

Global Friction Welding Industry Research Report, Competitive Landscape, Market Size, Regional Status and Prospect

<https://marketpublishers.com/r/G712DBBFAE8CEN.html>

Date: April 2023

Pages: 109

Price: US\$ 3,250.00 (Single User License)

ID: G712DBBFAE8CEN

Abstracts

The report combines extensive quantitative analysis and exhaustive qualitative analysis, ranges from a macro overview of the total market size, industry chain, and market dynamics to micro details of segment markets by type, application and region, and, as a result, provides a holistic view of, as well as a deep insight into the Friction Welding market covering all its essential aspects.

For the competitive landscape, the report also introduces players in the industry from the perspective of the market share, concentration ratio, etc., and describes the leading companies in detail, with which the readers can get a better idea of their competitors and acquire an in-depth understanding of the competitive situation. Further, mergers & acquisitions, emerging market trends, the impact of COVID-19, and regional conflicts will all be considered.

In a nutshell, 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 market in any manner.

Key players in the global Friction Welding market are covered in Chapter 9:

PaR Systems
Sakae Industries
Dukane
Symacon
Beijing FSW
MTI

Sooncable

Keber

Grenzebach Maschinenbau GmbH

General Tool Company

Bielomatik

Izumi Machine

Gatwick

Nitto Seiki

FOOKE GmbH

Crest Group

Nova-Tech Engineering

ESAB

Branson (Emerson)

ETA

U-Jin Tech

KUKA

In Chapter 5 and Chapter 7.3, based on types, the Friction Welding market from 2017 to 2027 is primarily split into:

Linear Friction Welding

Rotary Friction Welding

Stir Friction Welding

In Chapter 6 and Chapter 7.4, based on applications, the Friction Welding market from 2017 to 2027 covers:

Aerospace

Automotive

Shipbuilding

Railways

Others

Geographically, the detailed analysis of consumption, revenue, market share and growth rate, historical data and forecast (2017-2027) of the following regions are covered in Chapter 4 and Chapter 7:

United States

Europe
China
Japan
India
Southeast Asia
Latin America
Middle East and Africa

Client Focus

1. Does this report consider the impact of COVID-19 and the Russia-Ukraine war on the Friction Welding market?

Yes. As the COVID-19 and the Russia-Ukraine war are profoundly affecting the global supply chain relationship and raw material price system, we have definitely taken them into consideration throughout the research, and in Chapters 1.7, 2.7, 4.X.1, 7.5, 8.7, we elaborate at full length on the impact of the pandemic and the war on the Friction Welding Industry.

2. How do you determine the list of the key players included in the report?

With the aim of clearly revealing the competitive situation of the industry, we concretely analyze not only the leading enterprises that have a voice on a global scale, but also the regional small and medium-sized companies that play key roles and have plenty of potential growth.

Please find the key player list in Summary.

3. What are your main data sources?

Both Primary and Secondary data sources are being used while compiling the report.

Primary sources include extensive interviews of key opinion leaders and industry experts (such as experienced front-line staff, directors, CEOs, and marketing executives), downstream distributors, as well as end-users.

Secondary sources include the research of the annual and financial reports of the top companies, public files, new journals, etc. We also cooperate with some third-party databases.

Please find a more complete list of data sources in Chapters 11.2.1 & 11.2.2.

4. Can I modify the scope of the report and customize it to suit my requirements?

Yes. Customized requirements of multi-dimensional, deep-level and high-quality can help our customers precisely grasp market opportunities, effortlessly confront market challenges, properly formulate market strategies and act promptly, thus to win them sufficient time and space for market competition.

Outline

Chapter 1 mainly defines the market scope and introduces the macro overview of the industry, with an executive summary of different market segments ((by type, application, region, etc.), including the definition, market size, and trend of each market segment.

Chapter 2 provides a qualitative analysis of the current status and future trends of the market. Industry Entry Barriers, market drivers, market challenges, emerging markets, consumer preference analysis, together with the impact of the COVID-19 outbreak will all be thoroughly explained.

