

Global Friction Stir Welding Fsw Machine Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/GA881631A9FFEN.html>

Date: August 2025

Pages: 168

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

ID: GA881631A9FFEN

Abstracts

Friction stir welding (FSW) is a solid-state joining process that uses a non-consumable tool to join two facing workpieces without melting the workpiece material. Heat is generated by friction between the rotating tool and the workpiece material, which leads to a softened region near the FSW tool.

The global Friction Stir Welding Fsw Machine market size was estimated at USD 256.44 million in 2024 and is projected to grow at a compound annual growth rate (CAGR) of 5.70% during the forecast period.

This report offers a comprehensive and in-depth analysis of the global Friction Stir Welding Fsw Machine 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 Fsw Machine 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 Fsw Machine market.

Global Friction Stir Welding Fsw Machine 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

Grenzebach Maschinenbau GmbH
Nova-Tech Engineering
Beijing FSW
FOOKE GmbH
PaR Systems
PTG
General Tool Company
Sooncable
HAGE Sondermaschinenbau GmbH
Stirtec GmbH
Hitachi
BTI
Mazak
Jinfeng
Zhengchen
Guangzhou Risong Intelligent Technology Holding Co., Ltd
Aerospace Engineering Equipment

World Wide Welding
Sifuwei

Market Segmentation (by Type)

Robotic Welding Machine
Benchtop Welding Machine
Gantry Welding Machine

Market Segmentation (by Application)

Aerospace And Defense Industry
Automotive
Shipbuilding
General Machinery Manufacturing
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 Fsw Machine Market

Overview of the regional outlook of the Friction Stir Welding Fsw Machine 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 Fsw Machine 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 Fsw Machine, 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 Fsw Machine

1.2 Key Market Segments

1.2.1 Friction Stir Welding Fsw Machine Segment by Type

1.2.2 Friction Stir Welding Fsw Machine 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 FSW MACHINE MARKET OVERVIEW

2.1 Global Market Overview

2.1.1 Global Friction Stir Welding Fsw Machine Market Size (M USD) Estimates and Forecasts (2020-2033)

2.1.2 Global Friction Stir Welding Fsw Machine Sales Estimates and Forecasts (2020-2033)

2.2 Market Segment Executive Summary

2.3 Global Market Size by Region

3 FRICTION STIR WELDING FSW MACHINE MARKET COMPETITIVE LANDSCAPE

3.1 Company Assessment Quadrant

3.2 Global Friction Stir Welding Fsw Machine Product Life Cycle

3.3 Global Friction Stir Welding Fsw Machine Sales by Manufacturers (2020-2025)

3.4 Global Friction Stir Welding Fsw Machine Revenue Market Share by Manufacturers (2020-2025)

3.5 Friction Stir Welding Fsw Machine Market Share by Company Type (Tier 1, Tier 2, and Tier 3)

3.6 Global Friction Stir Welding Fsw Machine Average Price by Manufacturers (2020-2025)

3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types

3.8 Friction Stir Welding Fsw Machine Market Competitive Situation and Trends

3.8.1 Friction Stir Welding Fsw Machine Market Concentration Rate

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

3.8.3 Mergers & Acquisitions, Expansion

4 FRICTION STIR WELDING FSW MACHINE INDUSTRY CHAIN ANALYSIS

4.1 Friction Stir Welding Fsw Machine 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 FSW MACHINE 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 Fsw Machine 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 Fsw Machine Market

5.7 ESG Ratings of Leading Companies

6 FRICTION STIR WELDING FSW MACHINE MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

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

6.3 Global Friction Stir Welding Fsw Machine Market Size Market Share by Type

(2020-2025)

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

7 FRICTION STIR WELDING FSW MACHINE MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

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

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

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

8 FRICTION STIR WELDING FSW MACHINE MARKET SALES BY REGION

8.1 Global Friction Stir Welding Fsw Machine Sales by Region

8.1.1 Global Friction Stir Welding Fsw Machine Sales by Region

8.1.2 Global Friction Stir Welding Fsw Machine Sales Market Share by Region

8.2 Global Friction Stir Welding Fsw Machine Market Size by Region

8.2.1 Global Friction Stir Welding Fsw Machine Market Size by Region

8.2.2 Global Friction Stir Welding Fsw Machine Market Size Market Share by Region

8.3 North America

8.3.1 North America Friction Stir Welding Fsw Machine Sales by Country

8.3.2 North America Friction Stir Welding Fsw Machine 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 Fsw Machine Sales by Country

