

# Global Linear Friction Welding Machines Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Linear Friction Welding Machines market size was valued at USD 151.5 million in 2023 and is forecast to a readjusted size of USD 195.7 million by 2030 with a CAGR of 3.7% during review period.

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.

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.

The Global Info Research report includes an overview of the development of the Linear Friction Welding Machines industry chain, the market status of Automotive (Small-size Welding Machine, Medium-size Welding Machine), Medical Industry (Small-size Welding Machine, Medium-size Welding Machine), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot

applications and market trends of Linear Friction Welding Machines.

Regionally, the report analyzes the Linear Friction Welding Machines markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Linear Friction Welding Machines market, with robust domestic demand, supportive policies, and a strong manufacturing base.

**Key Features:**

The report presents comprehensive understanding of the Linear Friction Welding Machines market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Linear Friction Welding Machines industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Small-size Welding Machine, Medium-size Welding Machine).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Linear Friction Welding Machines market.

**Regional Analysis:** The report involves examining the Linear Friction Welding Machines market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Linear Friction Welding Machines market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Linear Friction Welding Machines:

**Company Analysis:** Report covers individual Linear Friction Welding Machines manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Linear Friction Welding Machines. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Automotive, Medical Industry).

**Technology Analysis:** Report covers specific technologies relevant to Linear Friction Welding Machines. It assesses the current state, advancements, and potential future developments in Linear Friction Welding Machines areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Linear Friction Welding Machines market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Linear Friction Welding Machines market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

Small-size Welding Machine

Medium-size Welding Machine

Large-size Welding Machine

### Market segment by Application

Automotive

Medical Industry

Electronics

Others

#### Major players covered

Branson (Emerson)

Bielomatik

Crest Group

Thompson (KUKA)

MTI

Dukane

Daeyoung Ultrasonic

Seidensha Electronics

CEMAS ELETTRA

Sonics Materials

Keber

ShangRong

#### Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Linear Friction Welding Machines product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Linear Friction Welding Machines, with price, sales, revenue and global market share of Linear Friction Welding Machines from 2019 to 2024.

Chapter 3, the Linear Friction Welding Machines competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Linear Friction Welding Machines breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Linear Friction Welding Machines market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Linear Friction Welding Machines.

Chapter 14 and 15, to describe Linear Friction Welding Machines sales channel, distributors, customers, research findings and conclusion.

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