Chapter 3 analyzes the current competitive situation of the market by providing data regarding the players, including their sales volume and revenue with corresponding market shares, price and gross margin. In addition, information about market concentration ratio, mergers, acquisitions, and expansion plans will also be covered.

Chapter 4 focuses on the regional market, presenting detailed data (i.e., sales volume, revenue, price, gross margin) of the most representative regions and countries in the world.

Chapter 5 provides the analysis of various market segments according to product types, covering sales volume, revenue along with market share and growth rate, plus the price analysis of each type.

Chapter 6 shows the breakdown data of different applications, including the consumption and revenue with market share and growth rate, with the aim of helping the readers to take a close-up look at the downstream market.

Chapter 7 provides a combination of quantitative and qualitative analyses of the market

size and development trends in the next five years. The forecast information of the whole, as well as the breakdown market, offers the readers a chance to look into the future of the industry.

Chapter 8 is the analysis of the whole market industrial chain, covering key raw materials suppliers and price analysis, manufacturing cost structure analysis, alternative product analysis, also providing information on major distributors, downstream buyers, and the impact of COVID-19 pandemic.

Chapter 9 shares a list of the key players in the market, together with their basic information, product profiles, market performance (i.e., sales volume, price, revenue, gross margin), recent development, SWOT analysis, etc.

Chapter 10 is the conclusion of the report which helps the readers to sum up the main findings and points.

Chapter 11 introduces the market research methods and data sources.

Years considered for this report:

Historical Years: 2017-2021

Base Year: 2021

Estimated Year: 2022

Forecast Period: 2022-2027

Contents

1 FRICTION WELDING MARKET OVERVIEW

- 1.1 Product Overview and Scope of Friction Welding Market
- 1.2 Friction Welding Market Segment by Type
 - 1.2.1 Global Friction Welding Market Sales Volume and CAGR (%) Comparison by Type (2017-2027)
- 1.3 Global Friction Welding Market Segment by Application
 - 1.3.1 Friction Welding Market Consumption (Sales Volume) Comparison by Application (2017-2027)
- 1.4 Global Friction Welding Market, Region Wise (2017-2027)
 - 1.4.1 Global Friction Welding Market Size (Revenue) and CAGR (%) Comparison by Region (2017-2027)
 - 1.4.2 United States Friction Welding Market Status and Prospect (2017-2027)
 - 1.4.3 Europe Friction Welding Market Status and Prospect (2017-2027)
 - 1.4.4 China Friction Welding Market Status and Prospect (2017-2027)
 - 1.4.5 Japan Friction Welding Market Status and Prospect (2017-2027)
 - 1.4.6 India Friction Welding Market Status and Prospect (2017-2027)
 - 1.4.7 Southeast Asia Friction Welding Market Status and Prospect (2017-2027)
 - 1.4.8 Latin America Friction Welding Market Status and Prospect (2017-2027)
 - 1.4.9 Middle East and Africa Friction Welding Market Status and Prospect (2017-2027)
- 1.5 Global Market Size of Friction Welding (2017-2027)
 - 1.5.1 Global Friction Welding Market Revenue Status and Outlook (2017-2027)
 - 1.5.2 Global Friction Welding Market Sales Volume Status and Outlook (2017-2027)
- 1.6 Global Macroeconomic Analysis
- 1.7 The impact of the Russia-Ukraine war on the Friction Welding Market

2 INDUSTRY OUTLOOK

- 2.1 Friction Welding Industry Technology Status and Trends
- 2.2 Industry Entry Barriers
 - 2.2.1 Analysis of Financial Barriers
 - 2.2.2 Analysis of Technical Barriers
 - 2.2.3 Analysis of Talent Barriers
 - 2.2.4 Analysis of Brand Barrier
- 2.3 Friction Welding Market Drivers Analysis
- 2.4 Friction Welding Market Challenges Analysis
- 2.5 Emerging Market Trends

