

Global Stud Welding Machine Market Size study & Forecast, by Type of Arc Ignition (Drawn Arc Stud Welding, Capacitor Discharge Stud Welding), by Material (Steel, Aluminum, Copper, Brass), by Stud Diameter (Below 3 mm, 3-12 mm, 12-18 mm, 18 mm and above), by Operation (Automatic, Semi-automatic), by End-use Industry (Automotive, Shipbuilding, Electric Goods, Construction, Farm, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Stud Welding Machine Market is valued at approximately USD 1.05 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5.1% over the forecast period 2023-2030. A stud welding machine is a versatile tool used for attaching fasteners or studs to the surface or base of a product without the need for perforation. It is a popular and cost-effective welding method that saves time. The machine facilitates the joining of different materials, resulting in durable and robust connections. The consumption of household goods, including refrigerators, kitchen chimneys, and cooking stoves, is experiencing a steady increase. As a result, the growing demand for such household items is playing a significant role in driving the growth of stud welding machine market. Additionally, the escalating utilization of metal structures in the construction of both residential and commercial spaces is expected to further contribute to market growth.

The steady growth in global trade, largely facilitated by the increased utilization of ships for transporting goods, has emerged as a significant driver in the industry. As a result, there has been a corresponding rise in the demand for stud welding machines within the

shipbuilding sector, consequently propelling the market forward. According to data provided by the Organization for Economic Co-operation and Development In 2022, the G-20 countries experienced substantial growth in their annual merchandise import and export figures in 2021, with imports growing by 26.1% and exports by 25.9%. Furthermore, the automotive industry retains a significant presence in the global market, as well as the increasing adoption of short-cycle/drawn arc welders in key industries is expected to contribute to the continued growth and demand for stud welding machines. However, certain limitations within the stud welding machine market are projected to impede its growth. One such limitation is the machine's suitability for welding smaller components such as plugs or studs. Additionally, the stud welding process carries inherent hazards, as the initial stages involve risks related to structural integrity, molten metal, and heat penetration.

The key regions considered for the Global Stud Welding Machine Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the rapid advancements observed in the construction, automotive, and shipbuilding sectors. Asia Pacific is also expected to grow significantly during the forecast period, the increasing demand for stud welding machines in countries such as India, China, and Japan, can be attributed to the rapid pace of industrialization in the region. Moreover, the growing investments in infrastructure development are further propelling the demand for these machines.

Major market player included in this report are:

Taylor Studwelding Systems Ltd
Cruxweld Industrial Equipments Private Limited
Tru-Weld (TFP Corporation)
Shenzhen Hongbai Technology Industrial Co., Ltd.
D.H. Enterprises
STANLEY Engineered Fastening
Image Industries Inc.
Midwest Fasteners Inc.
International Welding Technologies
Sunbelt Stud Welding, Inc.

Recent Developments in the Market:

In September 2021, Ivostud GmbH has recently completed the acquisition of OBTEC, a well-established brand in the stud welding industry. This strategic acquisition is expected to provide OBTEC with new opportunities for growth and expansion. In September 2021, HBS Bolzenschweiss-Systeme unveiled its latest stud welding

machine, named the Visar 1200. This innovative product offers versatile welding capabilities, including the ability to weld steel, stainless steel, and aluminum. Additionally, the Visar 1200 is equipped with a USB port, enabling users to conveniently load and save welding programs.

In August 2020, Brand Safway made an announcement regarding their software-driven stud welding machine, which has recently received prestigious listings from Underwriters Laboratories (UL) and the Canadian Standards Association (CSA). This recognition of their advanced stud welding machine is expected to positively impact the market's growth in the anticipated period

Global Stud Welding Machine Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Type of Arc Ignition, Material, Stud Diameter, Operation, End Use Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type of Arc Ignition:

Drawn Arc Stud Welding

Capacitor Discharge Stud Welding

By Material:

Steel

Aluminum

Copper

Brass

By Stud Diameter:

Below 3 mm

3-12 mm

12-18 mm

18 mm and above

By Operation:

Automatic

Semi-automatic

By End-Use Industry:

Automotive

Shipbuilding

Electric Goods

Construction

Farm

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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