

Global Friction Stir Welding Tools Market Research Report 2024, Forecast to 2032

<https://marketpublishers.com/r/G2F727ADB312EN.html>

Date: October 2024

Pages: 158

Price: US\$ 3,400.00 (Single User License)

ID: G2F727ADB312EN

Abstracts

Report Overview

Friction stir welding (FSW) is a solid-state joining process that uses a non-consumable tool to join two facing workpieces without melting the workpiece material. Heat is generated by friction between the rotating tool and the workpiece material, which leads to a softened region near the FSW tool. While the tool is traversed along the joint line, it mechanically intermixes the two pieces of metal, and forges the hot and softened metal by the mechanical pressure, which is applied by the tool, much like joining clay, or dough. It is primarily used on wrought or extruded aluminium and particularly for structures which need very high weld strength.

The global Friction Stir Welding Tools market size was estimated at USD 244.10 million in 2023 and is projected to reach USD 395.22 million by 2032, exhibiting a CAGR of 5.50% during the forecast period.

North America Friction Stir Welding Tools market size was estimated at USD 69.74 million in 2023, at a CAGR of 4.71% during the forecast period of 2024 through 2032.

This report provides a deep insight into the global Friction Stir Welding Tools market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business

organization. The report structure also focuses on the competitive landscape of the Global Friction Stir Welding Tools Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the Friction Stir Welding Tools market in any manner.

Global Friction Stir Welding Tools Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

ESAB

Grenzebach Maschinenbau GmbH

Nova-Tech Engineering

Beijing FSW

FOOKE GmbH

PaR Systems

Nitto Seiki

General Tool Company

Sooncable

Gatwick

Stirtec Gmbh

Hitachi

PTG

BTI

Valmet

Ekato

Xi'an Yonghua

Fluiten

James Walker

Huayang Seals

Huhnseal

Market Segmentation (by Type)

Desktop Equipment

Gantry Equipment

Others

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 Tools Market

Overview of the regional outlook of the Friction Stir Welding Tools Market:

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.

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 Tools 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 from the consumer side 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 Tools, 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 during the forecast period.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment during the forecast period.

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

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of Friction Stir Welding Tools
- 1.2 Key Market Segments
 - 1.2.1 Friction Stir Welding Tools Segment by Type
 - 1.2.2 Friction Stir Welding Tools 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 TOOLS MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global Friction Stir Welding Tools Market Size (M USD) Estimates and Forecasts (2019-2032)
 - 2.1.2 Global Friction Stir Welding Tools Sales Estimates and Forecasts (2019-2032)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 FRICTION STIR WELDING TOOLS MARKET COMPETITIVE LANDSCAPE

- 3.1 Global Friction Stir Welding Tools Sales by Manufacturers (2019-2024)
- 3.2 Global Friction Stir Welding Tools Revenue Market Share by Manufacturers (2019-2024)
- 3.3 Friction Stir Welding Tools Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.4 Global Friction Stir Welding Tools Average Price by Manufacturers (2019-2024)
- 3.5 Manufacturers Friction Stir Welding Tools Sales Sites, Area Served, Product Type
- 3.6 Friction Stir Welding Tools Market Competitive Situation and Trends
 - 3.6.1 Friction Stir Welding Tools Market Concentration Rate
 - 3.6.2 Global 5 and 10 Largest Friction Stir Welding Tools Players Market Share by Revenue
 - 3.6.3 Mergers & Acquisitions, Expansion

4 FRICTION STIR WELDING TOOLS INDUSTRY CHAIN ANALYSIS

- 4.1 Friction Stir Welding Tools 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 TOOLS MARKET

- 5.1 Key Development Trends
- 5.2 Driving Factors
- 5.3 Market Challenges
- 5.4 Market Restraints
- 5.5 Industry News
 - 5.5.1 New Product Developments
 - 5.5.2 Mergers & Acquisitions
 - 5.5.3 Expansions
 - 5.5.4 Collaboration/Supply Contracts
- 5.6 Industry Policies

6 FRICTION STIR WELDING TOOLS MARKET SEGMENTATION BY TYPE

- 6.1 Evaluation Matrix of Segment Market Development Potential (Type)
- 6.2 Global Friction Stir Welding Tools Sales Market Share by Type (2019-2024)
- 6.3 Global Friction Stir Welding Tools Market Size Market Share by Type (2019-2024)
- 6.4 Global Friction Stir Welding Tools Price by Type (2019-2024)

