

# Global Friction Stir Welding Equipment Market Research Report 2026(Status and Outlook)

<https://marketpublishers.com/r/G3B4FC2AFA9DEN.html>

Date: March 2026

Pages: 176

Price: US\$ 3,200.00 (Single User License)

ID: G3B4FC2AFA9DEN

## Abstracts

The 2025 U.S. tariff policies introduce profound uncertainty into the global economic landscape. This report critically examines the implications of recent tariff adjustments and international strategic countermeasures on Friction Stir Welding Equipment competitive dynamics, regional economic interdependencies, and supply chain reconfigurations. In 2024, global FSW Machine production capacity is 3,000 units, with production reached approximately 2,300 units, with an average global market price of around US\$ 173,000 per unit. The market gross margin is mainly 30%-40%. 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 friction stir welding (FSW) machine industry chain can be divided into three main segments: upstream key component manufacturing, midstream equipment integration and system control, and downstream application industries. The upstream segment mainly includes high-performance servo motors, spindle systems, hydraulic/electro-hydraulic drive units, welding head and stirring pin materials (PCBN, W-Re, Si<sub>3</sub>N<sub>4</sub>, etc.), high-rigidity machine tool structural components, and sensing modules. Representative companies include Bosch Rexroth, THK, Moog, Schunk, and Kennametal. The midstream segment is handled by welding machine system integrators, who integrate mechanical, hydraulic, electrical, force control, and software algorithms to form complete FSW equipment and automated production lines. Major manufacturers include PaR Systems, Stirtec, HAGE, FOOKE, Bond Technologies, Komatsu NTC, and domestic companies such as Aerospace Engineering

Equipment (Suzhou), Ruison Technology, FWS, and Ningbo Youzhi. Downstream application areas cover aerospace (rocket fuel tanks, wings), rail transportation (aluminum alloy car bodies), shipbuilding, automobiles (battery trays, chassis components), and new energy equipment. The overall industry chain is characterized by "dual-driven materials and control technologies", and future development will focus on multi-axis intelligence, dual-head/adaptive welding heads, high-temperature alloy applications and integrated automatic detection. Global key manufacturers of friction stir welding (FSW) machine include Grenzebach Maschinenbau GmbH, Nova-Tech Engineering, Beijing FSW, FOOKE GmbH, PaR Systems, etc. The top five players hold a share around 43%. In recent years, with the surge in demand for lightweight materials (aluminum/magnesium alloys, carbon fiber composites) in new energy (electric vehicles, aviation), rail transportation and other fields, FSW has become the preferred technology for welding lightweight structural parts due to its characteristics of no fusion welding defects and high joint strength. Stir friction welding is increasingly used in battery system-related components, motor housings and electronic control boxes, body frames and longitudinal beams, chassis, etc. Hydrogen fuel storage tanks and hydrogen pipelines have extremely high requirements for welding quality, requiring both high strength of the weld to withstand high-pressure environments and excellent corrosion resistance of the material to resist hydrogen penetration and environmental erosion. In this context, stir friction welding (FSW) has become a key technology to promote the application of aluminum alloys in the field of pressure resistance and corrosion resistance with its unique advantages. The development of FSW will be deeply bound to the needs of high value-added industries. Core technology breakthroughs and collaborative innovation across the entire industry chain are the key to its large-scale application. Driven by both policy support (such as the "dual carbon" goals) and market demand, FSW is expected to become one of the core welding technologies in the field of high-end manufacturing?

The global Friction Stir Welding Equipment market size was estimated at USD 404.0 million in 2025 and is projected to grow at a compound annual growth rate (CAGR) of 5.90% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Friction Stir Welding Equipment market, covering all critical facets from a broad macroeconomic overview to detailed micro-level insights. It examines market size, competitive landscape, emerging development trends, niche segments, key drivers and challenges, as well as conducts SWOT and value chain analyses.

The insights provided enable readers to understand the competitive dynamics within the

industry and formulate effective strategies to enhance profitability and market positioning. Additionally, the report presents a clear framework for evaluating the current status and future outlook of business organizations operating in this sector.

A significant focus of this report lies in the competitive landscape of the global Friction Stir Welding Equipment market. It offers detailed profiles of major players, including their market shares, performance metrics, product portfolios, and operational status. This enables stakeholders to identify leading competitors and gain a nuanced understanding of market rivalry and structure.

In summary, this report serves as an essential resource for industry participants, investors, researchers, consultants, and business strategists, as well as anyone planning to enter or expand their presence in the Friction Stir Welding Equipment market.

### **Global Friction Stir Welding Equipment Market: Market Segmentation Analysis**

This research report provides a detailed segmentation of the market by region (country), key manufacturers, product type, and application. Market segmentation divides the overall market into distinct subsets based on factors such as product categories, end-user industries, geographic locations, and other relevant criteria.

A clear understanding of these market segments enables decision-makers to tailor their product development, sales, and marketing strategies more effectively to meet the unique needs of each segment. Leveraging market segmentation insights can significantly enhance targeted approaches, optimize resource allocation, and accelerate product innovation cycles by aligning offerings with the specific demands of diverse customer groups.