8.4.2 Europe Friction Stir Welding Fsw Machine 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 Fsw Machine Sales by Region

8.5.2 Asia Pacific Friction Stir Welding Fsw Machine 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 Fsw Machine Sales by Country
 - 8.6.2 South America Friction Stir Welding Fsw Machine 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 Fsw Machine Sales by Region
 - 8.7.2 Middle East and Africa Friction Stir Welding Fsw Machine 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 FSW MACHINE MARKET PRODUCTION BY REGION

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

9.7 China Friction Stir Welding Fsw Machine Production (2020-2025)

9.7.1 China Friction Stir Welding Fsw Machine Production Growth Rate (2020-2025)

9.7.2 China Friction Stir Welding Fsw Machine Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Grenzebach Maschinenbau GmbH

10.1.1 Grenzebach Maschinenbau GmbH Basic Information

10.1.2 Grenzebach Maschinenbau GmbH Friction Stir Welding Fsw Machine Product Overview

10.1.3 Grenzebach Maschinenbau GmbH Friction Stir Welding Fsw Machine Product Market Performance

10.1.4 Grenzebach Maschinenbau GmbH Business Overview

10.1.5 Grenzebach Maschinenbau GmbH SWOT Analysis

10.1.6 Grenzebach Maschinenbau GmbH Recent Developments

10.2 Nova-Tech Engineering

10.2.1 Nova-Tech Engineering Basic Information

10.2.2 Nova-Tech Engineering Friction Stir Welding Fsw Machine Product Overview

10.2.3 Nova-Tech Engineering Friction Stir Welding Fsw Machine Product Market Performance

10.2.4 Nova-Tech Engineering Business Overview

10.2.5 Nova-Tech Engineering SWOT Analysis

10.2.6 Nova-Tech Engineering Recent Developments

10.3 Beijing FSW

10.3.1 Beijing FSW Basic Information

10.3.2 Beijing FSW Friction Stir Welding Fsw Machine Product Overview

10.3.3 Beijing FSW Friction Stir Welding Fsw Machine Product Market Performance

10.3.4 Beijing FSW Business Overview

10.3.5 Beijing FSW SWOT Analysis

10.3.6 Beijing FSW Recent Developments

10.4 FOOKE GmbH

10.4.1 FOOKE GmbH Basic Information

10.4.2 FOOKE GmbH Friction Stir Welding Fsw Machine Product Overview

10.4.3 FOOKE GmbH Friction Stir Welding Fsw Machine Product Market Performance

10.4.4 FOOKE GmbH Business Overview

10.4.5 FOOKE GmbH Recent Developments

10.5 PaR Systems

10.5.1 PaR Systems Basic Information

- 10.5.2 PaR Systems Friction Stir Welding Fsw Machine Product Overview
- 10.5.3 PaR Systems Friction Stir Welding Fsw Machine Product Market Performance
- 10.5.4 PaR Systems Business Overview
- 10.5.5 PaR Systems Recent Developments
- 10.6 PTG
 - 10.6.1 PTG Basic Information
 - 10.6.2 PTG Friction Stir Welding Fsw Machine Product Overview
 - 10.6.3 PTG Friction Stir Welding Fsw Machine Product Market Performance
 - 10.6.4 PTG Business Overview
 - 10.6.5 PTG Recent Developments
- 10.7 General Tool Company
 - 10.7.1 General Tool Company Basic Information
 - 10.7.2 General Tool Company Friction Stir Welding Fsw Machine Product Overview
 - 10.7.3 General Tool Company Friction Stir Welding Fsw Machine Product Market Performance
 - 10.7.4 General Tool Company Business Overview
 - 10.7.5 General Tool Company Recent Developments
- 10.8 Sooncable
 - 10.8.1 Sooncable Basic Information
 - 10.8.2 Sooncable Friction Stir Welding Fsw Machine Product Overview
 - 10.8.3 Sooncable Friction Stir Welding Fsw Machine Product Market Performance
 - 10.8.4 Sooncable Business Overview
 - 10.8.5 Sooncable Recent Developments
- 10.9 HAGE Sondermaschinenbau GmbH
 - 10.9.1 HAGE Sondermaschinenbau GmbH Basic Information
 - 10.9.2 HAGE Sondermaschinenbau GmbH Friction Stir Welding Fsw Machine Product Overview
 - 10.9.3 HAGE Sondermaschinenbau GmbH Friction Stir Welding Fsw Machine Product Market Performance
 - 10.9.4 HAGE Sondermaschinenbau GmbH Business Overview
 - 10.9.5 HAGE Sondermaschinenbau GmbH Recent Developments
- 10.10 Stirtec GmbH
 - 10.10.1 Stirtec GmbH Basic Information
 - 10.10.2 Stirtec GmbH Friction Stir Welding Fsw Machine Product Overview
 - 10.10.3 Stirtec GmbH Friction Stir Welding Fsw Machine Product Market Performance
 - 10.10.4 Stirtec GmbH Business Overview
 - 10.10.5 Stirtec GmbH Recent Developments
- 10.11 Hitachi
 - 10.11.1 Hitachi Basic Information

