

# Linear Friction Welding Machines Industry Research Report 2024

<https://marketpublishers.com/r/LF1F51CBFBC4EN.html>

Date: April 2024

Pages: 122

Price: US\$ 2,950.00 (Single User License)

ID: LF1F51CBFBC4EN

## Abstracts

Friction welding (FRW) is a solid-state welding process that generates heat through mechanical friction between work pieces in relative motion to one another, with the addition of a lateral force called 'upset' to plastically displace and fuse the materials.

Linear Friction Welding: a solid-state process in which one part is chuck oscillates 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.

According to APO Research, The global Linear Friction Welding Machines 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.

Branson (Emerson), Bielomatik, Crest Group, Daeyoung Ultrasonic and Dukane are the leading manufacturers of linear friction welders. Branson (Emerson) is the world's largest, with about 30% of the market. The top three accounted for about 50%.

China is the main production region, accounting for about 30%, followed by North America and Europe.

## Report Scope

This report aims to provide a comprehensive presentation of the global market for Linear Friction Welding Machines, 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 Linear Friction Welding Machines.

The report will help the Linear Friction Welding Machines 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 Linear Friction Welding Machines market size, estimations, and forecasts are provided in terms of sales volume (K 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 Linear Friction Welding Machines 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:

Branson (Emerson)

Bielomatik

Crest Group

Thompson (KUKA)

MTI

Dukane

Daeyoung Ultrasonic

Seidensha Electronics

CEMAS ELETTRA

Sonics Materials

Keber

ShangRong

#### Linear Friction Welding Machines segment by Type

Small-size Welding Machine

Medium-size Welding Machine

Large-size Welding Machine

#### Linear Friction Welding Machines segment by Application

Automotive

Medical Industry

Electronics

Others

#### Linear Friction Welding Machines 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 Linear Friction Welding Machines 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 Linear Friction Welding Machines 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 Linear Friction Welding Machines.

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 Linear Friction Welding Machines 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 Linear Friction Welding Machines 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 Linear Friction Welding Machines 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 Linear Friction Welding Machines by Type
  - 2.2.1 Market Value Comparison by Type (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.2.2 Small-size Welding Machine
  - 2.2.3 Medium-size Welding Machine
  - 2.2.4 Large-size Welding Machine
- 2.3 Linear Friction Welding Machines by Application
  - 2.3.1 Market Value Comparison by Application (2019 VS 2023 VS 2030) & (US\$ Million)
  - 2.3.2 Automotive
  - 2.3.3 Medical Industry
  - 2.3.4 Electronics
  - 2.3.5 Others
- 2.4 Global Market Growth Prospects
  - 2.4.1 Global Linear Friction Welding Machines Production Value Estimates and Forecasts (2019-2030)
  - 2.4.2 Global Linear Friction Welding Machines Production Capacity Estimates and Forecasts (2019-2030)
  - 2.4.3 Global Linear Friction Welding Machines Production Estimates and Forecasts (2019-2030)
  - 2.4.4 Global Linear Friction Welding Machines Market Average Price (2019-2030)

### 3 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 3.1 Global Linear Friction Welding Machines Production by Manufacturers (2019-2024)