### **Key Company**

Aerospace Engineering Equipment (Suzhou) Co., Ltd.  
Beijing Shijiabo Technology Group Co., Ltd.  
Grenzbach Maschinenbau GmbH  
Foswei  
Ningbo Youzhi Machinery Technology Co., Ltd.  
FOOKE GmbH  
Anhui Wanyu Machinery Equipment Technology Co., Ltd.  
PaR Systems, LLC

Hebei Tailizhen Special Technology Co., Ltd.  
Beijing Safe Foster Technology Co., Ltd.  
PTG Holroyd Precision Ltd.  
Bond Technologies, Inc.  
HAGE Sondermaschinenbau GmbH  
Stirtec GmbH  
Komatsu NTC Ltd.  
Hebei Daheng Co., Ltd.  
Yamazaki Mazak Corporation  
Ningbo Jinfeng Welding & Cutting Machinery Manufacturing Co., Ltd.  
Risong Technology Co., Ltd.  
Dongguan Songzhi Technology Co., Ltd.

### **Market Segmentation (by Type)**

Robotic Welding Machine  
Benchtop Welding Machine  
Gantry Welding Machine

### **Market Segmentation (by Application)**

Aerospace  
Automotive  
Shipbuilding  
Railways  
Others

### **Geographic Segmentation**

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)

South America (Brazil, Argentina, Columbia, Rest of South America)

The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa,

Rest of MEA)

### **Key Benefits of This Market Research:**

Industry drivers, restraints, and opportunities covered in the study  
Neutral perspective on the market performance  
Recent industry trends and developments  
Competitive landscape & strategies of key players  
Potential & niche segments and regions exhibiting promising growth covered  
Historical, current, and projected market size, in terms of value  
In-depth analysis of the Friction Stir Welding Equipment Market  
Overview of the regional outlook of the Friction Stir Welding Equipment Market:

### **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

### **Chapter Outline**

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the Friction Stir Welding Equipment Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the

industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of Friction Stir Welding Equipment, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

### **Key Reasons to Buy this Report:**

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

## **Customization of the Report**

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

## Contents

### **1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE**

- 1.1 Market Definition and Statistical Scope of Friction Stir Welding Equipment
- 1.2 Key Market Segments
  - 1.2.1 Friction Stir Welding Equipment Segment by Type
  - 1.2.2 Friction Stir Welding Equipment Segment by Application
- 1.3 Methodology & Sources of Information
  - 1.3.1 Research Methodology
  - 1.3.2 Research Process
  - 1.3.3 Market Breakdown and Data Triangulation
  - 1.3.4 Base Year
  - 1.3.5 Report Assumptions & Caveats

### **2 FRICTION STIR WELDING EQUIPMENT MARKET OVERVIEW**

- 2.1 Global Market Overview
  - 2.1.1 Global Friction Stir Welding Equipment Market Size (M USD) Estimates and Forecasts (2020-2035)
  - 2.1.2 Global Friction Stir Welding Equipment Sales Estimates and Forecasts (2020-2035)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

### **3 FRICTION STIR WELDING EQUIPMENT MARKET COMPETITIVE LANDSCAPE**

- 3.1 Company Assessment Quadrant
- 3.2 Global Friction Stir Welding Equipment Product Life Cycle
- 3.3 Global Friction Stir Welding Equipment Sales by Manufacturers (2020-2025)
- 3.4 Global Friction Stir Welding Equipment Revenue Market Share by Manufacturers (2020-2025)
- 3.5 Friction Stir Welding Equipment Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global Friction Stir Welding Equipment Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 Friction Stir Welding Equipment Market Competitive Situation and Trends
  - 3.8.1 Friction Stir Welding Equipment Market Concentration Rate

3.8.2 Global 5 and 10 Largest Friction Stir Welding Equipment Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

## **4 FRICTION STIR WELDING EQUIPMENT INDUSTRY CHAIN ANALYSIS**

4.1 Friction Stir Welding Equipment Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

## **5 THE DEVELOPMENT AND DYNAMICS OF FRICTION STIR WELDING EQUIPMENT MARKET**

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global Friction Stir Welding Equipment Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to Friction Stir Welding Equipment Market

5.7 ESG Ratings of Leading Companies

## **6 FRICTION STIR WELDING EQUIPMENT MARKET SEGMENTATION BY TYPE**

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global Friction Stir Welding Equipment Sales Market Share by Type (2020-2025)

6.3 Global Friction Stir Welding Equipment Market Size by Type (2020-2025)

6.4 Global Friction Stir Welding Equipment Price by Type (2020-2025)

## **7 FRICTION STIR WELDING EQUIPMENT MARKET SEGMENTATION BY APPLICATION**

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global Friction Stir Welding Equipment Market Sales by Application (2020-2025)

7.3 Global Friction Stir Welding Equipment Market Size (M USD) by Application (2020-2025)

7.4 Global Friction Stir Welding Equipment Sales Growth Rate by Application (2020-2025)

## **8 FRICTION STIR WELDING EQUIPMENT MARKET SALES BY REGION**

8.1 Global Friction Stir Welding Equipment Sales by Region

8.1.1 Global Friction Stir Welding Equipment Sales by Region

8.1.2 Global Friction Stir Welding Equipment Sales Market Share by Region

8.2 Global Friction Stir Welding Equipment Market Size by Region

8.2.1 Global Friction Stir Welding Equipment Market Size by Region

8.2.2 Global Friction Stir Welding Equipment Market Size by Region

8.3 North America

8.3.1 North America Friction Stir Welding Equipment Sales by Country

8.3.2 North America Friction Stir Welding Equipment Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe Friction Stir Welding Equipment Sales by Country

8.4.2 Europe Friction Stir Welding Equipment Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific Friction Stir Welding Equipment Sales by Region