- 10.11.2 Hitachi Friction Stir Welding Fsw Machine Product Overview
- 10.11.3 Hitachi Friction Stir Welding Fsw Machine Product Market Performance
- 10.11.4 Hitachi Business Overview
- 10.11.5 Hitachi Recent Developments
- 10.12 BTI
 - 10.12.1 BTI Basic Information
 - 10.12.2 BTI Friction Stir Welding Fsw Machine Product Overview
 - 10.12.3 BTI Friction Stir Welding Fsw Machine Product Market Performance
 - 10.12.4 BTI Business Overview
 - 10.12.5 BTI Recent Developments
- 10.13 Mazak
 - 10.13.1 Mazak Basic Information
 - 10.13.2 Mazak Friction Stir Welding Fsw Machine Product Overview
 - 10.13.3 Mazak Friction Stir Welding Fsw Machine Product Market Performance
 - 10.13.4 Mazak Business Overview
 - 10.13.5 Mazak Recent Developments
- 10.14 Jinfeng
 - 10.14.1 Jinfeng Basic Information
 - 10.14.2 Jinfeng Friction Stir Welding Fsw Machine Product Overview
 - 10.14.3 Jinfeng Friction Stir Welding Fsw Machine Product Market Performance
 - 10.14.4 Jinfeng Business Overview
 - 10.14.5 Jinfeng Recent Developments
- 10.15 Zhengchen
 - 10.15.1 Zhengchen Basic Information
 - 10.15.2 Zhengchen Friction Stir Welding Fsw Machine Product Overview
 - 10.15.3 Zhengchen Friction Stir Welding Fsw Machine Product Market Performance
 - 10.15.4 Zhengchen Business Overview
 - 10.15.5 Zhengchen Recent Developments
- 10.16 Guangzhou Risong Intelligent Technology Holding Co., Ltd
 - 10.16.1 Guangzhou Risong Intelligent Technology Holding Co., Ltd Basic Information
 - 10.16.2 Guangzhou Risong Intelligent Technology Holding Co., Ltd Friction Stir Welding Fsw Machine Product Overview
 - 10.16.3 Guangzhou Risong Intelligent Technology Holding Co., Ltd Friction Stir Welding Fsw Machine Product Market Performance
 - 10.16.4 Guangzhou Risong Intelligent Technology Holding Co., Ltd Business Overview
 - 10.16.5 Guangzhou Risong Intelligent Technology Holding Co., Ltd Recent Developments
- 10.17 Aerospace Engineering Equipment
 - 10.17.1 Aerospace Engineering Equipment Basic Information