3.2 Global Linear Friction Welding Machines Production Value by Manufacturers (2019-2024)

3.3 Global Linear Friction Welding Machines Average Price by Manufacturers (2019-2024)

3.4 Global Linear Friction Welding Machines Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

3.5 Global Linear Friction Welding Machines Key Manufacturers, Manufacturing Sites & Headquarters

3.6 Global Linear Friction Welding Machines Manufacturers, Product Type & Application

3.7 Global Linear Friction Welding Machines Manufacturers, Date of Enter into This Industry

3.8 Global Linear Friction Welding Machines Market CR5 and HHI

3.9 Global Manufacturers Mergers & Acquisition

## **4 MANUFACTURERS PROFILED**

4.1 Branson (Emerson)

4.1.1 Branson (Emerson) Linear Friction Welding Machines Company Information

4.1.2 Branson (Emerson) Linear Friction Welding Machines Business Overview

4.1.3 Branson (Emerson) Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)

4.1.4 Branson (Emerson) Product Portfolio

4.1.5 Branson (Emerson) Recent Developments

4.2 Bielomatik

4.2.1 Bielomatik Linear Friction Welding Machines Company Information

4.2.2 Bielomatik Linear Friction Welding Machines Business Overview

4.2.3 Bielomatik Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)

4.2.4 Bielomatik Product Portfolio

4.2.5 Bielomatik Recent Developments

4.3 Crest Group

4.3.1 Crest Group Linear Friction Welding Machines Company Information

4.3.2 Crest Group Linear Friction Welding Machines Business Overview

4.3.3 Crest Group Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)

4.3.4 Crest Group Product Portfolio

4.3.5 Crest Group Recent Developments

4.4 Thompson (KUKA)

4.4.1 Thompson (KUKA) Linear Friction Welding Machines Company Information

- 4.4.2 Thompson (KUKA) Linear Friction Welding Machines Business Overview
- 4.4.3 Thompson (KUKA) Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)
- 4.4.4 Thompson (KUKA) Product Portfolio
- 4.4.5 Thompson (KUKA) Recent Developments
- 4.5 MTI
  - 4.5.1 MTI Linear Friction Welding Machines Company Information
  - 4.5.2 MTI Linear Friction Welding Machines Business Overview
  - 4.5.3 MTI Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)
  - 4.5.4 MTI Product Portfolio
  - 4.5.5 MTI Recent Developments
- 4.6 Dukane
  - 4.6.1 Dukane Linear Friction Welding Machines Company Information
  - 4.6.2 Dukane Linear Friction Welding Machines Business Overview
  - 4.6.3 Dukane Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)
  - 4.6.4 Dukane Product Portfolio
  - 4.6.5 Dukane Recent Developments
- 4.7 Daeyoung Ultrasonic
  - 4.7.1 Daeyoung Ultrasonic Linear Friction Welding Machines Company Information
  - 4.7.2 Daeyoung Ultrasonic Linear Friction Welding Machines Business Overview
  - 4.7.3 Daeyoung Ultrasonic Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)
  - 4.7.4 Daeyoung Ultrasonic Product Portfolio
  - 4.7.5 Daeyoung Ultrasonic Recent Developments
- 4.8 Seidensha Electronics
  - 4.8.1 Seidensha Electronics Linear Friction Welding Machines Company Information
  - 4.8.2 Seidensha Electronics Linear Friction Welding Machines Business Overview
  - 4.8.3 Seidensha Electronics Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)
  - 4.8.4 Seidensha Electronics Product Portfolio
  - 4.8.5 Seidensha Electronics Recent Developments
- 4.9 CEMAS ELETTRA
  - 4.9.1 CEMAS ELETTRA Linear Friction Welding Machines Company Information
  - 4.9.2 CEMAS ELETTRA Linear Friction Welding Machines Business Overview
  - 4.9.3 CEMAS ELETTRA Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)
  - 4.9.4 CEMAS ELETTRA Product Portfolio