8.5.2 Asia Pacific Friction Stir Welding Equipment Market Size by Region

8.5.3 China Market Overview

8.5.4 Japan Market Overview

- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
  - 8.6.1 South America Friction Stir Welding Equipment Sales by Country
  - 8.6.2 South America Friction Stir Welding Equipment Market Size by Country
  - 8.6.3 Brazil Market Overview
  - 8.6.4 Argentina Market Overview
  - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
  - 8.7.1 Middle East and Africa Friction Stir Welding Equipment Sales by Region
  - 8.7.2 Middle East and Africa Friction Stir Welding Equipment Market Size by Region
  - 8.7.3 Saudi Arabia Market Overview
  - 8.7.4 UAE Market Overview
  - 8.7.5 Egypt Market Overview
  - 8.7.6 Nigeria Market Overview
  - 8.7.7 South Africa Market Overview

## **9 FRICTION STIR WELDING EQUIPMENT MARKET PRODUCTION BY REGION**

- 9.1 Global Production of Friction Stir Welding Equipment by Region(2020-2025)
- 9.2 Global Friction Stir Welding Equipment Revenue Market Share by Region (2020-2025)
- 9.3 Global Friction Stir Welding Equipment Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America Friction Stir Welding Equipment Production
  - 9.4.1 North America Friction Stir Welding Equipment Production Growth Rate (2020-2025)
  - 9.4.2 North America Friction Stir Welding Equipment Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe Friction Stir Welding Equipment Production
  - 9.5.1 Europe Friction Stir Welding Equipment Production Growth Rate (2020-2025)
  - 9.5.2 Europe Friction Stir Welding Equipment Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan Friction Stir Welding Equipment Production (2020-2025)
  - 9.6.1 Japan Friction Stir Welding Equipment Production Growth Rate (2020-2025)
  - 9.6.2 Japan Friction Stir Welding Equipment Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China Friction Stir Welding Equipment Production (2020-2025)

- 9.7.1 China Friction Stir Welding Equipment Production Growth Rate (2020-2025)
- 9.7.2 China Friction Stir Welding Equipment Production, Revenue, Price and Gross Margin (2020-2025)

## **10 KEY COMPANIES PROFILE**

- 10.1 Aerospace Engineering Equipment (Suzhou) Co., Ltd.
  - 10.1.1 Aerospace Engineering Equipment (Suzhou) Co., Ltd. Basic Information
  - 10.1.2 Aerospace Engineering Equipment (Suzhou) Co., Ltd. Friction Stir Welding Equipment Product Overview
  - 10.1.3 Aerospace Engineering Equipment (Suzhou) Co., Ltd. Friction Stir Welding Equipment Product Market Performance
  - 10.1.4 Aerospace Engineering Equipment (Suzhou) Co., Ltd. Business Overview
  - 10.1.5 Aerospace Engineering Equipment (Suzhou) Co., Ltd. SWOT Analysis
  - 10.1.6 Aerospace Engineering Equipment (Suzhou) Co., Ltd. Recent Developments
- 10.2 Beijing Shijiabo Technology Group Co., Ltd.
  - 10.2.1 Beijing Shijiabo Technology Group Co., Ltd. Basic Information
  - 10.2.2 Beijing Shijiabo Technology Group Co., Ltd. Friction Stir Welding Equipment Product Overview
  - 10.2.3 Beijing Shijiabo Technology Group Co., Ltd. Friction Stir Welding Equipment Product Market Performance
  - 10.2.4 Beijing Shijiabo Technology Group Co., Ltd. Business Overview
  - 10.2.5 Beijing Shijiabo Technology Group Co., Ltd. SWOT Analysis
  - 10.2.6 Beijing Shijiabo Technology Group Co., Ltd. Recent Developments
- 10.3 Grenzebach Maschinenbau GmbH
  - 10.3.1 Grenzebach Maschinenbau GmbH Basic Information
  - 10.3.2 Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Product Overview
  - 10.3.3 Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Product Market Performance
  - 10.3.4 Grenzebach Maschinenbau GmbH Business Overview
  - 10.3.5 Grenzebach Maschinenbau GmbH SWOT Analysis
  - 10.3.6 Grenzebach Maschinenbau GmbH Recent Developments
- 10.4 Foswei
  - 10.4.1 Foswei Basic Information
  - 10.4.2 Foswei Friction Stir Welding Equipment Product Overview
  - 10.4.3 Foswei Friction Stir Welding Equipment Product Market Performance
  - 10.4.4 Foswei Business Overview
  - 10.4.5 Foswei Recent Developments

