

Welding the Future: Exploring the Global Robotic Welding Market | Allied Press

global robotic welding market size was valued at \$5,450.5 million in 2018, and is projected to reach \$10,784.4 million by 2026

WILMINGTON, DELAWARE, UNITED STATES, November 7, 2023 /EINPresswire.com/ -- Introduction

In an era where technology is transforming industries, one sector has seen remarkable growth and innovation - the global [robotic welding market](#). According to a recent report from Allied Market Research, this market was valued at \$5.4 billion in 2018 and is projected to reach \$10.7 billion by 2026, reflecting a substantial CAGR of 8.7% from 2019 to 2026. The surge in demand for automation and the reduction of duties on refurbished goods in the Asia-Pacific region are fueling this growth, driven by the rapid pace of industrialization worldwide. One of the key areas experiencing a surge in robotic welding is the electronics industry.

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The Growth Drivers

Industrialization has become the bedrock of growth in the robotic welding market. With the global economy advancing at an unprecedented rate, automation has become indispensable. The increased adoption of welding robots in the automotive and metal industries is a key factor propelling market growth. Furthermore, advancements in robotics technologies have made these machines more efficient and accurate, spurring their adoption. To keep pace with the evolving needs of their customers, key market players are actively exploring new technologies and products. Product launches and business expansions are strategies they employ to expand their product portfolios and reach new regions. Emerging economies present enticing opportunities for market players looking to expand their reach. For instance, Fanuc Corporation launched the Arc Mate 100iD welding robot in March 2017, equipped with intelligent functions such as the Fanuc-developed iRVision system and compatible with various sensors and parts.

Regional Dominance

Asia-Pacific emerged as the global leader in the robotic welding market in 2018, representing 58.2% of the market's total revenue, followed by Europe. Spot welding held the largest market

share in 2018 due to its increasing use in the emerging automotive sector.

End Users: The Driving Force

The automotive and transportation sector accounted for the largest share of the market in 2018. This industry is among the most significant beneficiaries of robotic welding, utilizing automation to enhance productivity and product quality. However, it's essential to acknowledge that uncertain raw material prices may pose constraints to the market's growth.

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Key Players: Innovating the Landscape

Prominent players like Yaskawa Electric Corporation, Fanuc Corporation, and DAIHEN Corporation are committed to developing new products to fortify their market presence. These companies are also expanding their operations to remain competitive. In June 2019, Yaskawa Electric Corporation introduced the Universal Weldcom interface for arc welding, enabling easy control of any weld process or parameter through a common user interface.

Innovative Strategies

Many market players have embraced product development and expansion as their primary strategies to enrich their product portfolios. For example, in September 2017, KUKA AG announced plans to invest over \$100 million to expand and modernize its Augsburg headquarters, including the construction of a two-level production hall, a training center, an office tower, and a new parking garage.

Key Findings

The report provides a comprehensive analysis of current and emerging trends and dynamics in the global robotic welding market.

Spot welding dominated the market in terms of revenue in 2018, while the arc welding segment is projected to grow at an impressive CAGR of 9.2% during the forecast period.

The automotive and transportation sector led the market in 2018.

Asia-Pacific is expected to exhibit the highest growth rate in the coming years.

The report offers a deep analysis of market trends and emerging opportunities.

It includes an in-depth analysis of the global robotic welding market from 2018 to 2026.

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The global robotic welding market is on an upward trajectory, fueled by the growing need for automation and technological advancements. As industries worldwide continue to embrace automation, the demand for welding robots is expected to rise. Key players in the market are committed to innovating and expanding their presence, ensuring that they remain at the forefront of this dynamic industry. With Asia-Pacific leading the way, the global robotic welding market is set to be a driving force in the manufacturing sector, shaping the future of automation.

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