

# Global Rotary Friction Welding Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/G433F34B4291EN.html>

Date: April 2024

Pages: 130

Price: US\$ 3,950.00 (Single User License)

ID: G433F34B4291EN

## 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 is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

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.

In terms of production side, this report researches the Rotary Friction Welding production, growth rate, market share by manufacturers and by region (region level and

country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Rotary Friction Welding by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Rotary Friction Welding, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Rotary Friction Welding, also provides the consumption of main regions and countries. Of the upcoming market potential for Rotary Friction Welding, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Rotary Friction Welding sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Rotary Friction Welding market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Rotary Friction Welding sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Thompson(KUKA), MTI, H&B OMEGA Europa, Nitto Seiki, Izumi Machine, ETA, U-Jin Tech, Sakae Industries and Gatwick, etc.

Rotary Friction Welding segment by Company

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

### Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity

and challenge, restraints, and risks.

5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

### 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: Provides an overview of the Rotary Friction Welding market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Rotary Friction Welding industry.

Chapter 3: Detailed analysis of Rotary Friction Welding market competition landscape. Including Rotary Friction Welding manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: 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 5: 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 6: 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 7: Production/Production Value of Rotary Friction Welding by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: 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 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: Concluding Insights of the report.

## Contents

### 1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Rotary Friction Welding Production Value Estimates and Forecasts (2019-2030)
  - 1.2.2 Global Rotary Friction Welding Production Capacity Estimates and Forecasts (2019-2030)
  - 1.2.3 Global Rotary Friction Welding Production Estimates and Forecasts (2019-2030)
  - 1.2.4 Global Rotary Friction Welding Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### 2 GLOBAL ROTARY FRICTION WELDING MARKET DYNAMICS

- 2.1 Rotary Friction Welding Industry Trends
- 2.2 Rotary Friction Welding Industry Drivers
- 2.3 Rotary Friction Welding Industry Opportunities and Challenges
- 2.4 Rotary Friction Welding Industry Restraints

### 3 ROTARY FRICTION WELDING MARKET BY MANUFACTURERS

- 3.1 Global Rotary Friction Welding Production Value by Manufacturers (2019-2024)
- 3.2 Global Rotary Friction Welding Production 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 Commercialization Time
- 3.8 Market Competitive Analysis
  - 3.8.1 Global Rotary Friction Welding Market CR5 and HHI
  - 3.8.2 Global Top 5 and 10 Rotary Friction Welding Players Market Share by Production Value in 2023
  - 3.8.3 2023 Rotary Friction Welding Tier 1, Tier 2, and Tier



## **4 ROTARY FRICTION WELDING MARKET BY TYPE**

### 4.1 Rotary Friction Welding Type Introduction

- 4.1.1 Inertia Rotary Friction Welding
- 4.1.2 Direct Drive Rotary Friction Welding
- 4.1.3 Hybrid Rotary Friction Welding

### 4.2 Global Rotary Friction Welding Production by Type

- 4.2.1 Global Rotary Friction Welding Production by Type (2019 VS 2023 VS 2030)
- 4.2.2 Global Rotary Friction Welding Production by Type (2019-2030)
- 4.2.3 Global Rotary Friction Welding Production Market Share by Type (2019-2030)

### 4.3 Global Rotary Friction Welding Production Value by Type

- 4.3.1 Global Rotary Friction Welding Production Value by Type (2019 VS 2023 VS 2030)
- 4.3.2 Global Rotary Friction Welding Production Value by Type (2019-2030)
- 4.3.3 Global Rotary Friction Welding Production Value Market Share by Type (2019-2030)

## **5 ROTARY FRICTION WELDING MARKET BY APPLICATION**

### 5.1 Rotary Friction Welding Application Introduction

- 5.1.1 Automotive Manufacturing
- 5.1.2 Cutting Tool Manufacturing
- 5.1.3 Aviation & Shipbuilding
- 5.1.4 Machine Components
- 5.1.5 Hydraulic/Pneumatic Parts
- 5.1.6 Electric and Wiring Parts
- 5.1.7 Others

### 5.2 Global Rotary Friction Welding Production by Application

- 5.2.1 Global Rotary Friction Welding Production by Application (2019 VS 2023 VS 2030)
- 5.2.2 Global Rotary Friction Welding Production by Application (2019-2030)
- 5.2.3 Global Rotary Friction Welding Production Market Share by Application (2019-2030)

### 5.3 Global Rotary Friction Welding Production Value by Application

- 5.3.1 Global Rotary Friction Welding Production Value by Application (2019 VS 2023 VS 2030)
- 5.3.2 Global Rotary Friction Welding Production Value by Application (2019-2030)
- 5.3.3 Global Rotary Friction Welding Production Value Market Share by Application (2019-2030)