## 10.5 Ningbo Youzhi Machinery Technology Co., Ltd.

10.5.1 Ningbo Youzhi Machinery Technology Co., Ltd. Basic Information

10.5.2 Ningbo Youzhi Machinery Technology Co., Ltd. Friction Stir Welding Equipment Product Overview

10.5.3 Ningbo Youzhi Machinery Technology Co., Ltd. Friction Stir Welding Equipment Product Market Performance

10.5.4 Ningbo Youzhi Machinery Technology Co., Ltd. Business Overview

10.5.5 Ningbo Youzhi Machinery Technology Co., Ltd. Recent Developments

## 10.6 FOOKE GmbH

10.6.1 FOOKE GmbH Basic Information

10.6.2 FOOKE GmbH Friction Stir Welding Equipment Product Overview

10.6.3 FOOKE GmbH Friction Stir Welding Equipment Product Market Performance

10.6.4 FOOKE GmbH Business Overview

10.6.5 FOOKE GmbH Recent Developments

## 10.7 Anhui Wanyu Machinery Equipment Technology Co., Ltd.

10.7.1 Anhui Wanyu Machinery Equipment Technology Co., Ltd. Basic Information

10.7.2 Anhui Wanyu Machinery Equipment Technology Co., Ltd. Friction Stir Welding Equipment Product Overview

10.7.3 Anhui Wanyu Machinery Equipment Technology Co., Ltd. Friction Stir Welding Equipment Product Market Performance

10.7.4 Anhui Wanyu Machinery Equipment Technology Co., Ltd. Business Overview

10.7.5 Anhui Wanyu Machinery Equipment Technology Co., Ltd. Recent Developments

## 10.8 PaR Systems, LLC

10.8.1 PaR Systems, LLC Basic Information

10.8.2 PaR Systems, LLC Friction Stir Welding Equipment Product Overview

10.8.3 PaR Systems, LLC Friction Stir Welding Equipment Product Market Performance

10.8.4 PaR Systems, LLC Business Overview

10.8.5 PaR Systems, LLC Recent Developments

## 10.9 Hebei Tailizhen Special Technology Co., Ltd.

10.9.1 Hebei Tailizhen Special Technology Co., Ltd. Basic Information

10.9.2 Hebei Tailizhen Special Technology Co., Ltd. Friction Stir Welding Equipment Product Overview

10.9.3 Hebei Tailizhen Special Technology Co., Ltd. Friction Stir Welding Equipment Product Market Performance

10.9.4 Hebei Tailizhen Special Technology Co., Ltd. Business Overview

10.9.5 Hebei Tailizhen Special Technology Co., Ltd. Recent Developments

## 10.10 Beijing Safe Foster Technology Co., Ltd.

- 10.10.1 Beijing Safe Foster Technology Co., Ltd. Basic Information
- 10.10.2 Beijing Safe Foster Technology Co., Ltd. Friction Stir Welding Equipment Product Overview
- 10.10.3 Beijing Safe Foster Technology Co., Ltd. Friction Stir Welding Equipment Product Market Performance
- 10.10.4 Beijing Safe Foster Technology Co., Ltd. Business Overview
- 10.10.5 Beijing Safe Foster Technology Co., Ltd. Recent Developments
- 10.11 PTG Holroyd Precision Ltd.
  - 10.11.1 PTG Holroyd Precision Ltd. Basic Information
  - 10.11.2 PTG Holroyd Precision Ltd. Friction Stir Welding Equipment Product Overview
  - 10.11.3 PTG Holroyd Precision Ltd. Friction Stir Welding Equipment Product Market Performance
  - 10.11.4 PTG Holroyd Precision Ltd. Business Overview
  - 10.11.5 PTG Holroyd Precision Ltd. Recent Developments
- 10.12 Bond Technologies, Inc.
  - 10.12.1 Bond Technologies, Inc. Basic Information
  - 10.12.2 Bond Technologies, Inc. Friction Stir Welding Equipment Product Overview
  - 10.12.3 Bond Technologies, Inc. Friction Stir Welding Equipment Product Market Performance
  - 10.12.4 Bond Technologies, Inc. Business Overview
  - 10.12.5 Bond Technologies, Inc. Recent Developments
- 10.13 HAGE Sondermaschinenbau GmbH
  - 10.13.1 HAGE Sondermaschinenbau GmbH Basic Information
  - 10.13.2 HAGE Sondermaschinenbau GmbH Friction Stir Welding Equipment Product Overview
  - 10.13.3 HAGE Sondermaschinenbau GmbH Friction Stir Welding Equipment Product Market Performance
  - 10.13.4 HAGE Sondermaschinenbau GmbH Business Overview
  - 10.13.5 HAGE Sondermaschinenbau GmbH Recent Developments
- 10.14 Stirtec GmbH
  - 10.14.1 Stirtec GmbH Basic Information
  - 10.14.2 Stirtec GmbH Friction Stir Welding Equipment Product Overview
  - 10.14.3 Stirtec GmbH Friction Stir Welding Equipment Product Market Performance
  - 10.14.4 Stirtec GmbH Business Overview
  - 10.14.5 Stirtec GmbH Recent Developments
- 10.15 Komatsu NTC Ltd.
  - 10.15.1 Komatsu NTC Ltd. Basic Information
  - 10.15.2 Komatsu NTC Ltd. Friction Stir Welding Equipment Product Overview
  - 10.15.3 Komatsu NTC Ltd. Friction Stir Welding Equipment Product Market

## Performance

10.15.4 Komatsu NTC Ltd. Business Overview

10.15.5 Komatsu NTC Ltd. Recent Developments

## 10.16 Hebei Daheng Co., Ltd.

10.16.1 Hebei Daheng Co., Ltd. Basic Information

10.16.2 Hebei Daheng Co., Ltd. Friction Stir Welding Equipment Product Overview

10.16.3 Hebei Daheng Co., Ltd. Friction Stir Welding Equipment Product Market

## Performance

10.16.4 Hebei Daheng Co., Ltd. Business Overview

10.16.5 Hebei Daheng Co., Ltd. Recent Developments

## 10.17 Yamazaki Mazak Corporation

10.17.1 Yamazaki Mazak Corporation Basic Information

10.17.2 Yamazaki Mazak Corporation Friction Stir Welding Equipment Product

## Overview

10.17.3 Yamazaki Mazak Corporation Friction Stir Welding Equipment Product Market

## Performance

10.17.4 Yamazaki Mazak Corporation Business Overview

10.17.5 Yamazaki Mazak Corporation Recent Developments

## 10.18 Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd.

10.18.1 Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Basic Information

10.18.2 Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Friction Stir Welding Equipment Product Overview