7 FRICTION STIR WELDING TOOLS MARKET SEGMENTATION BY APPLICATION

- 7.1 Evaluation Matrix of Segment Market Development Potential (Application)
- 7.2 Global Friction Stir Welding Tools Market Sales by Application (2019-2024)
- 7.3 Global Friction Stir Welding Tools Market Size (M USD) by Application (2019-2024)
- 7.4 Global Friction Stir Welding Tools Sales Growth Rate by Application (2019-2024)

8 FRICTION STIR WELDING TOOLS MARKET CONSUMPTION BY REGION

- 8.1 Global Friction Stir Welding Tools Sales by Region
 - 8.1.1 Global Friction Stir Welding Tools Sales by Region

- 8.1.2 Global Friction Stir Welding Tools Sales Market Share by Region
- 8.2 North America
 - 8.2.1 North America Friction Stir Welding Tools Sales by Country
 - 8.2.2 U.S.
 - 8.2.3 Canada
 - 8.2.4 Mexico
- 8.3 Europe
 - 8.3.1 Europe Friction Stir Welding Tools Sales by Country
 - 8.3.2 Germany
 - 8.3.3 France
 - 8.3.4 U.K.
 - 8.3.5 Italy
 - 8.3.6 Russia
- 8.4 Asia Pacific
 - 8.4.1 Asia Pacific Friction Stir Welding Tools Sales by Region
 - 8.4.2 China
 - 8.4.3 Japan
 - 8.4.4 South Korea
 - 8.4.5 India
 - 8.4.6 Southeast Asia
- 8.5 South America
 - 8.5.1 South America Friction Stir Welding Tools Sales by Country
 - 8.5.2 Brazil
 - 8.5.3 Argentina
 - 8.5.4 Columbia
- 8.6 Middle East and Africa
 - 8.6.1 Middle East and Africa Friction Stir Welding Tools Sales by Region
 - 8.6.2 Saudi Arabia
 - 8.6.3 UAE
 - 8.6.4 Egypt
 - 8.6.5 Nigeria
 - 8.6.6 South Africa

9 FRICTION STIR WELDING TOOLS MARKET PRODUCTION BY REGION

- 9.1 Global Production of Friction Stir Welding Tools by Region (2019-2024)
- 9.2 Global Friction Stir Welding Tools Revenue Market Share by Region (2019-2024)
- 9.3 Global Friction Stir Welding Tools Production, Revenue, Price and Gross Margin (2019-2024)