2.6 Consumer Preference Analysis

2.7 Friction Welding Industry Development Trends under COVID-19 Outbreak

2.7.1 Global COVID-19 Status Overview

2.7.2 Influence of COVID-19 Outbreak on Friction Welding Industry Development

3 GLOBAL FRICTION WELDING MARKET LANDSCAPE BY PLAYER

3.1 Global Friction Welding Sales Volume and Share by Player (2017-2022)

3.2 Global Friction Welding Revenue and Market Share by Player (2017-2022)

3.3 Global Friction Welding Average Price by Player (2017-2022)

3.4 Global Friction Welding Gross Margin by Player (2017-2022)

3.5 Friction Welding Market Competitive Situation and Trends

3.5.1 Friction Welding Market Concentration Rate

3.5.2 Friction Welding Market Share of Top 3 and Top 6 Players

3.5.3 Mergers & Acquisitions, Expansion

4 GLOBAL FRICTION WELDING SALES VOLUME AND REVENUE REGION WISE (2017-2022)

4.1 Global Friction Welding Sales Volume and Market Share, Region Wise (2017-2022)

4.2 Global Friction Welding Revenue and Market Share, Region Wise (2017-2022)

4.3 Global Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.4 United States Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.4.1 United States Friction Welding Market Under COVID-19

4.5 Europe Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.5.1 Europe Friction Welding Market Under COVID-19

4.6 China Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.6.1 China Friction Welding Market Under COVID-19

4.7 Japan Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.7.1 Japan Friction Welding Market Under COVID-19

4.8 India Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.8.1 India Friction Welding Market Under COVID-19

4.9 Southeast Asia Friction Welding Sales Volume, Revenue, Price and Gross Margin

(2017-2022)

4.9.1 Southeast Asia Friction Welding Market Under COVID-19

4.10 Latin America Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.10.1 Latin America Friction Welding Market Under COVID-19

4.11 Middle East and Africa Friction Welding Sales Volume, Revenue, Price and Gross Margin (2017-2022)

4.11.1 Middle East and Africa Friction Welding Market Under COVID-19

5 GLOBAL FRICTION WELDING SALES VOLUME, REVENUE, PRICE TREND BY TYPE

5.1 Global Friction Welding Sales Volume and Market Share by Type (2017-2022)

5.2 Global Friction Welding Revenue and Market Share by Type (2017-2022)

5.3 Global Friction Welding Price by Type (2017-2022)

5.4 Global Friction Welding Sales Volume, Revenue and Growth Rate by Type (2017-2022)

5.4.1 Global Friction Welding Sales Volume, Revenue and Growth Rate of Linear Friction Welding (2017-2022)

5.4.2 Global Friction Welding Sales Volume, Revenue and Growth Rate of Rotary Friction Welding (2017-2022)

5.4.3 Global Friction Welding Sales Volume, Revenue and Growth Rate of Stir Friction Welding (2017-2022)

6 GLOBAL FRICTION WELDING MARKET ANALYSIS BY APPLICATION

6.1 Global Friction Welding Consumption and Market Share by Application (2017-2022)

6.2 Global Friction Welding Consumption Revenue and Market Share by Application (2017-2022)

6.3 Global Friction Welding Consumption and Growth Rate by Application (2017-2022)

6.3.1 Global Friction Welding Consumption and Growth Rate of Aerospace (2017-2022)

6.3.2 Global Friction Welding Consumption and Growth Rate of Automotive (2017-2022)

6.3.3 Global Friction Welding Consumption and Growth Rate of Shipbuilding (2017-2022)

6.3.4 Global Friction Welding Consumption and Growth Rate of Railways (2017-2022)

6.3.5 Global Friction Welding Consumption and Growth Rate of Others (2017-2022)

7 GLOBAL FRICTION WELDING MARKET FORECAST (2022-2027)

7.1 Global Friction Welding Sales Volume, Revenue Forecast (2022-2027)

7.1.1 Global Friction Welding Sales Volume and Growth Rate Forecast (2022-2027)

7.1.2 Global Friction Welding Revenue and Growth Rate Forecast (2022-2027)

7.1.3 Global Friction Welding Price and Trend Forecast (2022-2027)

7.2 Global Friction Welding Sales Volume and Revenue Forecast, Region Wise (2022-2027)

7.2.1 United States Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.2.2 Europe Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.2.3 China Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.2.4 Japan Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.2.5 India Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.2.6 Southeast Asia Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.2.7 Latin America Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.2.8 Middle East and Africa Friction Welding Sales Volume and Revenue Forecast (2022-2027)

