

Rotary Friction Welding Industry Research Report 2024

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Abstracts

Rotary Friction Welding: a solid-state process in which one part is rotated at a high speed, and then pressed against another part that is held stationary. The resulting friction heats the parts, causing them to forge together.

Rotary Friction Welding — most popular type of friction welding and used for parts where at least one piece is rotationally-symmetrical such as tube or bar.

According to APO Research, The global Rotary Friction Welding market was valued at US\$ million in 2023 and is anticipated to reach US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

Global Rotary Friction Welding key players include Thompson(KUKA), MTI, NITTO SEIKI, H&B OMEGA Europa, etc. Global top four manufacturers hold a share about 65%.

Europe is the largest market, with a share over 45%, followed by North America and Japan, both have a share about 40 percent.

In terms of product, Direct Drive Friction Welding is the largest segment, with a share about 75%. And in terms of application, the largest application is Automotive Manufacturing, followed by Tool & Machine Manufacturing, Aviation & Shipbuilding, Cutting Tools, etc.

Report Scope

This report aims to provide a comprehensive presentation of the global market for

Rotary Friction Welding, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding Rotary Friction Welding.

The report will help the Rotary Friction Welding manufacturers, new entrants, and industry chain related companies in this market with information on the revenues, sales volume, and average price for the overall market and the sub-segments across the different segments, by company, by Type, by Application, and by regions.

The Rotary Friction Welding market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global Rotary Friction Welding market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Thompson(KUKA)

MTI

H&B OMEGA Europa

Nitto Seiki

Izumi Machine

ETA

U-Jin Tech

Sakae Industries

Gatwick

YUAN YU

An Gen Machine

Jiangsu RCM Co.

Rotary Friction Welding segment by Type

Inertia Rotary Friction Welding

Direct Drive Rotary Friction Welding

Hybrid Rotary Friction Welding

Rotary Friction Welding segment by Application

Automotive Manufacturing

Cutting Tool Manufacturing

Aviation & Shipbuilding

Machine Components

Hydraulic/Pneumatic Parts

Electric and Wiring Parts

Others

Rotary Friction Welding Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Rotary Friction Welding market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify

the main competitors and deeply understand the competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Rotary Friction Welding and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market

5. This report helps stakeholders to gain insights into which regions to target globally

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Rotary Friction Welding.

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Research objectives, research methods, data sources, data cross-validation;

Chapter 2: Introduces the report scope of the report, 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 market and its likely evolution in the short to mid-term, and long term.

Chapter 3: Detailed analysis of Rotary Friction Welding manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5: Production/output, value of Rotary Friction Welding by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6: Consumption of Rotary Friction Welding in regional level and country level. It 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 production of each country in the world.

Chapter 7: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8: Provides the analysis of various market segments by 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Introduces the market dynamics, 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 11: The main points and conclusions of the report.

Chapter 11: The main points and conclusions of the report.

Contents

1 PREFACE

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 MARKET OVERVIEW

- 2.1 Product Definition
- 2.2 Rotary Friction Welding by Type
 - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.2.2 Inertia Rotary Friction Welding
 - 2.2.3 Direct Drive Rotary Friction Welding
 - 2.2.4 Hybrid Rotary Friction Welding
- 2.3 Rotary Friction Welding by Application
 - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
 - 2.3.2 Automotive Manufacturing
 - 2.3.3 Cutting Tool Manufacturing
 - 2.3.4 Aviation & Shipbuilding
 - 2.3.5 Machine Components
 - 2.3.6 Hydraulic/Pneumatic Parts
 - 2.3.7 Electric and Wiring Parts
 - 2.3.8 Others
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)
 - 2.4.2 Global Rotary Friction Welding Production Capacity Estimates and Forecasts (2019-2030)
 - 2.4.3 Global Rotary Friction Welding Production Estimates and Forecasts (2019-2030)
 - 2.4.4 Global Rotary Friction Welding Market Average Price (2019-2030)

3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Rotary Friction Welding Production by Manufacturers (2019-2024)
- 3.2 Global Rotary Friction Welding Production Value by Manufacturers (2019-2024)
- 3.3 Global Rotary Friction Welding Average Price by Manufacturers (2019-2024)
- 3.4 Global Rotary Friction Welding Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global Rotary Friction Welding Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Rotary Friction Welding Manufacturers, Product Type & Application
- 3.7 Global Rotary Friction Welding Manufacturers, Date of Enter into This Industry
- 3.8 Global Rotary Friction Welding Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 MANUFACTURERS PROFILED