9.4 North America Friction Stir Welding Tools Production

9.4.1 North America Friction Stir Welding Tools Production Growth Rate (2019-2024)

9.4.2 North America Friction Stir Welding Tools Production, Revenue, Price and Gross Margin (2019-2024)

9.5 Europe Friction Stir Welding Tools Production

9.5.1 Europe Friction Stir Welding Tools Production Growth Rate (2019-2024)

9.5.2 Europe Friction Stir Welding Tools Production, Revenue, Price and Gross Margin (2019-2024)

9.6 Japan Friction Stir Welding Tools Production (2019-2024)

9.6.1 Japan Friction Stir Welding Tools Production Growth Rate (2019-2024)

9.6.2 Japan Friction Stir Welding Tools Production, Revenue, Price and Gross Margin (2019-2024)

9.7 China Friction Stir Welding Tools Production (2019-2024)

9.7.1 China Friction Stir Welding Tools Production Growth Rate (2019-2024)

9.7.2 China Friction Stir Welding Tools Production, Revenue, Price and Gross Margin (2019-2024)

10 KEY COMPANIES PROFILE

10.1 ESAB

10.1.1 ESAB Friction Stir Welding Tools Basic Information

10.1.2 ESAB Friction Stir Welding Tools Product Overview

10.1.3 ESAB Friction Stir Welding Tools Product Market Performance

10.1.4 ESAB Business Overview

10.1.5 ESAB Friction Stir Welding Tools SWOT Analysis

10.1.6 ESAB Recent Developments

10.2 Grenzebach Maschinenbau GmbH

10.2.1 Grenzebach Maschinenbau GmbH Friction Stir Welding Tools Basic Information

10.2.2 Grenzebach Maschinenbau GmbH Friction Stir Welding Tools Product Overview

10.2.3 Grenzebach Maschinenbau GmbH Friction Stir Welding Tools Product Market Performance

10.2.4 Grenzebach Maschinenbau GmbH Business Overview

10.2.5 Grenzebach Maschinenbau GmbH Friction Stir Welding Tools SWOT Analysis

10.2.6 Grenzebach Maschinenbau GmbH Recent Developments

10.3 Nova-Tech Engineering

10.3.1 Nova-Tech Engineering Friction Stir Welding Tools Basic Information

10.3.2 Nova-Tech Engineering Friction Stir Welding Tools Product Overview

10.3.3 Nova-Tech Engineering Friction Stir Welding Tools Product Market

Performance

10.3.4 Nova-Tech Engineering Friction Stir Welding Tools SWOT Analysis

10.3.5 Nova-Tech Engineering Business Overview

10.3.6 Nova-Tech Engineering Recent Developments

10.4 Beijing FSW

10.4.1 Beijing FSW Friction Stir Welding Tools Basic Information

10.4.2 Beijing FSW Friction Stir Welding Tools Product Overview

10.4.3 Beijing FSW Friction Stir Welding Tools Product Market Performance

10.4.4 Beijing FSW Business Overview

10.4.5 Beijing FSW Recent Developments

10.5 FOOKE GmbH

10.5.1 FOOKE GmbH Friction Stir Welding Tools Basic Information

10.5.2 FOOKE GmbH Friction Stir Welding Tools Product Overview

10.5.3 FOOKE GmbH Friction Stir Welding Tools Product Market Performance

10.5.4 FOOKE GmbH Business Overview

10.5.5 FOOKE GmbH Recent Developments

10.6 PaR Systems

10.6.1 PaR Systems Friction Stir Welding Tools Basic Information

10.6.2 PaR Systems Friction Stir Welding Tools Product Overview

10.6.3 PaR Systems Friction Stir Welding Tools Product Market Performance

10.6.4 PaR Systems Business Overview

10.6.5 PaR Systems Recent Developments

10.7 Nitto Seiki

10.7.1 Nitto Seiki Friction Stir Welding Tools Basic Information

10.7.2 Nitto Seiki Friction Stir Welding Tools Product Overview

10.7.3 Nitto Seiki Friction Stir Welding Tools Product Market Performance

10.7.4 Nitto Seiki Business Overview

10.7.5 Nitto Seiki Recent Developments

10.8 General Tool Company

10.8.1 General Tool Company Friction Stir Welding Tools Basic Information

10.8.2 General Tool Company Friction Stir Welding Tools Product Overview

10.8.3 General Tool Company Friction Stir Welding Tools Product Market Performance

10.8.4 General Tool Company Business Overview

10.8.5 General Tool Company Recent Developments

10.9 Sooncable

10.9.1 Sooncable Friction Stir Welding Tools Basic Information

10.9.2 Sooncable Friction Stir Welding Tools Product Overview

10.9.3 Sooncable Friction Stir Welding Tools Product Market Performance

10.9.4 Sooncable Business Overview

- 10.9.5 Sooncable Recent Developments
- 10.10 Gatwick
 - 10.10.1 Gatwick Friction Stir Welding Tools Basic Information
