

Global Automatic Friction Welder Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Automatic Friction Welder market size was valued at US\$ 651 million in 2025 and is forecast to a readjusted size of US\$ 948 million by 2032 with a CAGR of 5.6% during review period.

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Friction welding machines are industrial devices used for joining two materials together through a friction-based process. The global market for friction welding machines has been influenced by factors such as technological advancements, increasing demand for efficient and reliable joining solutions, and growth in various industries where these machines find applications. The global market for friction welding machines has witnessed steady growth over the years, driven by the need for high-strength, high-quality, and cost-effective joining solutions in industries like automotive, aerospace, manufacturing, and construction. The North American market, particularly the United States, has a significant presence in the friction welding machine industry. The aerospace and automotive sectors are major contributors to demand in this region. European countries, including Germany and the UK, have a strong manufacturing base and use friction welding extensively in industries such as automotive, aerospace, and heavy machinery. The Asia-Pacific region, led by countries like China and Japan, has witnessed rapid industrialization and increased adoption of friction welding machines in various manufacturing sectors.

This report is a detailed and comprehensive analysis for global Automatic Friction Welder market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Automatic Friction Welder market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Automatic Friction Welder market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Automatic Friction Welder market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (K US\$/Unit), 2021-2032

Global Automatic Friction Welder market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (K US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Automatic Friction Welder

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Automatic Friction Welder market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key

companies covered as a part of this study include Thompson (KUKA), MTI, Nitto Seiki, Izumi Machine, ETA, U-Jin Tech, Sakae Industries, YUAN YU, Jiangsu RCM, Grenzebach Maschinenbau GmbH, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Automatic Friction Welder market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

- Rotary Friction Welding

- Friction Stir Welding

Market segment by Application

- Automotive Manufacturing

- Cutting Tool Manufacturing

- Aviation & Shipbuilding

- Machine Components

- Hydraulic/Pneumatic Parts

- Electric and Wiring Parts

- Others

Major players covered

Thompsom (KUKA)

MTI

Nitto Seiki

Izumi Machine

ETA

U-Jin Tech

Sakae Industries

YUAN YU

Jiangsu RCM

Grenzebach Maschinenbau GmbH

Nova-Tech Engineering

Beijing FSW

FOOKE GmbH

PaR Systems

General Tool Company

Sooncable

Aerospace Engineering Equipment

Stirweld

Stirtec

World Wide Welding (WWW)

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 Automatic Friction Welder product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Automatic Friction Welder, with price, sales quantity, revenue, and global market share of Automatic Friction Welder from 2021 to 2026.

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

Chapter 4, the Automatic Friction Welder breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

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 2021 to 2026. and Automatic Friction Welder market forecast, by regions, by Type, and by

Application, with sales and revenue, from 2027 to 2032.

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 Automatic Friction Welder.

Chapter 14 and 15, to describe Automatic Friction Welder sales channel, distributors, customers, research findings and conclusion.

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