## 6 COMPANY PROFILES

### 6.1 Thompson(KUKA)

6.1.1 Thompson(KUKA) Company Information

6.1.2 Thompson(KUKA) Business Overview

6.1.3 Thompson(KUKA) Rotary Friction Welding Production, Value and Gross Margin (2019-2024)

6.1.4 Thompson(KUKA) Rotary Friction Welding Product Portfolio

6.1.5 Thompson(KUKA) Recent Developments

### 6.2 MTI

6.2.1 MTI Company Information

6.2.2 MTI Business Overview

6.2.3 MTI Rotary Friction Welding Production, Value and Gross Margin (2019-2024)

6.2.4 MTI Rotary Friction Welding Product Portfolio

6.2.5 MTI Recent Developments

### 6.3 H&B OMEGA Europa

6.3.1 H&B OMEGA Europa Company Information

6.3.2 H&B OMEGA Europa Business Overview

6.3.3 H&B OMEGA Europa Rotary Friction Welding Production, Value and Gross Margin (2019-2024)

6.3.4 H&B OMEGA Europa Rotary Friction Welding Product Portfolio

6.3.5 H&B OMEGA Europa Recent Developments

### 6.4 Nitto Seiki

6.4.1 Nitto Seiki Company Information

6.4.2 Nitto Seiki Business Overview

6.4.3 Nitto Seiki Rotary Friction Welding Production, Value and Gross Margin (2019-2024)

6.4.4 Nitto Seiki Rotary Friction Welding Product Portfolio

6.4.5 Nitto Seiki Recent Developments

### 6.5 Izumi Machine

6.5.1 Izumi Machine Company Information

6.5.2 Izumi Machine Business Overview

6.5.3 Izumi Machine Rotary Friction Welding Production, Value and Gross Margin (2019-2024)

6.5.4 Izumi Machine Rotary Friction Welding Product Portfolio

6.5.5 Izumi Machine Recent Developments

### 6.6 ETA

6.6.1 ETA Company Information

- 6.6.2 ETA Business Overview
- 6.6.3 ETA Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
- 6.6.4 ETA Rotary Friction Welding Product Portfolio
- 6.6.5 ETA Recent Developments
- 6.7 U-Jin Tech
  - 6.7.1 U-Jin Tech Company Information
  - 6.7.2 U-Jin Tech Business Overview
  - 6.7.3 U-Jin Tech Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
  - 6.7.4 U-Jin Tech Rotary Friction Welding Product Portfolio
  - 6.7.5 U-Jin Tech Recent Developments
- 6.8 Sakae Industries
  - 6.8.1 Sakae Industries Company Information
  - 6.8.2 Sakae Industries Business Overview
  - 6.8.3 Sakae Industries Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
  - 6.8.4 Sakae Industries Rotary Friction Welding Product Portfolio
  - 6.8.5 Sakae Industries Recent Developments
- 6.9 Gatwick
  - 6.9.1 Gatwick Company Information
  - 6.9.2 Gatwick Business Overview
  - 6.9.3 Gatwick Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
  - 6.9.4 Gatwick Rotary Friction Welding Product Portfolio
  - 6.9.5 Gatwick Recent Developments
- 6.10 YUAN YU
  - 6.10.1 YUAN YU Company Information
  - 6.10.2 YUAN YU Business Overview
  - 6.10.3 YUAN YU Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
  - 6.10.4 YUAN YU Rotary Friction Welding Product Portfolio
  - 6.10.5 YUAN YU Recent Developments
- 6.11 An Gen Machine
  - 6.11.1 An Gen Machine Company Information
  - 6.11.2 An Gen Machine Business Overview
  - 6.11.3 An Gen Machine Rotary Friction Welding Production, Value and Gross Margin (2019-2024)
  - 6.11.4 An Gen Machine Rotary Friction Welding Product Portfolio
  - 6.11.5 An Gen Machine Recent Developments

## 6.12 Jiangsu RCM Co.

6.12.1 Jiangsu RCM Co. Company Information

6.12.2 Jiangsu RCM Co. Business Overview

6.12.3 Jiangsu RCM Co. Rotary Friction Welding Production, Value and Gross Margin (2019-2024)

6.12.4 Jiangsu RCM Co. Rotary Friction Welding Product Portfolio

6.12.5 Jiangsu RCM Co. Recent Developments

## 7 GLOBAL ROTARY FRICTION WELDING PRODUCTION BY REGION

7.1 Global Rotary Friction Welding Production by Region: 2019 VS 2023 VS 2030

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

7.2.1 Global Rotary Friction Welding Production by Region: 2019-2024

7.2.2 Global Rotary Friction Welding Production by Region (2025-2030)

7.3 Global Rotary Friction Welding Production by Region: 2019 VS 2023 VS 2030

7.4 Global Rotary Friction Welding Production Value by Region (2019-2030)

7.4.1 Global Rotary Friction Welding Production Value by Region: 2019-2024

7.4.2 Global Rotary Friction Welding Production Value by Region (2025-2030)

7.5 Global Rotary Friction Welding Market Price Analysis by Region (2019-2024)

7.6 Regional Production Value Trends (2019-2030)

7.6.1 North America Rotary Friction Welding Production Value (2019-2030)

7.6.2 Europe Rotary Friction Welding Production Value (2019-2030)

7.6.3 Asia-Pacific Rotary Friction Welding Production Value (2019-2030)

7.6.4 Latin America Rotary Friction Welding Production Value (2019-2030)

7.6.5 Middle East & Africa Rotary Friction Welding Production Value (2019-2030)

## 8 GLOBAL ROTARY FRICTION WELDING CONSUMPTION BY REGION

8.1 Global Rotary Friction Welding Consumption by Region: 2019 VS 2023 VS 2030

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

8.2.1 Global Rotary Friction Welding Consumption by Region (2019-2024)

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

8.3 North America

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

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

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

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

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

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

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

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

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA Rotary Friction Welding Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA Rotary Friction Welding Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

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 Manufacturing Cost Structure

9.1.4 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 CONCLUDING INSIGHTS**

## **11 APPENDIX**

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

## I would like to order

Product name: Global Rotary Friction Welding Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

Product link: <https://marketpublishers.com/r/G433F34B4291EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G433F34B4291EN.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