 - 10.10.2 Gatwick Friction Stir Welding Tools Product Overview
 - 10.10.3 Gatwick Friction Stir Welding Tools Product Market Performance
 - 10.10.4 Gatwick Business Overview
 - 10.10.5 Gatwick Recent Developments
- 10.11 Stirtec Gmbh
 - 10.11.1 Stirtec Gmbh Friction Stir Welding Tools Basic Information
 - 10.11.2 Stirtec Gmbh Friction Stir Welding Tools Product Overview
 - 10.11.3 Stirtec Gmbh Friction Stir Welding Tools Product Market Performance
 - 10.11.4 Stirtec Gmbh Business Overview
 - 10.11.5 Stirtec Gmbh Recent Developments
- 10.12 Hitachi
 - 10.12.1 Hitachi Friction Stir Welding Tools Basic Information
 - 10.12.2 Hitachi Friction Stir Welding Tools Product Overview
 - 10.12.3 Hitachi Friction Stir Welding Tools Product Market Performance
 - 10.12.4 Hitachi Business Overview
 - 10.12.5 Hitachi Recent Developments
- 10.13 PTG
 - 10.13.1 PTG Friction Stir Welding Tools Basic Information
 - 10.13.2 PTG Friction Stir Welding Tools Product Overview
 - 10.13.3 PTG Friction Stir Welding Tools Product Market Performance
 - 10.13.4 PTG Business Overview
 - 10.13.5 PTG Recent Developments
- 10.14 BTI
 - 10.14.1 BTI Friction Stir Welding Tools Basic Information
 - 10.14.2 BTI Friction Stir Welding Tools Product Overview
 - 10.14.3 BTI Friction Stir Welding Tools Product Market Performance
 - 10.14.4 BTI Business Overview
 - 10.14.5 BTI Recent Developments
- 10.15 Valmet
 - 10.15.1 Valmet Friction Stir Welding Tools Basic Information
 - 10.15.2 Valmet Friction Stir Welding Tools Product Overview
 - 10.15.3 Valmet Friction Stir Welding Tools Product Market Performance
 - 10.15.4 Valmet Business Overview
 - 10.15.5 Valmet Recent Developments
- 10.16 Ekato
 - 10.16.1 Ekato Friction Stir Welding Tools Basic Information

- 10.16.2 Ekato Friction Stir Welding Tools Product Overview
- 10.16.3 Ekato Friction Stir Welding Tools Product Market Performance
- 10.16.4 Ekato Business Overview
- 10.16.5 Ekato Recent Developments
- 10.17 Xi'an Yonghua
 - 10.17.1 Xi'an Yonghua Friction Stir Welding Tools Basic Information
 - 10.17.2 Xi'an Yonghua Friction Stir Welding Tools Product Overview
 - 10.17.3 Xi'an Yonghua Friction Stir Welding Tools Product Market Performance
 - 10.17.4 Xi'an Yonghua Business Overview
 - 10.17.5 Xi'an Yonghua Recent Developments
- 10.18 Fluiten
 - 10.18.1 Fluiten Friction Stir Welding Tools Basic Information
 - 10.18.2 Fluiten Friction Stir Welding Tools Product Overview
 - 10.18.3 Fluiten Friction Stir Welding Tools Product Market Performance
 - 10.18.4 Fluiten Business Overview
 - 10.18.5 Fluiten Recent Developments
- 10.19 James Walker
 - 10.19.1 James Walker Friction Stir Welding Tools Basic Information
 - 10.19.2 James Walker Friction Stir Welding Tools Product Overview
 - 10.19.3 James Walker Friction Stir Welding Tools Product Market Performance
 - 10.19.4 James Walker Business Overview
 - 10.19.5 James Walker Recent Developments
- 10.20 Huayang Seals
 - 10.20.1 Huayang Seals Friction Stir Welding Tools Basic Information
 - 10.20.2 Huayang Seals Friction Stir Welding Tools Product Overview
 - 10.20.3 Huayang Seals Friction Stir Welding Tools Product Market Performance
 - 10.20.4 Huayang Seals Business Overview
 - 10.20.5 Huayang Seals Recent Developments
- 10.21 Huhnseal
 - 10.21.1 Huhnseal Friction Stir Welding Tools Basic Information
 - 10.21.2 Huhnseal Friction Stir Welding Tools Product Overview
 - 10.21.3 Huhnseal Friction Stir Welding Tools Product Market Performance
 - 10.21.4 Huhnseal Business Overview
 - 10.21.5 Huhnseal Recent Developments

11 FRICTION STIR WELDING TOOLS MARKET FORECAST BY REGION

- 11.1 Global Friction Stir Welding Tools Market Size Forecast
- 11.2 Global Friction Stir Welding Tools Market Forecast by Region

- 11.2.1 North America Market Size Forecast by Country
- 11.2.2 Europe Friction Stir Welding Tools Market Size Forecast by Country
- 11.2.3 Asia Pacific Friction Stir Welding Tools Market Size Forecast by Region
- 11.2.4 South America Friction Stir Welding Tools Market Size Forecast by Country
- 11.2.5 Middle East and Africa Forecasted Consumption of Friction Stir Welding Tools by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2025-2032)