10.17.2 Aerospace Engineering Equipment Friction Stir Welding Fsw Machine Product Overview

10.17.3 Aerospace Engineering Equipment Friction Stir Welding Fsw Machine Product Market Performance

10.17.4 Aerospace Engineering Equipment Business Overview

10.17.5 Aerospace Engineering Equipment Recent Developments

10.18 World Wide Welding

10.18.1 World Wide Welding Basic Information

10.18.2 World Wide Welding Friction Stir Welding Fsw Machine Product Overview

10.18.3 World Wide Welding Friction Stir Welding Fsw Machine Product Market Performance

10.18.4 World Wide Welding Business Overview

10.18.5 World Wide Welding Recent Developments

10.19 Sifuwei

10.19.1 Sifuwei Basic Information

10.19.2 Sifuwei Friction Stir Welding Fsw Machine Product Overview

10.19.3 Sifuwei Friction Stir Welding Fsw Machine Product Market Performance

10.19.4 Sifuwei Business Overview

10.19.5 Sifuwei Recent Developments

11 FRICTION STIR WELDING FSW MACHINE MARKET FORECAST BY REGION

11.1 Global Friction Stir Welding Fsw Machine Market Size Forecast

11.2 Global Friction Stir Welding Fsw Machine Market Forecast by Region

11.2.1 North America Market Size Forecast by Country

11.2.2 Europe Friction Stir Welding Fsw Machine Market Size Forecast by Country

11.2.3 Asia Pacific Friction Stir Welding Fsw Machine Market Size Forecast by Region

11.2.4 South America Friction Stir Welding Fsw Machine Market Size Forecast by Country

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

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

12.1 Global Friction Stir Welding Fsw Machine Market Forecast by Type (2026-2033)

12.1.1 Global Forecasted Sales of Friction Stir Welding Fsw Machine by Type (2026-2033)

12.1.2 Global Friction Stir Welding Fsw Machine Market Size Forecast by Type (2026-2033)

12.1.3 Global Forecasted Price of Friction Stir Welding Fsw Machine by Type (2026-2033)

12.2 Global Friction Stir Welding Fsw Machine Market Forecast by Application (2026-2033)

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

12.2.2 Global Friction Stir Welding Fsw Machine Market Size (M USD) Forecast by Application (2026-2033)

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. Market Size (M USD) Segment Executive Summary

Table 4. Friction Stir Welding Fsw Machine Market Size Comparison by Region (M USD)

Table 5. Global Friction Stir Welding Fsw Machine Sales (K Units) by Manufacturers (2020-2025)

Table 6. Global Friction Stir Welding Fsw Machine Sales Market Share by Manufacturers (2020-2025)

Table 7. Global Friction Stir Welding Fsw Machine Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global Friction Stir Welding Fsw Machine Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Friction Stir Welding Fsw Machine as of 2024)

Table 10. Global Market Friction Stir Welding Fsw Machine Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global Friction Stir Welding Fsw Machine Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. Friction Stir Welding Fsw Machine Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global Friction Stir Welding Fsw Machine Sales by Type (K Units)

Table 26. Global Friction Stir Welding Fsw Machine Market Size by Type (M USD)

Table 27. Global Friction Stir Welding Fsw Machine Sales (K Units) by Type
(2020-2025)

Table 28. Global Friction Stir Welding Fsw Machine Sales Market Share by Type
(2020-2025)

Table 29. Global Friction Stir Welding Fsw Machine Market Size (M USD) by Type
(2020-2025)

Table 30. Global Friction Stir Welding Fsw Machine Market Size Share by Type
(2020-2025)

Table 31. Global Friction Stir Welding Fsw Machine Price (USD/Unit) by Type
(2020-2025)

Table 32. Global Friction Stir Welding Fsw Machine Sales (K Units) by Application

Table 33. Global Friction Stir Welding Fsw Machine Market Size by Application

Table 34. Global Friction Stir Welding Fsw Machine Sales by Application (2020-2025) &
(K Units)

Table 35. Global Friction Stir Welding Fsw Machine Sales Market Share by Application
(2020-2025)

Table 36. Global Friction Stir Welding Fsw Machine Market Size by Application
(2020-2025) & (M USD)

Table 37. Global Friction Stir Welding Fsw Machine Market Share by Application
(2020-2025)

Table 38. Global Friction Stir Welding Fsw Machine Sales Growth Rate by Application
(2020-2025)

Table 39. Global Friction Stir Welding Fsw Machine Sales by Region (2020-2025) & (K
Units)

Table 40. Global Friction Stir Welding Fsw Machine Sales Market Share by Region
(2020-2025)

