

Friction Stir Welding Tools Market, Global Outlook and Forecast 2022-2028

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Abstracts

Friction stir welding (FSW) is a solid-state joining process that uses a non-consumable tool to join two facing workpieces without melting the workpiece material. Heat is generated by friction between the rotating tool and the workpiece material, which leads to a softened region near the FSW tool. While the tool is traversed along the joint line, it mechanically intermixes the two pieces of metal, and forges the hot and softened metal by the mechanical pressure, which is applied by the tool, much like joining clay, or dough. It is primarily used on wrought or extruded aluminium and particularly for structures which need very high weld strength.

This report contains market size and forecasts of Friction Stir Welding Tools in global, including the following market information:

Global Friction Stir Welding Tools Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Friction Stir Welding Tools Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Friction Stir Welding Tools companies in 2021 (%)

The global Friction Stir Welding Tools market was valued at 251.2 million in 2021 and is projected to reach US\$ 392 million by 2028, at a CAGR of 6.6% during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Desktop Equipment Segment to Reach \$ Million by 2028, with a % CAGR in next six

years.

The global key manufacturers of Friction Stir Welding Tools include ESAB, Grenzebach Maschinenbau GmbH, Nova-Tech Engineering, Beijing FSW, FOOKE GmbH, PaR Systems, Nitto Seiki, General Tool Company and Sooncable, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Friction Stir Welding Tools manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Friction Stir Welding Tools Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Friction Stir Welding Tools Market Segment Percentages, by Type, 2021 (%)

Desktop Equipment

Gantry Equipment

Others

Global Friction Stir Welding Tools Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Friction Stir Welding Tools Market Segment Percentages, by Application, 2021 (%)

Aerospace

Automotive

Shipbuilding

Railways

Others

Global Friction Stir Welding Tools Market, By Region and Country, 2017-2022,
2023-2028 (\$ Millions) & (K Units)

Global Friction Stir Welding Tools Market Segment Percentages, By Region and
Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Friction Stir Welding Tools revenues in global market, 2017-2022
(Estimated), (\$ millions)

Key companies Friction Stir Welding Tools revenues share in global market, 2021 (%)

Key companies Friction Stir Welding Tools sales in global market, 2017-2022
(Estimated), (K Units)

Key companies Friction Stir Welding Tools sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

ESAB

Grenzebach Maschinenbau GmbH

Nova-Tech Engineering

Beijing FSW

FOOKE GmbH

PaR Systems

Nitto Seiki

General Tool Company

Sooncable

Gatwick

Stirtec GmbH

Hitachi

PTG

BTI

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