7.3 Global Friction Welding Sales Volume, Revenue and Price Forecast by Type (2022-2027)

7.3.1 Global Friction Welding Revenue and Growth Rate of Linear Friction Welding (2022-2027)

7.3.2 Global Friction Welding Revenue and Growth Rate of Rotary Friction Welding (2022-2027)

7.3.3 Global Friction Welding Revenue and Growth Rate of Stir Friction Welding (2022-2027)

7.4 Global Friction Welding Consumption Forecast by Application (2022-2027)

7.4.1 Global Friction Welding Consumption Value and Growth Rate of Aerospace(2022-2027)

7.4.2 Global Friction Welding Consumption Value and Growth Rate of Automotive(2022-2027)

7.4.3 Global Friction Welding Consumption Value and Growth Rate of Shipbuilding(2022-2027)

7.4.4 Global Friction Welding Consumption Value and Growth Rate of Railways(2022-2027)

7.4.5 Global Friction Welding Consumption Value and Growth Rate of Others(2022-2027)

7.5 Friction Welding Market Forecast Under COVID-19

8 FRICTION WELDING MARKET UPSTREAM AND DOWNSTREAM ANALYSIS

8.1 Friction Welding Industrial Chain Analysis

8.2 Key Raw Materials Suppliers and Price Analysis

8.3 Manufacturing Cost Structure Analysis

8.3.1 Labor Cost Analysis

8.3.2 Energy Costs Analysis

8.3.3 R&D Costs Analysis

8.4 Alternative Product Analysis

8.5 Major Distributors of Friction Welding Analysis

8.6 Major Downstream Buyers of Friction Welding Analysis

8.7 Impact of COVID-19 and the Russia-Ukraine war on the Upstream and Downstream in the Friction Welding Industry

9 PLAYERS PROFILES

9.1 PaR Systems

9.1.1 PaR Systems Basic Information, Manufacturing Base, Sales Region and Competitors

9.1.2 Friction Welding Product Profiles, Application and Specification

9.1.3 PaR Systems Market Performance (2017-2022)

9.1.4 Recent Development

9.1.5 SWOT Analysis

9.2 Sakae Industries

9.2.1 Sakae Industries Basic Information, Manufacturing Base, Sales Region and Competitors

9.2.2 Friction Welding Product Profiles, Application and Specification

9.2.3 Sakae Industries Market Performance (2017-2022)

9.2.4 Recent Development

9.2.5 SWOT Analysis

9.3 Dukane

9.3.1 Dukane Basic Information, Manufacturing Base, Sales Region and Competitors

9.3.2 Friction Welding Product Profiles, Application and Specification

9.3.3 Dukane Market Performance (2017-2022)

9.3.4 Recent Development

9.3.5 SWOT Analysis

9.4 Symacon

- 9.4.1 Symacon Basic Information, Manufacturing Base, Sales Region and Competitors
- 9.4.2 Friction Welding Product Profiles, Application and Specification
- 9.4.3 Symacon Market Performance (2017-2022)
- 9.4.4 Recent Development
- 9.4.5 SWOT Analysis
- 9.5 Beijing FSW
 - 9.5.1 Beijing FSW Basic Information, Manufacturing Base, Sales Region and Competitors
 - 9.5.2 Friction Welding Product Profiles, Application and Specification
 - 9.5.3 Beijing FSW Market Performance (2017-2022)
 - 9.5.4 Recent Development
 - 9.5.5 SWOT Analysis
- 9.6 MTI
 - 9.6.1 MTI Basic Information, Manufacturing Base, Sales Region and Competitors
 - 9.6.2 Friction Welding Product Profiles, Application and Specification
 - 9.6.3 MTI Market Performance (2017-2022)
 - 9.6.4 Recent Development
 - 9.6.5 SWOT Analysis
- 9.7 Sooncable
 - 9.7.1 Sooncable Basic Information, Manufacturing Base, Sales Region and Competitors
 - 9.7.2 Friction Welding Product Profiles, Application and Specification
 - 9.7.3 Sooncable Market Performance (2017-2022)
 - 9.7.4 Recent Development
 - 9.7.5 SWOT Analysis
- 9.8 Keber
 - 9.8.1 Keber Basic Information, Manufacturing Base, Sales Region and Competitors
 - 9.8.2 Friction Welding Product Profiles, Application and Specification
 - 9.8.3 Keber Market Performance (2017-2022)
 - 9.8.4 Recent Development
 - 9.8.5 SWOT Analysis
- 9.9 Grenzebach Maschinenbau GmbH
 - 9.9.1 Grenzebach Maschinenbau GmbH Basic Information, Manufacturing Base, Sales Region and Competitors
 - 9.9.2 Friction Welding Product Profiles, Application and Specification
 - 9.9.3 Grenzebach Maschinenbau GmbH Market Performance (2017-2022)
 - 9.9.4 Recent Development
 - 9.9.5 SWOT Analysis
- 9.10 General Tool Company