10.18.3 Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Friction Stir Welding Equipment Product Market Performance

10.18.4 Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Business Overview

10.18.5 Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Recent Developments

## 10.19 Risong Technology Co., Ltd.

10.19.1 Risong Technology Co., Ltd. Basic Information

10.19.2 Risong Technology Co., Ltd. Friction Stir Welding Equipment Product

## Overview

10.19.3 Risong Technology Co., Ltd. Friction Stir Welding Equipment Product Market

## Performance

10.19.4 Risong Technology Co., Ltd. Business Overview

10.19.5 Risong Technology Co., Ltd. Recent Developments

## 10.20 Dongguan Songzhi Technology Co., Ltd.

10.20.1 Dongguan Songzhi Technology Co., Ltd. Basic Information

10.20.2 Dongguan Songzhi Technology Co., Ltd. Friction Stir Welding Equipment Product Overview

10.20.3 Dongguan Songzhi Technology Co., Ltd. Friction Stir Welding Equipment Product Market Performance

10.20.4 Dongguan Songzhi Technology Co., Ltd. Business Overview

10.20.5 Dongguan Songzhi Technology Co., Ltd. Recent Developments

## **11 FRICTION STIR WELDING EQUIPMENT MARKET FORECAST BY REGION**

11.1 Global Friction Stir Welding Equipment Market Size Forecast

11.2 Global Friction Stir Welding Equipment Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Friction Stir Welding Equipment Market Size Forecast by Country

11.2.3 Asia Pacific Friction Stir Welding Equipment Market Size Forecast by Region

11.2.4 South America Friction Stir Welding Equipment Market Size Forecast by Country

11.2.5 Middle East and Africa Forecasted Sales of Friction Stir Welding Equipment by Country

## **12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2035)**

12.1 Global Friction Stir Welding Equipment Market Forecast by Type (2026-2035)

12.1.1 Global Forecasted Sales of Friction Stir Welding Equipment by Type (2026-2035)

12.1.2 Global Friction Stir Welding Equipment Market Size Forecast by Type (2026-2035)

12.1.3 Global Forecasted Price of Friction Stir Welding Equipment by Type (2026-2035)

12.2 Global Friction Stir Welding Equipment Market Forecast by Application (2026-2035)

12.2.1 Global Friction Stir Welding Equipment Sales (K Units) Forecast by Application

12.2.2 Global Friction Stir Welding Equipment Market Size (M USD) Forecast by Application (2026-2035)

## **13 CONCLUSION AND KEY FINDINGS**

## List Of Tables

### LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Global Friction Stir Welding Equipment Market Size by Type (M USD)

Table 4. Global Friction Stir Welding Equipment Market Size by Application

Table 5. Friction Stir Welding Equipment Market Size Comparison by Region (M USD)

Table 6. Global Friction Stir Welding Equipment Sales (K Units) by Manufacturers (2020-2025)

Table 7. Global Friction Stir Welding Equipment Sales Market Share by Manufacturers (2020-2025)

Table 8. Global Friction Stir Welding Equipment Revenue (M USD) by Manufacturers (2020-2025)

Table 9. Global Friction Stir Welding Equipment Revenue Share by Manufacturers (2020-2025)

Table 10. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Friction Stir Welding Equipment as of 2025)

Table 11. Global Market Friction Stir Welding Equipment Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 12. Manufacturers? Manufacturing Sites, Areas Served

Table 13. Manufacturers? Product Type

Table 14. Global Friction Stir Welding Equipment Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 15. Mergers & Acquisitions, Expansion Plans

Table 16. Market Overview of Key Raw Materials

Table 17. Midstream Market Analysis

Table 18. Downstream Customer Analysis

Table 19. Key Development Trends

Table 20. Driving Factors

Table 21. Friction Stir Welding Equipment Market Challenges

Table 22. Goldman Sachs' forecast real GDP growth rate for 2025-2026

Table 23. S&P Global ' Forecast Real GDP Growth Rate For 2025-2027

Table 24. World Bank ' Forecast Real GDP Growth Rate For 2025-2026

Table 25. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 26. Global Friction Stir Welding Equipment Sales by Type (K Units)

Table 27. Global Friction Stir Welding Equipment Market Size by Type (M USD)