- 12.1 Global Friction Stir Welding Tools Market Forecast by Type (2025-2032)
 - 12.1.1 Global Forecasted Sales of Friction Stir Welding Tools by Type (2025-2032)
 - 12.1.2 Global Friction Stir Welding Tools Market Size Forecast by Type (2025-2032)
 - 12.1.3 Global Forecasted Price of Friction Stir Welding Tools by Type (2025-2032)
- 12.2 Global Friction Stir Welding Tools Market Forecast by Application (2025-2032)
 - 12.2.1 Global Friction Stir Welding Tools Sales (K Units) Forecast by Application
 - 12.2.2 Global Friction Stir Welding Tools Market Size (M USD) Forecast by Application (2025-2032)

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 Tools Market Size Comparison by Region (M USD)

Table 5. Global Friction Stir Welding Tools Sales (K Units) by Manufacturers
(2019-2024)

Table 6. Global Friction Stir Welding Tools Sales Market Share by Manufacturers
(2019-2024)

Table 7. Global Friction Stir Welding Tools Revenue (M USD) by Manufacturers
(2019-2024)

Table 8. Global Friction Stir Welding Tools Revenue Share by Manufacturers
(2019-2024)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in Friction
Stir Welding Tools as of 2022)

Table 10. Global Market Friction Stir Welding Tools Average Price (USD/Unit) of Key
Manufacturers (2019-2024)

Table 11. Manufacturers Friction Stir Welding Tools Sales Sites and Area Served

Table 12. Manufacturers Friction Stir Welding Tools Product Type

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

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Industry Chain Map of Friction Stir Welding Tools

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 Tools Market Challenges

Table 22. Global Friction Stir Welding Tools Sales by Type (K Units)

Table 23. Global Friction Stir Welding Tools Market Size by Type (M USD)

Table 24. Global Friction Stir Welding Tools Sales (K Units) by Type (2019-2024)

Table 25. Global Friction Stir Welding Tools Sales Market Share by Type (2019-2024)

Table 26. Global Friction Stir Welding Tools Market Size (M USD) by Type (2019-2024)

Table 27. Global Friction Stir Welding Tools Market Size Share by Type (2019-2024)

Table 28. Global Friction Stir Welding Tools Price (USD/Unit) by Type (2019-2024)

- Table 29. Global Friction Stir Welding Tools Sales (K Units) by Application
- Table 30. Global Friction Stir Welding Tools Market Size by Application
- Table 31. Global Friction Stir Welding Tools Sales by Application (2019-2024) & (K Units)
- Table 32. Global Friction Stir Welding Tools Sales Market Share by Application (2019-2024)
- Table 33. Global Friction Stir Welding Tools Sales by Application (2019-2024) & (M USD)
- Table 34. Global Friction Stir Welding Tools Market Share by Application (2019-2024)
- Table 35. Global Friction Stir Welding Tools Sales Growth Rate by Application (2019-2024)
- Table 36. Global Friction Stir Welding Tools Sales by Region (2019-2024) & (K Units)
- Table 37. Global Friction Stir Welding Tools Sales Market Share by Region (2019-2024)
- Table 38. North America Friction Stir Welding Tools Sales by Country (2019-2024) & (K Units)
- Table 39. Europe Friction Stir Welding Tools Sales by Country (2019-2024) & (K Units)
- Table 40. Asia Pacific Friction Stir Welding Tools Sales by Region (2019-2024) & (K Units)
- Table 41. South America Friction Stir Welding Tools Sales by Country (2019-2024) & (K Units)
- Table 42. Middle East and Africa Friction Stir Welding Tools Sales by Region (2019-2024) & (K Units)
- Table 43. Global Friction Stir Welding Tools Production (K Units) by Region (2019-2024)
- Table 44. Global Friction Stir Welding Tools Revenue (US\$ Million) by Region (2019-2024)
- Table 45. Global Friction Stir Welding Tools Revenue Market Share by Region (2019-2024)
- Table 46. Global Friction Stir Welding Tools Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 47. North America Friction Stir Welding Tools Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 48. Europe Friction Stir Welding Tools Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 49. Japan Friction Stir Welding Tools Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 50. China Friction Stir Welding Tools Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 51. ESAB Friction Stir Welding Tools Basic Information