9.10.1 General Tool Company Basic Information, Manufacturing Base, Sales Region and Competitors

9.10.2 Friction Welding Product Profiles, Application and Specification

9.10.3 General Tool Company Market Performance (2017-2022)

9.10.4 Recent Development

9.10.5 SWOT Analysis

9.11 Bielomatik

9.11.1 Bielomatik Basic Information, Manufacturing Base, Sales Region and Competitors

9.11.2 Friction Welding Product Profiles, Application and Specification

9.11.3 Bielomatik Market Performance (2017-2022)

9.11.4 Recent Development

9.11.5 SWOT Analysis

9.12 Izumi Machine

9.12.1 Izumi Machine Basic Information, Manufacturing Base, Sales Region and Competitors

9.12.2 Friction Welding Product Profiles, Application and Specification

9.12.3 Izumi Machine Market Performance (2017-2022)

9.12.4 Recent Development

9.12.5 SWOT Analysis

9.13 Gatwick

9.13.1 Gatwick Basic Information, Manufacturing Base, Sales Region and Competitors

9.13.2 Friction Welding Product Profiles, Application and Specification

9.13.3 Gatwick Market Performance (2017-2022)

9.13.4 Recent Development

9.13.5 SWOT Analysis

9.14 Nitto Seiki

9.14.1 Nitto Seiki Basic Information, Manufacturing Base, Sales Region and Competitors

9.14.2 Friction Welding Product Profiles, Application and Specification

9.14.3 Nitto Seiki Market Performance (2017-2022)

9.14.4 Recent Development

9.14.5 SWOT Analysis

9.15 FOOKE GmbH

9.15.1 FOOKE GmbH Basic Information, Manufacturing Base, Sales Region and Competitors

9.15.2 Friction Welding Product Profiles, Application and Specification

9.15.3 FOOKE GmbH Market Performance (2017-2022)

9.15.4 Recent Development

9.15.5 SWOT Analysis

9.16 Crest Group

9.16.1 Crest Group Basic Information, Manufacturing Base, Sales Region and Competitors

9.16.2 Friction Welding Product Profiles, Application and Specification

9.16.3 Crest Group Market Performance (2017-2022)

9.16.4 Recent Development

9.16.5 SWOT Analysis

9.17 Nova-Tech Engineering

9.17.1 Nova-Tech Engineering Basic Information, Manufacturing Base, Sales Region and Competitors

9.17.2 Friction Welding Product Profiles, Application and Specification

9.17.3 Nova-Tech Engineering Market Performance (2017-2022)

9.17.4 Recent Development

9.17.5 SWOT Analysis

9.18 ESAB

9.18.1 ESAB Basic Information, Manufacturing Base, Sales Region and Competitors

9.18.2 Friction Welding Product Profiles, Application and Specification

9.18.3 ESAB Market Performance (2017-2022)

9.18.4 Recent Development

9.18.5 SWOT Analysis

9.19 Branson (Emerson)

9.19.1 Branson (Emerson) Basic Information, Manufacturing Base, Sales Region and Competitors

9.19.2 Friction Welding Product Profiles, Application and Specification

9.19.3 Branson (Emerson) Market Performance (2017-2022)

9.19.4 Recent Development

9.19.5 SWOT Analysis

9.20 ETA

9.20.1 ETA Basic Information, Manufacturing Base, Sales Region and Competitors

9.20.2 Friction Welding Product Profiles, Application and Specification

9.20.3 ETA Market Performance (2017-2022)

9.20.4 Recent Development

9.20.5 SWOT Analysis

9.21 U-Jin Tech

9.21.1 U-Jin Tech Basic Information, Manufacturing Base, Sales Region and Competitors

9.21.2 Friction Welding Product Profiles, Application and Specification

9.21.3 U-Jin Tech Market Performance (2017-2022)

9.21.4 Recent Development

9.21.5 SWOT Analysis

9.22 KUKA

9.22.1 KUKA Basic Information, Manufacturing Base, Sales Region and Competitors

9.22.2 Friction Welding Product Profiles, Application and Specification

9.22.3 KUKA Market Performance (2017-2022)

9.22.4 Recent Development

9.22.5 SWOT Analysis

10 RESEARCH FINDINGS AND CONCLUSION

11 APPENDIX

11.1 Methodology

11.2 Research Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Friction Welding Product Picture