- Table 28. Global Friction Stir Welding Equipment Sales (K Units) by Type (2020-2025)
- Table 29. Global Friction Stir Welding Equipment Sales Market Share by Type (2020-2025)
- Table 30. Global Friction Stir Welding Equipment Market Size (M USD) by Type (2020-2025)
- Table 31. Global Friction Stir Welding Equipment Market Share by Type (2020-2025)
- Table 32. Global Friction Stir Welding Equipment Price (USD/Unit) by Type (2020-2025)
- Table 33. Global Friction Stir Welding Equipment Sales (K Units) by Application
- Table 34. Global Friction Stir Welding Equipment Market Size by Application
- Table 35. Global Friction Stir Welding Equipment Sales by Application (2020-2025) & (K Units)
- Table 36. Global Friction Stir Welding Equipment Sales Market Share by Application (2020-2025)
- Table 37. Global Friction Stir Welding Equipment Market Size by Application (2020-2025) & (M USD)
- Table 38. Global Friction Stir Welding Equipment Market Share by Application (2020-2025)
- Table 39. Global Friction Stir Welding Equipment Sales Growth Rate by Application (2020-2025)
- Table 40. Global Friction Stir Welding Equipment Sales by Region (2020-2025) & (K Units)
- Table 41. Global Friction Stir Welding Equipment Sales Market Share by Region (2020-2025)
- Table 42. Global Friction Stir Welding Equipment Market Size by Region (2020-2025) & (M USD)
- Table 43. Global Friction Stir Welding Equipment Market Size by Region (2020-2025)
- Table 44. North America Friction Stir Welding Equipment Sales by Country (2020-2025) & (K Units)
- Table 45. North America Friction Stir Welding Equipment Market Size by Country (2020-2025) & (M USD)
- Table 46. Europe Friction Stir Welding Equipment Sales by Country (2020-2025) & (K Units)
- Table 47. Europe Friction Stir Welding Equipment Market Size by Country (2020-2025) & (M USD)
- Table 48. Asia Pacific Friction Stir Welding Equipment Sales by Region (2020-2025) & (K Units)
- Table 49. Asia Pacific Friction Stir Welding Equipment Market Size by Region (2020-2025) & (M USD)
- Table 50. South America Friction Stir Welding Equipment Sales by Country (2020-2025)

& (K Units)

Table 51. South America Friction Stir Welding Equipment Market Size by Country (2020-2025) & (M USD)

Table 52. Middle East and Africa Friction Stir Welding Equipment Sales by Region (2020-2025) & (K Units)

Table 53. Middle East and Africa Friction Stir Welding Equipment Market Size by Region (2020-2025) & (M USD)

Table 54. Global Friction Stir Welding Equipment Production (K Units) by Region(2020-2025)

Table 55. Global Friction Stir Welding Equipment Revenue (US\$ Million) by Region (2020-2025)

Table 56. Global Friction Stir Welding Equipment Revenue Market Share by Region (2020-2025)

Table 57. Global Friction Stir Welding Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. North America Friction Stir Welding Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Europe Friction Stir Welding Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. Japan Friction Stir Welding Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. China Friction Stir Welding Equipment Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 62. Aerospace Engineering Equipment (Suzhou) Co., Ltd. Basic Information

Table 63. Aerospace Engineering Equipment (Suzhou) Co., Ltd. Friction Stir Welding Equipment Product Overview

Table 64. Aerospace Engineering Equipment (Suzhou) Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 65. Aerospace Engineering Equipment (Suzhou) Co., Ltd. Business Overview

Table 66. Aerospace Engineering Equipment (Suzhou) Co., Ltd. SWOT Analysis

Table 67. Aerospace Engineering Equipment (Suzhou) Co., Ltd. Recent Developments

Table 68. Beijing Shijiabo Technology Group Co., Ltd. Basic Information

Table 69. Beijing Shijiabo Technology Group Co., Ltd. Friction Stir Welding Equipment Product Overview

Table 70. Beijing Shijiabo Technology Group Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 71. Beijing Shijiabo Technology Group Co., Ltd. Business Overview

Table 72. Beijing Shijiabo Technology Group Co., Ltd. SWOT Analysis

- Table 73. Beijing Shijiabo Technology Group Co., Ltd. Recent Developments
- Table 74. Grenzebach Maschinenbau GmbH Basic Information
- Table 75. Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Product Overview
- Table 76. Grenzebach Maschinenbau GmbH Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 77. Grenzebach Maschinenbau GmbH Business Overview
- Table 78. Grenzebach Maschinenbau GmbH SWOT Analysis
- Table 79. Grenzebach Maschinenbau GmbH Recent Developments
- Table 80. Foswei Basic Information
- Table 81. Foswei Friction Stir Welding Equipment Product Overview
- Table 82. Foswei Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 83. Foswei Business Overview
- Table 84. Foswei Recent Developments
- Table 85. Ningbo Youzhi Machinery Technology Co., Ltd. Basic Information
- Table 86. Ningbo Youzhi Machinery Technology Co., Ltd. Friction Stir Welding Equipment Product Overview
- Table 87. Ningbo Youzhi Machinery Technology Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 88. Ningbo Youzhi Machinery Technology Co., Ltd. Business Overview
- Table 89. Ningbo Youzhi Machinery Technology Co., Ltd. Recent Developments
- Table 90. FOOKE GmbH Basic Information
- Table 91. FOOKE GmbH Friction Stir Welding Equipment Product Overview
- Table 92. FOOKE GmbH Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 93. FOOKE GmbH Business Overview
- Table 94. FOOKE GmbH Recent Developments
- Table 95. Anhui Wanyu Machinery Equipment Technology Co., Ltd. Basic Information
- Table 96. Anhui Wanyu Machinery Equipment Technology Co., Ltd. Friction Stir Welding Equipment Product Overview
- Table 97. Anhui Wanyu Machinery Equipment Technology Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 98. Anhui Wanyu Machinery Equipment Technology Co., Ltd. Business Overview
- Table 99. Anhui Wanyu Machinery Equipment Technology Co., Ltd. Recent Developments
- Table 100. PaR Systems, LLC Basic Information

Table 101. PaR Systems, LLC Friction Stir Welding Equipment Product Overview

Table 102. PaR Systems, LLC Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 103. PaR Systems, LLC Business Overview

Table 104. PaR Systems, LLC Recent Developments

Table 105. Hebei Tailizhen Special Technology Co., Ltd. Basic Information

Table 106. Hebei Tailizhen Special Technology Co., Ltd. Friction Stir Welding Equipment Product Overview

