

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Linear Friction Welding Machines Market 2018, Forecast to 2023

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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.

SCOPE OF THE REPORT:

This report focuses on the Linear Friction Welding Machines in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. There are many linear friction welding machines manufacturers in the world and most of them produce all kinds of friction welding machine, such as Branson, Thompson, MTI, Bielomatik and Forward Technology. All the manufactures are mainly concentrated in USA, Europe, etc. Although there are also some Friction Welding Machine manufacturers in developing countries, but the scales of their Linear friction welding machines companies is relative small, and the products quality is inferior to foreign Friction Welding Machine products, so the price is lower than some foreign Friction Welding Machine products.

As the technology of linear friction welding machines is relatively mature and the downstream market, especially for automobile is growing fast, so there are lots of enterprises in the linear friction welding machines market. The high-end linear friction welding machines was mainly produced in Europe and United States because their advanced R&D lever, but most of the products were consumed in developing countries

especially in Southeast Asia where the machining accuracy is lower.

The worldwide market for Linear Friction Welding Machines is expected to grow at a CAGR of roughly 5.0% over the next five years, will reach 170 million US\$ in 2023, from 130 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Branson

Thompson

MTI

Bielomatik

Forward Technology

Dukane

KLN

Daeyoung Ultrasonic

Chango

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Linear Vibration Welding

Linear Friction Welding

Market Segment by Applications, can be divided into

Aerospace Industry

Automobile Industry

Oil and Gas Industry

Power Generation Industry

Consumer Product Industry

There are 15 Chapters to deeply display the global Linear Friction Welding Machines market.

Chapter 1, to describe Linear Friction Welding Machines Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Linear Friction Welding Machines, with sales, revenue, and price of Linear Friction Welding Machines, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Linear Friction Welding Machines, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Linear Friction Welding Machines market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Linear Friction Welding Machines sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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