Table Global Friction Welding Market Sales Volume and CAGR (%) Comparison by Type

Table Friction Welding Market Consumption (Sales Volume) Comparison by Application (2017-2027)

Figure Global Friction Welding Market Size (Revenue, Million USD) and CAGR (%) (2017-2027)

Figure United States Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Europe Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure China Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Japan Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure India Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Southeast Asia Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Latin America Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Middle East and Africa Friction Welding Market Revenue (Million USD) and Growth Rate (2017-2027)

Figure Global Friction Welding Market Sales Volume Status and Outlook (2017-2027)

Table Global Macroeconomic Analysis

Figure Global COVID-19 Status Overview

Table Influence of COVID-19 Outbreak on Friction Welding Industry Development

Table Global Friction Welding Sales Volume by Player (2017-2022)

Table Global Friction Welding Sales Volume Share by Player (2017-2022)

Figure Global Friction Welding Sales Volume Share by Player in 2021

Table Friction Welding Revenue (Million USD) by Player (2017-2022)

Table Friction Welding Revenue Market Share by Player (2017-2022)

Table Friction Welding Price by Player (2017-2022)

Table Friction Welding Gross Margin by Player (2017-2022)

Table Mergers & Acquisitions, Expansion Plans

Table Global Friction Welding Sales Volume, Region Wise (2017-2022)

Table Global Friction Welding Sales Volume Market Share, Region Wise (2017-2022)

Figure Global Friction Welding Sales Volume Market Share, Region Wise (2017-2022)

Figure Global Friction Welding Sales Volume Market Share, Region Wise in 2021

Table Global Friction Welding Revenue (Million USD), Region Wise (2017-2022)

Table Global Friction Welding Revenue Market Share, Region Wise (2017-2022)

Figure Global Friction Welding Revenue Market Share, Region Wise (2017-2022)

Figure Global Friction Welding Revenue Market Share, Region Wise in 2021

Table Global Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table United States Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Europe Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table China Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Japan Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table India Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Southeast Asia Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Latin America Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Middle East and Africa Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Table Global Friction Welding Sales Volume by Type (2017-2022)

Table Global Friction Welding Sales Volume Market Share by Type (2017-2022)

Figure Global Friction Welding Sales Volume Market Share by Type in 2021

Table Global Friction Welding Revenue (Million USD) by Type (2017-2022)

Table Global Friction Welding Revenue Market Share by Type (2017-2022)

Figure Global Friction Welding Revenue Market Share by Type in 2021

Table Friction Welding Price by Type (2017-2022)

Figure Global Friction Welding Sales Volume and Growth Rate of Linear Friction Welding (2017-2022)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Linear Friction Welding (2017-2022)

Figure Global Friction Welding Sales Volume and Growth Rate of Rotary Friction Welding (2017-2022)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Rotary Friction Welding (2017-2022)

Figure Global Friction Welding Sales Volume and Growth Rate of Stir Friction Welding (2017-2022)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Stir Friction Welding (2017-2022)