Table 52. ESAB Friction Stir Welding Tools Product Overview

Table 53. ESAB Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 54. ESAB Business Overview

Table 55. ESAB Friction Stir Welding Tools SWOT Analysis

Table 56. ESAB Recent Developments

Table 57. Grenzebach Maschinenbau GmbH Friction Stir Welding Tools Basic Information

Table 58. Grenzebach Maschinenbau GmbH Friction Stir Welding Tools Product Overview

Table 59. Grenzebach Maschinenbau GmbH Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 60. Grenzebach Maschinenbau GmbH Business Overview

Table 61. Grenzebach Maschinenbau GmbH Friction Stir Welding Tools SWOT Analysis

Table 62. Grenzebach Maschinenbau GmbH Recent Developments

Table 63. Nova-Tech Engineering Friction Stir Welding Tools Basic Information

Table 64. Nova-Tech Engineering Friction Stir Welding Tools Product Overview

Table 65. Nova-Tech Engineering Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 66. Nova-Tech Engineering Friction Stir Welding Tools SWOT Analysis

Table 67. Nova-Tech Engineering Business Overview

Table 68. Nova-Tech Engineering Recent Developments

Table 69. Beijing FSW Friction Stir Welding Tools Basic Information

Table 70. Beijing FSW Friction Stir Welding Tools Product Overview

Table 71. Beijing FSW Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 72. Beijing FSW Business Overview

Table 73. Beijing FSW Recent Developments

Table 74. FOOKE GmbH Friction Stir Welding Tools Basic Information

Table 75. FOOKE GmbH Friction Stir Welding Tools Product Overview

Table 76. FOOKE GmbH Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 77. FOOKE GmbH Business Overview

Table 78. FOOKE GmbH Recent Developments

Table 79. PaR Systems Friction Stir Welding Tools Basic Information

Table 80. PaR Systems Friction Stir Welding Tools Product Overview

Table 81. PaR Systems Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 82. PaR Systems Business Overview
- Table 83. PaR Systems Recent Developments
- Table 84. Nitto Seiki Friction Stir Welding Tools Basic Information
- Table 85. Nitto Seiki Friction Stir Welding Tools Product Overview
- Table 86. Nitto Seiki Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 87. Nitto Seiki Business Overview
- Table 88. Nitto Seiki Recent Developments
- Table 89. General Tool Company Friction Stir Welding Tools Basic Information
- Table 90. General Tool Company Friction Stir Welding Tools Product Overview
- Table 91. General Tool Company Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 92. General Tool Company Business Overview
- Table 93. General Tool Company Recent Developments
- Table 94. Sooncable Friction Stir Welding Tools Basic Information
- Table 95. Sooncable Friction Stir Welding Tools Product Overview
- Table 96. Sooncable Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 97. Sooncable Business Overview
- Table 98. Sooncable Recent Developments
- Table 99. Gatwick Friction Stir Welding Tools Basic Information
- Table 100. Gatwick Friction Stir Welding Tools Product Overview
- Table 101. Gatwick Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 102. Gatwick Business Overview
- Table 103. Gatwick Recent Developments
- Table 104. Stirtec Gmbh Friction Stir Welding Tools Basic Information
- Table 105. Stirtec Gmbh Friction Stir Welding Tools Product Overview
- Table 106. Stirtec Gmbh Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 107. Stirtec Gmbh Business Overview
- Table 108. Stirtec Gmbh Recent Developments
- Table 109. Hitachi Friction Stir Welding Tools Basic Information
- Table 110. Hitachi Friction Stir Welding Tools Product Overview
- Table 111. Hitachi Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 112. Hitachi Business Overview
- Table 113. Hitachi Recent Developments
- Table 114. PTG Friction Stir Welding Tools Basic Information

Table 115. PTG Friction Stir Welding Tools Product Overview

Table 116. PTG Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 117. PTG Business Overview

Table 118. PTG Recent Developments

Table 119. BTI Friction Stir Welding Tools Basic Information

Table 120. BTI Friction Stir Welding Tools Product Overview

Table 121. BTI Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 122. BTI Business Overview

Table 123. BTI Recent Developments

Table 124. Valmet Friction Stir Welding Tools Basic Information

Table 125. Valmet Friction Stir Welding Tools Product Overview

Table 126. Valmet Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 127. Valmet Business Overview