Table 41. Global Friction Stir Welding Fsw Machine Market Size by Region (2020-2025)
& (M USD)

Table 42. Global Friction Stir Welding Fsw Machine Market Size Market Share by
Region (2020-2025)

Table 43. North America Friction Stir Welding Fsw Machine Sales by Country
(2020-2025) & (K Units)

Table 44. North America Friction Stir Welding Fsw Machine Market Size by Country
(2020-2025) & (M USD)

Table 45. Europe Friction Stir Welding Fsw Machine Sales by Country (2020-2025) & (K
Units)

Table 46. Europe Friction Stir Welding Fsw Machine Market Size by Country
(2020-2025) & (M USD)

Table 47. Asia Pacific Friction Stir Welding Fsw Machine Sales by Region (2020-2025)

& (K Units)

Table 48. Asia Pacific Friction Stir Welding Fsw Machine Market Size by Region (2020-2025) & (M USD)

Table 49. South America Friction Stir Welding Fsw Machine Sales by Country (2020-2025) & (K Units)

Table 50. South America Friction Stir Welding Fsw Machine Market Size by Country (2020-2025) & (M USD)

Table 51. Middle East and Africa Friction Stir Welding Fsw Machine Sales by Region (2020-2025) & (K Units)

Table 52. Middle East and Africa Friction Stir Welding Fsw Machine Market Size by Region (2020-2025) & (M USD)

Table 53. Global Friction Stir Welding Fsw Machine Production (K Units) by Region(2020-2025)

Table 54. Global Friction Stir Welding Fsw Machine Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global Friction Stir Welding Fsw Machine Revenue Market Share by Region (2020-2025)

Table 56. Global Friction Stir Welding Fsw Machine Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

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

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

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

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

Table 61. Grenzebach Maschinenbau GmbH Basic Information

Table 62. Grenzebach Maschinenbau GmbH Friction Stir Welding Fsw Machine Product Overview

Table 63. Grenzebach Maschinenbau GmbH Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. Grenzebach Maschinenbau GmbH Business Overview

Table 65. Grenzebach Maschinenbau GmbH SWOT Analysis

Table 66. Grenzebach Maschinenbau GmbH Recent Developments

Table 67. Nova-Tech Engineering Basic Information

Table 68. Nova-Tech Engineering Friction Stir Welding Fsw Machine Product Overview

Table 69. Nova-Tech Engineering Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. Nova-Tech Engineering Business Overview
Table 71. Nova-Tech Engineering SWOT Analysis
Table 72. Nova-Tech Engineering Recent Developments
Table 73. Beijing FSW Basic Information
Table 74. Beijing FSW Friction Stir Welding Fsw Machine Product Overview
Table 75. Beijing FSW Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 76. Beijing FSW Business Overview
Table 77. Beijing FSW SWOT Analysis
Table 78. Beijing FSW Recent Developments
Table 79. FOOKE GmbH Basic Information
Table 80. FOOKE GmbH Friction Stir Welding Fsw Machine Product Overview
Table 81. FOOKE GmbH Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 82. FOOKE GmbH Business Overview
Table 83. FOOKE GmbH Recent Developments
Table 84. PaR Systems Basic Information
Table 85. PaR Systems Friction Stir Welding Fsw Machine Product Overview
Table 86. PaR Systems Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 87. PaR Systems Business Overview
Table 88. PaR Systems Recent Developments
Table 89. PTG Basic Information
Table 90. PTG Friction Stir Welding Fsw Machine Product Overview
Table 91. PTG Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 92. PTG Business Overview
Table 93. PTG Recent Developments
Table 94. General Tool Company Basic Information
Table 95. General Tool Company Friction Stir Welding Fsw Machine Product Overview
Table 96. General Tool Company Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 97. General Tool Company Business Overview
Table 98. General Tool Company Recent Developments
Table 99. Sooncable Basic Information
Table 100. Sooncable Friction Stir Welding Fsw Machine Product Overview
Table 101. Sooncable Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 102. Sooncable Business Overview