Table Global Friction Welding Consumption by Application (2017-2022)

Table Global Friction Welding Consumption Market Share by Application (2017-2022)

Table Global Friction Welding Consumption Revenue (Million USD) by Application (2017-2022)

Table Global Friction Welding Consumption Revenue Market Share by Application (2017-2022)

Table Global Friction Welding Consumption and Growth Rate of Aerospace (2017-2022)

Table Global Friction Welding Consumption and Growth Rate of Automotive (2017-2022)

Table Global Friction Welding Consumption and Growth Rate of Shipbuilding (2017-2022)

Table Global Friction Welding Consumption and Growth Rate of Railways (2017-2022)

Table Global Friction Welding Consumption and Growth Rate of Others (2017-2022)

Figure Global Friction Welding Sales Volume and Growth Rate Forecast (2022-2027)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate Forecast (2022-2027)

Figure Global Friction Welding Price and Trend Forecast (2022-2027)

Figure USA Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure USA Friction Welding Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Europe Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Europe Friction Welding Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure China Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure China Friction Welding Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Japan Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Japan Friction Welding Market Revenue (Million USD) and Growth Rate

Forecast Analysis (2022-2027)

Figure India Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure India Friction Welding Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Southeast Asia Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Southeast Asia Friction Welding Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Latin America Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Latin America Friction Welding Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Figure Middle East and Africa Friction Welding Market Sales Volume and Growth Rate Forecast Analysis (2022-2027)

Figure Middle East and Africa Friction Welding Market Revenue (Million USD) and Growth Rate Forecast Analysis (2022-2027)

Table Global Friction Welding Market Sales Volume Forecast, by Type

Table Global Friction Welding Sales Volume Market Share Forecast, by Type

Table Global Friction Welding Market Revenue (Million USD) Forecast, by Type

Table Global Friction Welding Revenue Market Share Forecast, by Type

Table Global Friction Welding Price Forecast, by Type

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Linear Friction Welding (2022-2027)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Linear Friction Welding (2022-2027)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Rotary Friction Welding (2022-2027)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Rotary Friction Welding (2022-2027)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Stir Friction Welding (2022-2027)

Figure Global Friction Welding Revenue (Million USD) and Growth Rate of Stir Friction Welding (2022-2027)

Table Global Friction Welding Market Consumption Forecast, by Application

Table Global Friction Welding Consumption Market Share Forecast, by Application

Table Global Friction Welding Market Revenue (Million USD) Forecast, by Application

Table Global Friction Welding Revenue Market Share Forecast, by Application

Figure Global Friction Welding Consumption Value (Million USD) and Growth Rate of

Aerospace (2022-2027)

Figure Global Friction Welding Consumption Value (Million USD) and Growth Rate of Automotive (2022-2027)

Figure Global Friction Welding Consumption Value (Million USD) and Growth Rate of Shipbuilding (2022-2027)

Figure Global Friction Welding Consumption Value (Million USD) and Growth Rate of Railways (2022-2027)

Figure Global Friction Welding Consumption Value (Million USD) and Growth Rate of Others (2022-2027)

Figure Friction Welding Industrial Chain Analysis

Table Key Raw Materials Suppliers and Price Analysis

Figure Manufacturing Cost Structure Analysis

Table Alternative Product Analysis

Table Downstream Distributors

Table Downstream Buyers

Table PaR Systems Profile

Table PaR Systems Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure PaR Systems Friction Welding Sales Volume and Growth Rate

Figure PaR Systems Revenue (Million USD) Market Share 2017-2022

Table Sakae Industries Profile

Table Sakae Industries Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Sakae Industries Friction Welding Sales Volume and Growth Rate

Figure Sakae Industries Revenue (Million USD) Market Share 2017-2022

Table Dukane Profile

Table Dukane Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Dukane Friction Welding Sales Volume and Growth Rate

Figure Dukane Revenue (Million USD) Market Share 2017-2022

Table Symacon Profile

Table Symacon Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Symacon Friction Welding Sales Volume and Growth Rate

