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Global Extrusion Welders for Plastic Welding 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 Extrusion Welders for Plastic Welding market size was valued at US$ 167 million in 2025 and is forecast to a readjusted size of US$ 252 million by 2032 with a CAGR of 6.4% during review period.

Extrusion welders for plastic welding are handheld or machine-mounted tools used to join thermoplastic sheets, plates, pipes, tanks, liners, and fabricated plastic structures. The equipment melts a plastic welding rod or granules inside a small extruder and deposits the molten material into the joint while hot air preheats the base material. This produces a large, continuous weld bead in a single pass. Extrusion welding is especially suitable for thick-section thermoplastic fabrication, such as tanks, pipes, landfill liners, lagoons, roofing membranes, and chemical containers.

Global production capacity is approximately 50 thousand units.

In 2025, global sales reached approximately 45 thousand units, with an average price of around KUS$ 3.6 per unit, gross margin around 30%.

The extrusion welder market has a stable outlook because the process is essential for thick thermoplastic fabrication and field installation. It will remain important in plastic tanks, pipes, geomembranes, waterproofing membranes, environmental containment, and industrial plastic structures. Future competition will focus on lighter equipment, stable output, digital temperature control, operator safety, energy efficiency, and compatibility with more plastic materials. Although extrusion welding is more operator-dependent than fully automated welding systems, it offers strong flexibility for on-site work, repair, and customized fabrication. Overall, extrusion welders will continue to

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serve as a practical and necessary tool in plastic welding applications.

Market Trend

The extrusion welder market is developing toward portable, lightweight, digitally controlled, and application-specific equipment. Handheld extrusion welders remain widely used for on-site plastic fabrication, repair, geomembrane installation, tank manufacturing, and pipeline work. Product development focuses on stable extrusion output, precise temperature control, ergonomic design, faster heating, interchangeable welding shoes, and compatibility with PE, PP, PVC, PVDF, and other engineering plastics. Demand is also supported by environmental engineering, waterproofing, chemical storage, and infrastructure projects. Compared with hot-air welding, extrusion welding is preferred for thicker materials because it can create larger homogeneous seams in fewer passes.

Market Drive

Market growth is mainly driven by demand for plastic tanks, chemical containers, HDPE geomembranes, waterproofing systems, landfill liners, aquaculture ponds, drainage systems, and plastic pipe fabrication. These applications require strong, continuous, leak-tight welds that can resist chemicals, water pressure, weathering, and mechanical stress. Extrusion welders improve productivity because they deposit a larger volume of molten plastic than conventional hot-air welding. They are also useful for field repair and customized fabrication where molded plastic parts are not practical. Growth in environmental protection, waste containment, water management, and industrial corrosion-resistant plastic structures supports stable demand.

Upstream and Downstream

Upstream suppliers include heating element manufacturers, blower and motor suppliers, screw extruder component makers, temperature controller suppliers, sensor companies, power electronics suppliers, welding shoe and nozzle manufacturers, plastic welding rod producers, and thermoplastic resin suppliers. Key consumable materials include PE, HDPE, PP, PVC, PVDF, ABS, and other weldable thermoplastics. Downstream customers include plastic tank manufacturers, pipe fabricators, geomembrane installers, landfill and lagoon contractors, roofing and waterproofing companies, chemical plants, water treatment projects, aquaculture facilities, mining companies, construction contractors, and plastic repair service providers. Demand is strongest where thick plastic materials require durable, sealed, and corrosion-resistant joints.

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This report is a detailed and comprehensive analysis for global Extrusion Welders for Plastic Welding 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 Extrusion Welders for Plastic Welding market size and forecasts, in consumption value ($ Million), sales quantity (Units), and average selling prices (US$/Unit), 2021-2032

Global Extrusion Welders for Plastic Welding market size and forecasts by region and country, in consumption value ($ Million), sales quantity (Units), and average selling prices (US$/Unit), 2021-2032

Global Extrusion Welders for Plastic Welding market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (Units), and average selling prices (US$/Unit), 2021-2032

Global Extrusion Welders for Plastic Welding market shares of main players, shipments in revenue ($ Million), sales quantity (Units), and ASP (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 Extrusion Welders for Plastic Welding

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 Extrusion Welders for Plastic Welding market based on the following parameters - company overview, sales quantity, revenue,

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price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Leister Technologies AG, MUNSCH Kunststoff-Schwei?technik GmbH, Herz GmbH Kunststoff- & W?rmetechnologie, BAK Technology AG, RITMO S.p.A., Wegener International GmbH, HSK Kunststoff Schweisstechnik GmbH, Drader Manufacturing Industries Ltd., Fuzhou Lesite Plastic Welding Technology Co., Ltd., Fuzhou Bortte Welding Equipment Co., Ltd., etc.

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

Market Segmentation

Extrusion Welders for Plastic Welding 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

Welding Rod-fed

Pellet-fed

Market segment by Classification

Handheld

Stationary

Market segment by Preheating

Hot-air Preheating

External-air Supply

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Blower-integrated

Market segment by Application

Geomembrane and Construction Lining

Plastic Tanks and Containers

Plastic Pipes and Fittings

Others

Major players covered

Leister Technologies AG

MUNSCH Kunststoff-Schwei?technik GmbH

Herz GmbH Kunststoff- & W?rmetechnologie

BAK Technology AG

RITMO S.p.A.

Wegener International GmbH

HSK Kunststoff Schweisstechnik GmbH

Drader Manufacturing Industries Ltd.

Fuzhou Lesite Plastic Welding Technology Co., Ltd.

Fuzhou Bortte Welding Equipment Co., Ltd.

Hangzhou Welping Machinery Equipment Co., Ltd.

Hebei Mingmai Technology Co., Ltd.

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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 Extrusion Welders for Plastic Welding product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Extrusion Welders for Plastic Welding, with price, sales quantity, revenue, and global market share of Extrusion Welders for Plastic Welding from 2021 to 2026.

Chapter 3, the Extrusion Welders for Plastic Welding competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Extrusion Welders for Plastic Welding 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 Extrusion Welders for Plastic Welding market

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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 Extrusion Welders for Plastic Welding.

Chapter 14 and 15, to describe Extrusion Welders for Plastic Welding sales channel, distributors, customers, research findings and conclusion.

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