4.1 Thompson(KUKA)

- 4.1.1 Thompson(KUKA) Rotary Friction Welding Company Information
- 4.1.2 Thompson(KUKA) Rotary Friction Welding Business Overview
- 4.1.3 Thompson(KUKA) Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
- 4.1.4 Thompson(KUKA) Product Portfolio
- 4.1.5 Thompson(KUKA) Recent Developments

4.2 MTI

- 4.2.1 MTI Rotary Friction Welding Company Information
- 4.2.2 MTI Rotary Friction Welding Business Overview
- 4.2.3 MTI Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
- 4.2.4 MTI Product Portfolio
- 4.2.5 MTI Recent Developments

4.3 H&B OMEGA Europa

- 4.3.1 H&B OMEGA Europa Rotary Friction Welding Company Information
- 4.3.2 H&B OMEGA Europa Rotary Friction Welding Business Overview
- 4.3.3 H&B OMEGA Europa Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
- 4.3.4 H&B OMEGA Europa Product Portfolio
- 4.3.5 H&B OMEGA Europa Recent Developments

4.4 Nitto Seiki

- 4.4.1 Nitto Seiki Rotary Friction Welding Company Information
- 4.4.2 Nitto Seiki Rotary Friction Welding Business Overview
- 4.4.3 Nitto Seiki Rotary Friction Welding Production, Value and Gross Margin

(2019-2024)

4.4.4 Nitto Seiki Product Portfolio

4.4.5 Nitto Seiki Recent Developments

4.5 Izumi Machine

4.5.1 Izumi Machine Rotary Friction Welding Company Information

4.5.2 Izumi Machine Rotary Friction Welding Business Overview

4.5.3 Izumi Machine Rotary Friction Welding Production, Value and Gross Margin

(2019-2024)

4.5.4 Izumi Machine Product Portfolio

4.5.5 Izumi Machine Recent Developments

4.6 ETA

4.6.1 ETA Rotary Friction Welding Company Information

4.6.2 ETA Rotary Friction Welding Business Overview

4.6.3 ETA Rotary Friction Welding Production, Value and Gross Margin (2019-2024)

4.6.4 ETA Product Portfolio

4.6.5 ETA Recent Developments

4.7 U-Jin Tech

4.7.1 U-Jin Tech Rotary Friction Welding Company Information

4.7.2 U-Jin Tech Rotary Friction Welding Business Overview

4.7.3 U-Jin Tech Rotary Friction Welding Production, Value and Gross Margin

(2019-2024)

4.7.4 U-Jin Tech Product Portfolio

4.7.5 U-Jin Tech Recent Developments

4.8 Sakae Industries

4.8.1 Sakae Industries Rotary Friction Welding Company Information

4.8.2 Sakae Industries Rotary Friction Welding Business Overview

4.8.3 Sakae Industries Rotary Friction Welding Production, Value and Gross Margin

(2019-2024)

4.8.4 Sakae Industries Product Portfolio

4.8.5 Sakae Industries Recent Developments

4.9 Gatwick

4.9.1 Gatwick Rotary Friction Welding Company Information

4.9.2 Gatwick Rotary Friction Welding Business Overview

4.9.3 Gatwick Rotary Friction Welding Production, Value and Gross Margin

(2019-2024)

4.9.4 Gatwick Product Portfolio

4.9.5 Gatwick Recent Developments

4.10 YUAN YU

4.10.1 YUAN YU Rotary Friction Welding Company Information

- 4.10.2 YUAN YU Rotary Friction Welding Business Overview
- 4.10.3 YUAN YU Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
- 4.10.4 YUAN YU Product Portfolio
- 4.10.5 YUAN YU Recent Developments
- 4.11 An Gen Machine
 - 4.11.1 An Gen Machine Rotary Friction Welding Company Information
 - 4.11.2 An Gen Machine Rotary Friction Welding Business Overview
 - 4.11.3 An Gen Machine Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
 - 4.11.4 An Gen Machine Product Portfolio
 - 4.11.5 An Gen Machine Recent Developments
- 4.12 Jiangsu RCM Co.
 - 4.12.1 Jiangsu RCM Co. Rotary Friction Welding Company Information
 - 4.12.2 Jiangsu RCM Co. Rotary Friction Welding Business Overview
 - 4.12.3 Jiangsu RCM Co. Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
 - 4.12.4 Jiangsu RCM Co. Product Portfolio
 - 4.12.5 Jiangsu RCM Co. Recent Developments