Table 128. Valmet Recent Developments

Table 129. Ekato Friction Stir Welding Tools Basic Information

Table 130. Ekato Friction Stir Welding Tools Product Overview

Table 131. Ekato Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 132. Ekato Business Overview

Table 133. Ekato Recent Developments

Table 134. Xi'an Yonghua Friction Stir Welding Tools Basic Information

Table 135. Xi'an Yonghua Friction Stir Welding Tools Product Overview

Table 136. Xi'an Yonghua Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 137. Xi'an Yonghua Business Overview

Table 138. Xi'an Yonghua Recent Developments

Table 139. Fluiten Friction Stir Welding Tools Basic Information

Table 140. Fluiten Friction Stir Welding Tools Product Overview

Table 141. Fluiten Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

Table 142. Fluiten Business Overview

Table 143. Fluiten Recent Developments

Table 144. James Walker Friction Stir Welding Tools Basic Information

Table 145. James Walker Friction Stir Welding Tools Product Overview

Table 146. James Walker Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)

- Table 147. James Walker Business Overview
- Table 148. James Walker Recent Developments
- Table 149. Huayang Seals Friction Stir Welding Tools Basic Information
- Table 150. Huayang Seals Friction Stir Welding Tools Product Overview
- Table 151. Huayang Seals Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 152. Huayang Seals Business Overview
- Table 153. Huayang Seals Recent Developments
- Table 154. Huhnseal Friction Stir Welding Tools Basic Information
- Table 155. Huhnseal Friction Stir Welding Tools Product Overview
- Table 156. Huhnseal Friction Stir Welding Tools Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2019-2024)
- Table 157. Huhnseal Business Overview
- Table 158. Huhnseal Recent Developments
- Table 159. Global Friction Stir Welding Tools Sales Forecast by Region (2025-2032) & (K Units)
- Table 160. Global Friction Stir Welding Tools Market Size Forecast by Region (2025-2032) & (M USD)
- Table 161. North America Friction Stir Welding Tools Sales Forecast by Country (2025-2032) & (K Units)
- Table 162. North America Friction Stir Welding Tools Market Size Forecast by Country (2025-2032) & (M USD)
- Table 163. Europe Friction Stir Welding Tools Sales Forecast by Country (2025-2032) & (K Units)
- Table 164. Europe Friction Stir Welding Tools Market Size Forecast by Country (2025-2032) & (M USD)
- Table 165. Asia Pacific Friction Stir Welding Tools Sales Forecast by Region (2025-2032) & (K Units)
- Table 166. Asia Pacific Friction Stir Welding Tools Market Size Forecast by Region (2025-2032) & (M USD)
- Table 167. South America Friction Stir Welding Tools Sales Forecast by Country (2025-2032) & (K Units)
- Table 168. South America Friction Stir Welding Tools Market Size Forecast by Country (2025-2032) & (M USD)
- Table 169. Middle East and Africa Friction Stir Welding Tools Consumption Forecast by Country (2025-2032) & (Units)
- Table 170. Middle East and Africa Friction Stir Welding Tools Market Size Forecast by Country (2025-2032) & (M USD)
- Table 171. Global Friction Stir Welding Tools Sales Forecast by Type (2025-2032) & (K

Units)

Table 172. Global Friction Stir Welding Tools Market Size Forecast by Type (2025-2032) & (M USD)

Table 173. Global Friction Stir Welding Tools Price Forecast by Type (2025-2032) & (USD/Unit)

Table 174. Global Friction Stir Welding Tools Sales (K Units) Forecast by Application (2025-2032)