#### 4.9.5 CEMAS ELETTRA Recent Developments

#### 4.10 Sonics Materials

##### 4.10.1 Sonics Materials Linear Friction Welding Machines Company Information

##### 4.10.2 Sonics Materials Linear Friction Welding Machines Business Overview

##### 4.10.3 Sonics Materials Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)

##### 4.10.4 Sonics Materials Product Portfolio

##### 4.10.5 Sonics Materials Recent Developments

#### 4.11 Keber

##### 4.11.1 Keber Linear Friction Welding Machines Company Information

##### 4.11.2 Keber Linear Friction Welding Machines Business Overview

##### 4.11.3 Keber Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)

##### 4.11.4 Keber Product Portfolio

##### 4.11.5 Keber Recent Developments

#### 4.12 ShangRong

##### 4.12.1 ShangRong Linear Friction Welding Machines Company Information

##### 4.12.2 ShangRong Linear Friction Welding Machines Business Overview

##### 4.12.3 ShangRong Linear Friction Welding Machines Production, Value and Gross Margin (2019-2024)

##### 4.12.4 ShangRong Product Portfolio

##### 4.12.5 ShangRong Recent Developments

## **5 GLOBAL LINEAR FRICTION WELDING MACHINES PRODUCTION BY REGION**

### 5.1 Global Linear Friction Welding Machines Production Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

### 5.2 Global Linear Friction Welding Machines Production by Region: 2019-2030

#### 5.2.1 Global Linear Friction Welding Machines Production by Region: 2019-2024

#### 5.2.2 Global Linear Friction Welding Machines Production Forecast by Region (2025-2030)

### 5.3 Global Linear Friction Welding Machines Production Value Estimates and Forecasts by Region: 2019 VS 2023 VS 2030

### 5.4 Global Linear Friction Welding Machines Production Value by Region: 2019-2030

#### 5.4.1 Global Linear Friction Welding Machines Production Value by Region: 2019-2024

#### 5.4.2 Global Linear Friction Welding Machines Production Value Forecast by Region (2025-2030)

### 5.5 Global Linear Friction Welding Machines Market Price Analysis by Region

(2019-2024)

5.6 Global Linear Friction Welding Machines Production and Value, YOY Growth

5.6.1 North America Linear Friction Welding Machines Production Value Estimates and Forecasts (2019-2030)

5.6.2 Europe Linear Friction Welding Machines Production Value Estimates and Forecasts (2019-2030)

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

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

## **6 GLOBAL LINEAR FRICTION WELDING MACHINES CONSUMPTION BY REGION**

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

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

6.2.1 Global Linear Friction Welding Machines Consumption by Region: 2019-2030

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

6.3 North America

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

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

6.3.3 U.S.

6.3.4 Canada

6.4 Europe

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

6.4.2 Europe Linear Friction Welding Machines 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 Linear Friction Welding Machines Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.5.2 Asia Pacific Linear Friction Welding Machines 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 Linear Friction Welding Machines

Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

6.6.2 Latin America, Middle East & Africa Linear Friction Welding Machines

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 Linear Friction Welding Machines Production by Type (2019-2030)

7.1.1 Global Linear Friction Welding Machines Production by Type (2019-2030) & (K Units)

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

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

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

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

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

## **8 SEGMENT BY APPLICATION**

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

8.1.1 Global Linear Friction Welding Machines Production by Application (2019-2030) & (K Units)

8.1.2 Global Linear Friction Welding Machines Production by Application (2019-2030) & (K Units)

## 8.2 Global Linear Friction Welding Machines Production Value by Application (2019-2030)

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

### 8.2.2 Global Linear Friction Welding Machines Production Value Market Share by Application (2019-2030)

## 8.3 Global Linear Friction Welding Machines Price by Application (2019-2030)

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS OF THE MARKET**

### 9.1 Linear Friction Welding Machines Value Chain Analysis

#### 9.1.1 Linear Friction Welding Machines Key Raw Materials

#### 9.1.2 Raw Materials Key Suppliers

#### 9.1.3 Linear Friction Welding Machines Production Mode & Process

### 9.2 Linear Friction Welding Machines Sales Channels Analysis

#### 9.2.1 Direct Comparison with Distribution Share

#### 9.2.2 Linear Friction Welding Machines Distributors

#### 9.2.3 Linear Friction Welding Machines Customers

## **10 GLOBAL LINEAR FRICTION WELDING MACHINES ANALYZING MARKET DYNAMICS**

### 10.1 Linear Friction Welding Machines Industry Trends

### 10.2 Linear Friction Welding Machines Industry Drivers

### 10.3 Linear Friction Welding Machines Industry Opportunities and Challenges

### 10.4 Linear Friction Welding Machines Industry Restraints

## **11 REPORT CONCLUSION**

## **12 DISCLAIMER**

## I would like to order

Product name: Linear Friction Welding Machines Industry Research Report 2024

Product link: <https://marketpublishers.com/r/LF1F51CBFBC4EN.html>

Price: US\$ 2,950.00 (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/LF1F51CBFBC4EN.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