5 GLOBAL ROTARY FRICTION WELDING PRODUCTION BY REGION

- 5.1 Global Rotary Friction Welding Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.2 Global Rotary Friction Welding Production by Region: 2019-2030
 - 5.2.1 Global Rotary Friction Welding Production by Region: 2019-2024
 - 5.2.2 Global Rotary Friction Welding Production Forecast by Region (2025-2030)
- 5.3 Global Rotary Friction Welding Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030
- 5.4 Global Rotary Friction Welding Production Value by Region: 2019-2030
 - 5.4.1 Global Rotary Friction Welding Production Value by Region: 2019-2024
 - 5.4.2 Global Rotary Friction Welding Production Value Forecast by Region (2025-2030)
- 5.5 Global Rotary Friction Welding Market Price Analysis by Region (2019-2024)
- 5.6 Global Rotary Friction Welding Production and Value, YOY Growth
 - 5.6.1 North America Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)
 - 5.6.2 Europe Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)

5.6.3 China Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)

5.6.4 Japan Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)

5.6.5 South Korea Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)

5.6.6 China Taiwan Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)

6 GLOBAL ROTARY FRICTION WELDING CONSUMPTION BY REGION

6.1 Global Rotary Friction Welding Consumption Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

6.2 Global Rotary Friction Welding Consumption by Region (2019-2030)

6.2.1 Global Rotary Friction Welding Consumption by Region: 2019-2030

6.2.2 Global Rotary Friction Welding Forecasted Consumption by Region (2025-2030)

6.3 North America

6.3.1 North America Rotary Friction Welding Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.3.2 North America Rotary Friction Welding Consumption by Country (2019-2030)

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

6.4.1 Europe Rotary Friction Welding Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.4.2 Europe Rotary Friction Welding Consumption by Country (2019-2030)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.5 Asia Pacific

6.5.1 Asia Pacific Rotary Friction Welding Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Rotary Friction Welding Consumption by Country (2019-2030)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 China Taiwan

6.5.7 Southeast Asia

6.5.8 India

6.5.9 Australia

6.6 Latin America, Middle East & Africa

6.6.1 Latin America, Middle East & Africa Rotary Friction Welding Consumption
Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Rotary Friction Welding Consumption by
Country (2019-2030)

6.6.3 Mexico

6.6.4 Brazil

6.6.5 Turkey

6.6.5 GCC Countries

7 SEGMENT BY TYPE

7.1 Global Rotary Friction Welding Production by Type (2019-2030)

7.1.1 Global Rotary Friction Welding Production by Type (2019-2030) & (Units)

7.1.2 Global Rotary Friction Welding Production Market Share by Type (2019-2030)

7.2 Global Rotary Friction Welding Production Value by Type (2019-2030)

7.2.1 Global Rotary Friction Welding Production Value by Type (2019-2030) & (US\$
Million)

7.2.2 Global Rotary Friction Welding Production Value Market Share by Type
(2019-2030)

7.3 Global Rotary Friction Welding Price by Type (2019-2030)

8 SEGMENT BY APPLICATION

8.1 Global Rotary Friction Welding Production by Application (2019-2030)

8.1.1 Global Rotary Friction Welding Production by Application (2019-2030) & (Units)

8.1.2 Global Rotary Friction Welding Production by Application (2019-2030) & (Units)

8.2 Global Rotary Friction Welding Production Value by Application (2019-2030)

8.2.1 Global Rotary Friction Welding Production Value by Application (2019-2030) &
(US\$ Million)

8.2.2 Global Rotary Friction Welding Production Value Market Share by Application
(2019-2030)

8.3 Global Rotary Friction Welding Price by Application (2019-2030)

9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET

- 9.1 Rotary Friction Welding Value Chain Analysis
 - 9.1.1 Rotary Friction Welding Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Rotary Friction Welding Production Mode & Process
- 9.2 Rotary Friction Welding Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Rotary Friction Welding Distributors
 - 9.2.3 Rotary Friction Welding Customers

10 GLOBAL ROTARY FRICTION WELDING ANALYZING MARKET DYNAMICS

- 10.1 Rotary Friction Welding Industry Trends
- 10.2 Rotary Friction Welding Industry Drivers
- 10.3 Rotary Friction Welding Industry Opportunities and Challenges
- 10.4 Rotary Friction Welding Industry Restraints

11 REPORT CONCLUSION

12 DISCLAIMER

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