Figure Symacon Revenue (Million USD) Market Share 2017-2022

Table Beijing FSW Profile

Table Beijing FSW Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Beijing FSW Friction Welding Sales Volume and Growth Rate

Figure Beijing FSW Revenue (Million USD) Market Share 2017-2022

Table MTI Profile

Table MTI Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure MTI Friction Welding Sales Volume and Growth Rate

Figure MTI Revenue (Million USD) Market Share 2017-2022

Table Sooncable Profile

Table Sooncable Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Sooncable Friction Welding Sales Volume and Growth Rate

Figure Sooncable Revenue (Million USD) Market Share 2017-2022

Table Keber Profile

Table Keber Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Keber Friction Welding Sales Volume and Growth Rate

Figure Keber Revenue (Million USD) Market Share 2017-2022

Table Grenzebach Maschinenbau GmbH Profile

Table Grenzebach Maschinenbau GmbH Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Grenzebach Maschinenbau GmbH Friction Welding Sales Volume and Growth Rate

Figure Grenzebach Maschinenbau GmbH Revenue (Million USD) Market Share 2017-2022

Table General Tool Company Profile

Table General Tool Company Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure General Tool Company Friction Welding Sales Volume and Growth Rate

Figure General Tool Company Revenue (Million USD) Market Share 2017-2022

Table Bielomatik Profile

Table Bielomatik Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Bielomatik Friction Welding Sales Volume and Growth Rate

Figure Bielomatik Revenue (Million USD) Market Share 2017-2022

Table Izumi Machine Profile

Table Izumi Machine Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Izumi Machine Friction Welding Sales Volume and Growth Rate

Figure Izumi Machine Revenue (Million USD) Market Share 2017-2022

Table Gatwick Profile

Table Gatwick Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Gatwick Friction Welding Sales Volume and Growth Rate

Figure Gatwick Revenue (Million USD) Market Share 2017-2022

Table Nitto Seiki Profile

Table Nitto Seiki Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Nitto Seiki Friction Welding Sales Volume and Growth Rate

Figure Nitto Seiki Revenue (Million USD) Market Share 2017-2022

Table FOOKE GmbH Profile

Table FOOKE GmbH Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure FOOKE GmbH Friction Welding Sales Volume and Growth Rate

Figure FOOKE GmbH Revenue (Million USD) Market Share 2017-2022

Table Crest Group Profile

Table Crest Group Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Crest Group Friction Welding Sales Volume and Growth Rate

Figure Crest Group Revenue (Million USD) Market Share 2017-2022

Table Nova-Tech Engineering Profile

Table Nova-Tech Engineering Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Nova-Tech Engineering Friction Welding Sales Volume and Growth Rate

Figure Nova-Tech Engineering Revenue (Million USD) Market Share 2017-2022

Table ESAB Profile

Table ESAB Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure ESAB Friction Welding Sales Volume and Growth Rate

Figure ESAB Revenue (Million USD) Market Share 2017-2022

Table Branson (Emerson) Profile

Table Branson (Emerson) Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure Branson (Emerson) Friction Welding Sales Volume and Growth Rate

Figure Branson (Emerson) Revenue (Million USD) Market Share 2017-2022

Table ETA Profile

Table ETA Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure ETA Friction Welding Sales Volume and Growth Rate

Figure ETA Revenue (Million USD) Market Share 2017-2022

Table U-Jin Tech Profile

Table U-Jin Tech Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure U-Jin Tech Friction Welding Sales Volume and Growth Rate

Figure U-Jin Tech Revenue (Million USD) Market Share 2017-2022

Table KUKA Profile

Table KUKA Friction Welding Sales Volume, Revenue (Million USD), Price and Gross Margin (2017-2022)

Figure KUKA Friction Welding Sales Volume and Growth Rate

Figure KUKA Revenue (Million USD) Market Share 2017-2022

I would like to order

Product name: Global Friction Welding Industry Research Report, Competitive Landscape, Market Size, Regional Status and Prospect

Product link: <https://marketpublishers.com/r/G712DBBFAE8CEN.html>

Price: US\$ 3,250.00 (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/G712DBBFAE8CEN.html>

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

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

****All fields are required**

Customer signature _____

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

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