Table 103. Sooncable Recent Developments
Table 104. HAGE Sondermaschinenbau GmbH Basic Information
Table 105. HAGE Sondermaschinenbau GmbH Friction Stir Welding Fsw Machine Product Overview
Table 106. HAGE Sondermaschinenbau GmbH Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 107. HAGE Sondermaschinenbau GmbH Business Overview
Table 108. HAGE Sondermaschinenbau GmbH Recent Developments
Table 109. Stirtec GmbH Basic Information
Table 110. Stirtec GmbH Friction Stir Welding Fsw Machine Product Overview
Table 111. Stirtec GmbH Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 112. Stirtec GmbH Business Overview
Table 113. Stirtec GmbH Recent Developments
Table 114. Hitachi Basic Information
Table 115. Hitachi Friction Stir Welding Fsw Machine Product Overview
Table 116. Hitachi Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 117. Hitachi Business Overview
Table 118. Hitachi Recent Developments
Table 119. BTI Basic Information
Table 120. BTI Friction Stir Welding Fsw Machine Product Overview
Table 121. BTI Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 122. BTI Business Overview
Table 123. BTI Recent Developments
Table 124. Mazak Basic Information
Table 125. Mazak Friction Stir Welding Fsw Machine Product Overview
Table 126. Mazak Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 127. Mazak Business Overview
Table 128. Mazak Recent Developments
Table 129. Jinfeng Basic Information
Table 130. Jinfeng Friction Stir Welding Fsw Machine Product Overview
Table 131. Jinfeng Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 132. Jinfeng Business Overview
Table 133. Jinfeng Recent Developments
Table 134. Zhengchen Basic Information

Table 135. Zhengchen Friction Stir Welding Fsw Machine Product Overview
Table 136. Zhengchen Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 137. Zhengchen Business Overview
Table 138. Zhengchen Recent Developments
Table 139. Guangzhou Risong Intelligent Technology Holding Co., Ltd Basic Information
Table 140. Guangzhou Risong Intelligent Technology Holding Co., Ltd Friction Stir Welding Fsw Machine Product Overview
Table 141. Guangzhou Risong Intelligent Technology Holding Co., Ltd Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 142. Guangzhou Risong Intelligent Technology Holding Co., Ltd Business Overview
Table 143. Guangzhou Risong Intelligent Technology Holding Co., Ltd Recent Developments
Table 144. Aerospace Engineering Equipment Basic Information
Table 145. Aerospace Engineering Equipment Friction Stir Welding Fsw Machine Product Overview
Table 146. Aerospace Engineering Equipment Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 147. Aerospace Engineering Equipment Business Overview
Table 148. Aerospace Engineering Equipment Recent Developments
Table 149. World Wide Welding Basic Information
Table 150. World Wide Welding Friction Stir Welding Fsw Machine Product Overview
Table 151. World Wide Welding Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 152. World Wide Welding Business Overview
Table 153. World Wide Welding Recent Developments
Table 154. Sifuwei Basic Information
Table 155. Sifuwei Friction Stir Welding Fsw Machine Product Overview
Table 156. Sifuwei Friction Stir Welding Fsw Machine Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
Table 157. Sifuwei Business Overview
Table 158. Sifuwei Recent Developments
Table 159. Global Friction Stir Welding Fsw Machine Sales Forecast by Region (2026-2033) & (K Units)
Table 160. Global Friction Stir Welding Fsw Machine Market Size Forecast by Region (2026-2033) & (M USD)

Table 161. North America Friction Stir Welding Fsw Machine Sales Forecast by Country (2026-2033) & (K Units)

Table 162. North America Friction Stir Welding Fsw Machine Market Size Forecast by Country (2026-2033) & (M USD)

Table 163. Europe Friction Stir Welding Fsw Machine Sales Forecast by Country (2026-2033) & (K Units)

Table 164. Europe Friction Stir Welding Fsw Machine Market Size Forecast by Country (2026-2033) & (M USD)

Table 165. Asia Pacific Friction Stir Welding Fsw Machine Sales Forecast by Region (2026-2033) & (K Units)

Table 166. Asia Pacific Friction Stir Welding Fsw Machine Market Size Forecast by Region (2026-2033) & (M USD)

Table 167. South America Friction Stir Welding Fsw Machine Sales Forecast by Country (2026-2033) & (K Units)

Table 168. South America Friction Stir Welding Fsw Machine Market Size Forecast by Country (2026-2033) & (M USD)

