction Stir Welding Equipment Consumption Market Share by

Countries in 2021

Kazakhstan Friction Stir Welding Equipment Consumption and Growth Rate  
(2016-2021)

Sales Market Share of Friction Stir Welding Equipment by Type in 2021

Sales Revenue Market Share of Friction Stir Welding Equipment by Type in 2021

Global Friction Stir Welding Equipment Consumption Volume Market Share by  
Application in 2021

ESAB Friction Stir Welding Equipment Product Specification

Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Product  
Specification

Nova-Tech Engineering Friction Stir Welding Equipment Product Specification

Beijing FSW Friction Stir Welding Equipment Product Specification

FOOKE GmbH Friction Stir Welding Equipment Product Specification

PaR Systems Friction Stir Welding Equipment Product Specification

Nitto Seiki Friction Stir Welding Equipment Product Specification

General Tool Friction Stir Welding Equipment Product Specification

Sooncable Friction Stir Welding Equipment Product Specification

Gatwick Friction Stir Welding Equipment Product Specification

Stirtec GmbH Friction Stir Welding Equipment Product Specification

Hitachi Friction Stir Welding Equipment Product Specification

PTG Friction Stir Welding Equipment Product Specification

BTI Friction Stir Welding Equipment Product Specification

Valmet Friction Stir Welding Equipment Product Specification

Ekato Friction Stir Welding Equipment Product Specification

Xian Yonghua Friction Stir Welding Equipment Product Specification

Fluiten Friction Stir Welding Equipment Product Specification

James Walker Friction Stir Welding Equipment Product Specification

Huayang Seals Friction Stir Welding Equipment Product Specification

Huhnseal AB Friction Stir Welding Equipment Product Specification

Manufacturing Cost Structure of Friction Stir Welding Equipment

Manufacturing Process Analysis of Friction Stir Welding Equipment

Friction Stir Welding Equipment Industrial Chain Analysis

Channels of Distribution

Distributors Profiles

Porter's Five Forces Analysis

Global Friction Stir Welding Equipment Production Capacity Growth Rate Forecast  
(2022-2027)

Global Friction Stir Welding Equipment Revenue Growth Rate Forecast (2022-2027)

Global Friction Stir Welding Equipment Price and Trend Forecast (2016-2027)

North America Friction Stir Welding Equipment Production Growth Rate Forecast  
(2022-2027)

North America Friction Stir Welding Equipment Revenue Growth Rate Forecast

(2022-2027)

East Asia Friction Stir Welding Equipment Production Growth Rate Forecast  
(2022-2027)

East Asia Friction Stir Welding Equipment Revenue Growth Rate Forecast (2022-2027)

Europe Friction Stir Welding Equipment Production Growth Rate Forecast (2022-2027)

Europe Friction Stir Welding Equipment Revenue Growth Rate Forecast (2022-2027)

South Asia Friction Stir Welding Equipment Production Growth Rate Forecast  
(2022-2027)

South Asia Friction Stir Welding Equipment Revenue Growth Rate Forecast  
(2022-2027)

Southeast Asia Friction Stir Welding Equipment Production Growth Rate Forecast  
(2022-2027)

Southeast Asia Friction Stir Welding Equipment Revenue Growth Rate Forecast  
(2022-2027)

Middle East Friction Stir Welding Equipment Production Growth Rate Forecast  
(2022-2027)

Middle East Friction Stir Welding Equipment Revenue Growth Rate Forecast  
(2022-2027)

Africa Friction Stir Welding Equipment Production Growth Rate Forecast (2022-2027)

Africa Friction Stir Welding Equipment Revenue Growth Rate Forecast (2022-2027)

Oceania Friction Stir Welding Equipment Production Growth Rate Forecast (2022-2027)

Oceania Friction Stir Welding Equipment Revenue Growth Rate Forecast (2022-2027)

South America Friction Stir Welding Equipment Production Growth Rate Forecast  
(2022-2027)

South America Friction Stir Welding Equipment Revenue Growth Rate Forecast  
(2022-2027)

Rest of the World Friction Stir Welding Equipment Production Growth Rate Forecast  
(2022-2027)

Rest of the World Friction Stir Welding Equipment Revenue Growth Rate Forecast  
(2022-2027)

North America Friction Stir Welding Equipment Consumption Forecast 2022-2027

East Asia Friction Stir Welding Equipment Consumption Forecast 2022-2027

Europe Friction Stir Welding Equipment Consumption Forecast 2022-2027

South Asia Friction Stir Welding Equipment Consumption Forecast 2022-2027

Southeast Asia Friction Stir Welding Equipment Consumption Forecast 2022-2027

Middle East Friction Stir Welding Equipment Consumption Forecast 2022-2027

Africa Friction Stir Welding Equipment Consumption Forecast 2022-2027

Oceania Friction Stir Welding Equipment Consumption Forecast 2022-2027

South America Friction Stir Welding Equipment Consumption Forecast 2022-2027

Rest of the world Friction Stir Welding Equipment Consumption Forecast 2022-2027

Bottom-up and Top-down Approaches for This Report

## I would like to order

Product name: Global Friction Stir Welding Equipment Market Research Report 2022 Professional Edition

Product link: <https://marketpublishers.com/r/GFE76F2DC343EN.html>

Price: US\$ 2,890.00 (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/GFE76F2DC343EN.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