Table 107. Hebei Tailizhen Special Technology Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 108. Hebei Tailizhen Special Technology Co., Ltd. Business Overview

Table 109. Hebei Tailizhen Special Technology Co., Ltd. Recent Developments

Table 110. Beijing Safe Foster Technology Co., Ltd. Basic Information

Table 111. Beijing Safe Foster Technology Co., Ltd. Friction Stir Welding Equipment Product Overview

Table 112. Beijing Safe Foster Technology Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 113. Beijing Safe Foster Technology Co., Ltd. Business Overview

Table 114. Beijing Safe Foster Technology Co., Ltd. Recent Developments

Table 115. PTG Holroyd Precision Ltd. Basic Information

Table 116. PTG Holroyd Precision Ltd. Friction Stir Welding Equipment Product Overview

Table 117. PTG Holroyd Precision Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 118. PTG Holroyd Precision Ltd. Business Overview

Table 119. PTG Holroyd Precision Ltd. Recent Developments

Table 120. Bond Technologies, Inc. Basic Information

Table 121. Bond Technologies, Inc. Friction Stir Welding Equipment Product Overview

Table 122. Bond Technologies, Inc. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 123. Bond Technologies, Inc. Business Overview

Table 124. Bond Technologies, Inc. Recent Developments

Table 125. HAGE Sondermaschinenbau GmbH Basic Information

Table 126. HAGE Sondermaschinenbau GmbH Friction Stir Welding Equipment Product Overview

Table 127. HAGE Sondermaschinenbau GmbH Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 128. HAGE Sondermaschinenbau GmbH Business Overview

- Table 129. HAGE Sondermaschinenbau GmbH Recent Developments
- Table 130. Stirtec GmbH Basic Information
- Table 131. Stirtec GmbH Friction Stir Welding Equipment Product Overview
- Table 132. Stirtec GmbH Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 133. Stirtec GmbH Business Overview
- Table 134. Stirtec GmbH Recent Developments
- Table 135. Komatsu NTC Ltd. Basic Information
- Table 136. Komatsu NTC Ltd. Friction Stir Welding Equipment Product Overview
- Table 137. Komatsu NTC Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 138. Komatsu NTC Ltd. Business Overview
- Table 139. Komatsu NTC Ltd. Recent Developments
- Table 140. Hebei Daheng Co., Ltd. Basic Information
- Table 141. Hebei Daheng Co., Ltd. Friction Stir Welding Equipment Product Overview
- Table 142. Hebei Daheng Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 143. Hebei Daheng Co., Ltd. Business Overview
- Table 144. Hebei Daheng Co., Ltd. Recent Developments
- Table 145. Yamazaki Mazak Corporation Basic Information
- Table 146. Yamazaki Mazak Corporation Friction Stir Welding Equipment Product Overview
- Table 147. Yamazaki Mazak Corporation Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 148. Yamazaki Mazak Corporation Business Overview
- Table 149. Yamazaki Mazak Corporation Recent Developments
- Table 150. Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Basic Information
- Table 151. Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Friction Stir Welding Equipment Product Overview
- Table 152. Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 153. Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Business Overview
- Table 154. Ningbo Jinfeng Welding and Cutting Machinery Manufacturing Co., Ltd. Recent Developments
- Table 155. Risong Technology Co., Ltd. Basic Information
- Table 156. Risong Technology Co., Ltd. Friction Stir Welding Equipment Product

## Overview

Table 157. Risong Technology Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 158. Risong Technology Co., Ltd. Business Overview

Table 159. Risong Technology Co., Ltd. Recent Developments

Table 160. Dongguan Songzhi Technology Co., Ltd. Basic Information

Table 161. Dongguan Songzhi Technology Co., Ltd. Friction Stir Welding Equipment Product Overview

Table 162. Dongguan Songzhi Technology Co., Ltd. Friction Stir Welding Equipment Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 163. Dongguan Songzhi Technology Co., Ltd. Business Overview

Table 164. Dongguan Songzhi Technology Co., Ltd. Recent Developments

Table 165. Global Friction Stir Welding Equipment Sales Forecast by Region (2026-2035) & (K Units)

Table 166. Global Friction Stir Welding Equipment Market Size Forecast by Region (2026-2035) & (M USD)

Table 167. North America Friction Stir Welding Equipment Sales Forecast by Country (2026-2035) & (K Units)

Table 168. North America Friction Stir Welding Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 169. Europe Friction Stir Welding Equipment Sales Forecast by Country (2026-2035) & (K Units)

Table 170. Europe Friction Stir Welding Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 171. Asia Pacific Friction Stir Welding Equipment Sales Forecast by Region (2026-2035) & (K Units)

Table 172. Asia Pacific Friction Stir Welding Equipment Market Size Forecast by Region (2026-2035) & (M USD)

Table 173. South America Friction Stir Welding Equipment Sales Forecast by Country (2026-2035) & (K Units)

Table 174. South America Friction Stir Welding Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 175. Middle East and Africa Friction Stir Welding Equipment Sales Forecast by Country (2026-2035) & (Units)

Table 176. Middle East and Africa Friction Stir Welding Equipment Market Size Forecast by Country (2026-2035) & (M USD)

Table 177. Global Friction Stir Welding Equipment Sales Forecast by Type (2026-2035) & (K Units)

Table 178. Global Friction Stir Welding Equipment Market Size Forecast by Type

(2026-2035) & (M USD)

Table 179. Global Friction Stir Welding Equipment Price Forecast by Type (2026-2035) & (USD/Unit)