Table 169. Middle East and Africa Friction Stir Welding Fsw Machine Sales Forecast by Country (2026-2033) & (Units)

Table 170. Middle East and Africa Friction Stir Welding Fsw Machine Market Size Forecast by Country (2026-2033) & (M USD)

Table 171. Global Friction Stir Welding Fsw Machine Sales Forecast by Type (2026-2033) & (K Units)

Table 172. Global Friction Stir Welding Fsw Machine Market Size Forecast by Type (2026-2033) & (M USD)

Table 173. Global Friction Stir Welding Fsw Machine Price Forecast by Type (2026-2033) & (USD/Unit)

Table 174. Global Friction Stir Welding Fsw Machine Sales (K Units) Forecast by Application (2026-2033)

Table 175. Global Friction Stir Welding Fsw Machine Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Friction Stir Welding Fsw Machine
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Friction Stir Welding Fsw Machine Market Size (M USD), 2024-2033
- Figure 5. Global Friction Stir Welding Fsw Machine Market Size (M USD) (2020-2033)
- Figure 6. Global Friction Stir Welding Fsw Machine Sales (K Units) & (2020-2033)
- 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 Fsw Machine Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global Friction Stir Welding Fsw Machine Product Life Cycle
- Figure 13. Friction Stir Welding Fsw Machine Sales Share by Manufacturers in 2024
- Figure 14. Global Friction Stir Welding Fsw Machine Revenue Share by Manufacturers in 2024
- Figure 15. Friction Stir Welding Fsw Machine Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market Friction Stir Welding Fsw Machine Average Price (USD/Unit) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by Friction Stir Welding Fsw Machine Revenue in 2024
- Figure 18. Industry Chain Map of Friction Stir Welding Fsw Machine
- Figure 19. Global Friction Stir Welding Fsw Machine Market PEST Analysis
- Figure 20. Global Friction Stir Welding Fsw Machine 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 Fsw Machine Market Share by Type
- Figure 27. Sales Market Share of Friction Stir Welding Fsw Machine by Type (2020-2025)
- Figure 28. Sales Market Share of Friction Stir Welding Fsw Machine by Type in 2024
- Figure 29. Market Size Share of Friction Stir Welding Fsw Machine by Type

(2020-2025)

Figure 30. Market Size Share of Friction Stir Welding Fsw Machine by Type in 2024

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global Friction Stir Welding Fsw Machine Market Share by Application

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

Figure 34. Global Friction Stir Welding Fsw Machine Sales Market Share by Application in 2024

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

Figure 36. Global Friction Stir Welding Fsw Machine Market Share by Application in 2024

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

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

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

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

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

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

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

Figure 44. North America Friction Stir Welding Fsw Machine Market Size Market Share by Country in 2024

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

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

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

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

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

Figure 50. Mexico Friction Stir Welding Fsw Machine Market Size (Units) and Growth

Rate (2020-2025)

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

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

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

Figure 54. Europe Friction Stir Welding Fsw Machine Market Size Market Share by Country in 2024

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

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

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

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

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

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

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

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

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

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

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

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

Figure 67. Asia Pacific Friction Stir Welding Fsw Machine Market Size Market Share by Region in 2024

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

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

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

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

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

Figure 73. South Korea Friction Stir Welding Fsw Machine Market Size and Growth Rate (2020-2025) & (M USD)

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

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

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

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

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

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

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

Figure 81. South America Friction Stir Welding Fsw Machine Market Size Market Share by Country in 2024

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

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

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

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

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

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

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

Figure 89. Middle East and Africa Friction Stir Welding Fsw Machine Sales Market

Share by Region in 2024

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Figure 107. Global Friction Stir Welding Fsw Machine Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global Friction Stir Welding Fsw Machine Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global Friction Stir Welding Fsw Machine Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global Friction Stir Welding Fsw Machine Market Share Forecast by Type (2026-2033)

Figure 111. Global Friction Stir Welding Fsw Machine Sales Forecast by Application (2026-2033)

Figure 112. Global Friction Stir Welding Fsw Machine Market Share Forecast by Application (2026-2033)

I would like to order

Product name: Global Friction Stir Welding Fsw Machine Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/GA881631A9FFEN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GA881631A9FFEN.html>