Table 175. Global Friction Stir Welding Tools Market Size Forecast by Application (2025-2032) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of Friction Stir Welding Tools
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global Friction Stir Welding Tools Market Size (M USD), 2019-2032
- Figure 5. Global Friction Stir Welding Tools Market Size (M USD) (2019-2032)
- Figure 6. Global Friction Stir Welding Tools Sales (K Units) & (2019-2032)
- 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 Tools Market Size by Country (M USD)
- Figure 11. Friction Stir Welding Tools Sales Share by Manufacturers in 2023
- Figure 12. Global Friction Stir Welding Tools Revenue Share by Manufacturers in 2023
- Figure 13. Friction Stir Welding Tools Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2023
- Figure 14. Global Market Friction Stir Welding Tools Average Price (USD/Unit) of Key Manufacturers in 2023
- Figure 15. The Global 5 and 10 Largest Players: Market Share by Friction Stir Welding Tools Revenue in 2023
- Figure 16. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 17. Global Friction Stir Welding Tools Market Share by Type
- Figure 18. Sales Market Share of Friction Stir Welding Tools by Type (2019-2024)
- Figure 19. Sales Market Share of Friction Stir Welding Tools by Type in 2023
- Figure 20. Market Size Share of Friction Stir Welding Tools by Type (2019-2024)
- Figure 21. Market Size Market Share of Friction Stir Welding Tools by Type in 2023
- Figure 22. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 23. Global Friction Stir Welding Tools Market Share by Application
- Figure 24. Global Friction Stir Welding Tools Sales Market Share by Application (2019-2024)
- Figure 25. Global Friction Stir Welding Tools Sales Market Share by Application in 2023
- Figure 26. Global Friction Stir Welding Tools Market Share by Application (2019-2024)
- Figure 27. Global Friction Stir Welding Tools Market Share by Application in 2023
- Figure 28. Global Friction Stir Welding Tools Sales Growth Rate by Application (2019-2024)
- Figure 29. Global Friction Stir Welding Tools Sales Market Share by Region (2019-2024)

Figure 30. North America Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 31. North America Friction Stir Welding Tools Sales Market Share by Country in 2023

Figure 32. U.S. Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 33. Canada Friction Stir Welding Tools Sales (K Units) and Growth Rate (2019-2024)

Figure 34. Mexico Friction Stir Welding Tools Sales (Units) and Growth Rate (2019-2024)

Figure 35. Europe Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 36. Europe Friction Stir Welding Tools Sales Market Share by Country in 2023

Figure 37. Germany Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 38. France Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 39. U.K. Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 40. Italy Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 41. Russia Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 42. Asia Pacific Friction Stir Welding Tools Sales and Growth Rate (K Units)

Figure 43. Asia Pacific Friction Stir Welding Tools Sales Market Share by Region in 2023

Figure 44. China Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 45. Japan Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 46. South Korea Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 47. India Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 48. Southeast Asia Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 49. South America Friction Stir Welding Tools Sales and Growth Rate (K Units)

Figure 50. South America Friction Stir Welding Tools Sales Market Share by Country in 2023

Figure 51. Brazil Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 52. Argentina Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 53. Columbia Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 54. Middle East and Africa Friction Stir Welding Tools Sales and Growth Rate (K Units)

Figure 55. Middle East and Africa Friction Stir Welding Tools Sales Market Share by Region in 2023

Figure 56. Saudi Arabia Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 57. UAE Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 58. Egypt Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 59. Nigeria Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 60. South Africa Friction Stir Welding Tools Sales and Growth Rate (2019-2024) & (K Units)

Figure 61. Global Friction Stir Welding Tools Production Market Share by Region (2019-2024)

Figure 62. North America Friction Stir Welding Tools Production (K Units) Growth Rate (2019-2024)

Figure 63. Europe Friction Stir Welding Tools Production (K Units) Growth Rate (2019-2024)

Figure 64. Japan Friction Stir Welding Tools Production (K Units) Growth Rate (2019-2024)

Figure 65. China Friction Stir Welding Tools Production (K Units) Growth Rate (2019-2024)

Figure 66. Global Friction Stir Welding Tools Sales Forecast by Volume (2019-2032) & (K Units)

Figure 67. Global Friction Stir Welding Tools Market Size Forecast by Value (2019-2032) & (M USD)

Figure 68. Global Friction Stir Welding Tools Sales Market Share Forecast by Type (2025-2032)

Figure 69. Global Friction Stir Welding Tools Market Share Forecast by Type (2025-2032)

Figure 70. Global Friction Stir Welding Tools Sales Forecast by Application (2025-2032)

Figure 71. Global Friction Stir Welding Tools Market Share Forecast by Application
(2025-2032)

I would like to order

Product name: Global Friction Stir Welding Tools Market Research Report 2024, Forecast to 2032

Product link: <https://marketpublishers.com/r/G2F727ADB312EN.html>

Price: US\$ 3,400.00 (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/G2F727ADB312EN.html>