Table 180. Global Friction Stir Welding Equipment Sales (K Units) Forecast by Application (2026-2035)

Table 181. Global Friction Stir Welding Equipment Market Size Forecast by Application (2026-2035) & (M USD)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Product Picture of Friction Stir Welding Equipment
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Friction Stir Welding Equipment Market Size (M USD), 2025-2035
- Figure 5. Global Friction Stir Welding Equipment Market Size (M USD) (2020-2035)
- Figure 6. Global Friction Stir Welding Equipment Sales (K Units) & (2020-2035)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. Friction Stir Welding Equipment Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Friction Stir Welding Equipment Product Life Cycle
- Figure 13. Friction Stir Welding Equipment Sales Share by Manufacturers in 2025
- Figure 14. Global Friction Stir Welding Equipment Revenue Share by Manufacturers in 2025
- Figure 15. Friction Stir Welding Equipment Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2025
- Figure 16. Global Market Friction Stir Welding Equipment Average Price (USD/Unit) of Key Manufacturers in 2025
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Friction Stir Welding Equipment Revenue in 2025
- Figure 18. Industry Chain Map of Friction Stir Welding Equipment
- Figure 19. Global Friction Stir Welding Equipment Market PEST Analysis
- Figure 20. Global Friction Stir Welding Equipment Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global Friction Stir Welding Equipment Market Share by Type
- Figure 27. Sales Market Share of Friction Stir Welding Equipment by Type (2020-2025)
- Figure 28. Sales Market Share of Friction Stir Welding Equipment by Type in 2025
- Figure 29. Market Share of Friction Stir Welding Equipment by Type (2020-2025)
- Figure 30. Market Share of Friction Stir Welding Equipment by Type in 2025
- Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Friction Stir Welding Equipment Market Share by Application

Figure 33. Global Friction Stir Welding Equipment Sales Market Share by Application (2020-2025)

Figure 34. Global Friction Stir Welding Equipment Sales Market Share by Application in 2025

Figure 35. Global Friction Stir Welding Equipment Market Share by Application (2020-2025)

Figure 36. Global Friction Stir Welding Equipment Market Share by Application in 2025

Figure 37. Global Friction Stir Welding Equipment Sales Growth Rate by Application (2020-2025)

Figure 38. Global Friction Stir Welding Equipment Sales Market Share by Region (2020-2025)

Figure 39. Global Friction Stir Welding Equipment Market Size by Region (2020-2025)

Figure 40. North America Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America Friction Stir Welding Equipment Sales Market Share by Country in 2024

Figure 43. North America Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America Friction Stir Welding Equipment Market Size by Country in 2024

Figure 45. U.S. Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada Friction Stir Welding Equipment Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada Friction Stir Welding Equipment Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico Friction Stir Welding Equipment Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico Friction Stir Welding Equipment Market Size (Units) and Growth Rate (2020-2025)

Figure 51. Europe Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe Friction Stir Welding Equipment Sales Market Share by Country in 2024

Figure 53. Europe Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe Friction Stir Welding Equipment Market Size by Country in 2024

Figure 55. Germany Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific Friction Stir Welding Equipment Sales and Growth Rate (K Units)

Figure 66. Asia Pacific Friction Stir Welding Equipment Sales Market Share by Region in 2024

Figure 67. Asia Pacific Friction Stir Welding Equipment Market Size by Region in 2024

Figure 68. China Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea Friction Stir Welding Equipment Market Size and Growth Rate

(2020-2025) & (M USD)

Figure 74. India Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America Friction Stir Welding Equipment Sales and Growth Rate (K Units)

Figure 79. South America Friction Stir Welding Equipment Sales Market Share by Country in 2024

Figure 80. South America Friction Stir Welding Equipment Market Size and Growth Rate (M USD)

Figure 81. South America Friction Stir Welding Equipment Market Size by Country in 2024

Figure 82. Brazil Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa Friction Stir Welding Equipment Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa Friction Stir Welding Equipment Sales Market Share by Region in 2024

Figure 90. Middle East and Africa Friction Stir Welding Equipment Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa Friction Stir Welding Equipment Market Size by Region in 2024

Figure 92. Saudi Arabia Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa Friction Stir Welding Equipment Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa Friction Stir Welding Equipment Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global Friction Stir Welding Equipment Production Market Share by Region (2020-2025)

Figure 103. North America Friction Stir Welding Equipment Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe Friction Stir Welding Equipment Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan Friction Stir Welding Equipment Production (K Units) Growth Rate (2020-2025)

Figure 106. China Friction Stir Welding Equipment Production (K Units) Growth Rate (2020-2025)

Figure 107. Global Friction Stir Welding Equipment Sales Forecast by Volume (2020-2035) & (K Units)

Figure 108. Global Friction Stir Welding Equipment Market Size Forecast by Value (2020-2035) & (M USD)

Figure 109. Global Friction Stir Welding Equipment Sales Market Share Forecast by Type (2026-2035)

Figure 110. Global Friction Stir Welding Equipment Market Share Forecast by Type (2026-2035)

Figure 111. Global Friction Stir Welding Equipment Sales Forecast by Application (2026-2035)

Figure 112. Global Friction Stir Welding Equipment Market Share Forecast by

Application (2026-2035)

## I would like to order

Product name: Global Friction Stir Welding Equipment Market Research Report 2026(Status and Outlook)

Product link: <https://marketpublishers.com/r/G3B4FC2AFA9DEN.html>

Price: US\$ 3,200.00 (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/G3B4FC2AFA9DEN.html>