

# Hot Melt Equipment Market Valued at \$1.49 Billion in 2020, Projected to Reach \$2.82 Billion by 2030

*Hot Melt Equipment Market Research, 2030*

WILMINGTON, DE, UNITED STATES, June 20, 2025 /EINPresswire.com/ -- Hot Melt Equipment Market: Global Opportunity Analysis and Industry Forecast, 2021–2030

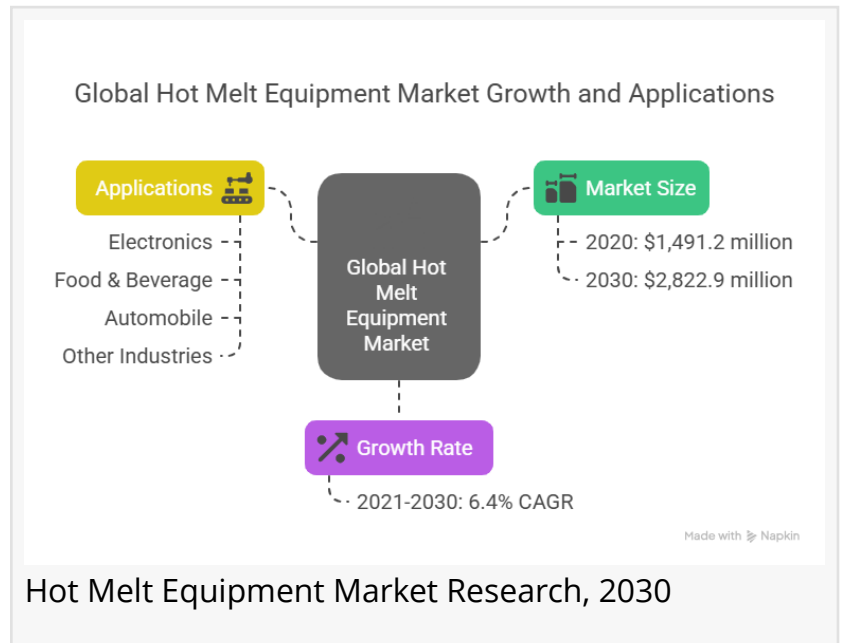
## Market Overview

The global [hot melt equipment market](#), valued at \$1.5 billion in 2020, is projected to reach \$2.8 billion by 2030, registering a compound annual growth rate (CAGR) of 6.4% from 2021 to 2030, according to a comprehensive report by Allied Market Research. This growth is driven by increasing demand from various industries, particularly in the Asia-Pacific region, which accounted for 41.2% of the global market share in 2020. Hot melt equipment plays a critical role in ensuring product safety and integrity across the supply chain, supporting applications in packaging, assembly, and other industrial processes.

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## Market Drivers

The surge in e-commerce and e-logistics has significantly propelled the demand for hot melt equipment, particularly in industries such as food and beverages, pharmaceuticals, and electronics. These sectors rely on efficient and reliable packaging solutions to meet consumer expectations for safe and timely deliveries. Advancements in research and development (R&D) have further accelerated market growth by reducing adhesive costs, making hot melt equipment more accessible and cost-effective for a broader range of applications. This cost reduction has expanded the market's reach, enabling smaller businesses to adopt these solutions.



Additionally, the growing emphasis on sustainability is a key driver. Regulatory bodies worldwide are encouraging the adoption of eco-friendly materials for packaging and assembly, which aligns with the capabilities of hot melt equipment. These systems enable the use of sustainable adhesives, reducing environmental impact and supporting compliance with stringent regulations. As industries transition toward greener practices, the demand for hot melt equipment is expected to rise steadily over the forecast period.

## Market Challenges

Despite its growth potential, the hot melt equipment market faces certain challenges. The low melting point of some adhesives limits their applicability, particularly in the food and beverage industry, where high-temperature resistance is often required. This constraint can hinder adoption in specific use cases, necessitating further innovation in adhesive formulations.

The COVID-19 pandemic also posed significant challenges, disrupting global supply chains and halting manufacturing and logistics activities. These disruptions temporarily slowed market growth, as businesses faced delays in production and distribution. However, as governments worldwide ease restrictions and businesses resume operations, the market is expected to recover and regain momentum. The gradual normalization of supply chains and manufacturing activities is likely to support steady growth in the coming years.

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## Market Segmentation

The global hot melt equipment market is segmented by product type, glue material, end user, and region, providing a comprehensive view of its dynamics.

### By Product Type

**Bench Top:** This segment was the largest revenue contributor in 2020, driven by its versatility and suitability for small- to medium-scale operations. Bench top equipment is widely used across industries for its compact design and ease of use.

Other product types include industrial-grade and automated systems, which cater to larger-scale operations with higher output requirements.

### By Glue Material

**Polyurethane:** This segment led the market in 2020, owing to its strong bonding properties and versatility across various applications.

**Polypropylene:** Known for its durability and cost-effectiveness, polypropylene is widely used in packaging and assembly.

**Ethylene-Vinyl Acetate (EVA):** EVA-based adhesives are popular for their flexibility and strong

adhesion, particularly in the packaging industry.

Others: This category includes specialty adhesives tailored to specific industrial needs.

### By End User

Food & Beverage: This segment dominated the market in 2020, driven by the need for secure and efficient packaging solutions to ensure product safety and shelf life.

Electronics: The electronics industry relies on hot melt equipment for precise and reliable assembly processes.

Medical: Hot melt equipment is used in medical packaging and device assembly, where hygiene and precision are critical.

Automotive: The automotive sector uses hot melt equipment for component assembly and bonding applications.

Others: This includes industries such as textiles, construction, and consumer goods, which are increasingly adopting hot melt solutions.

### By Region

Asia-Pacific: The region was the highest revenue contributor in 2020, accounting for 41.2% of the global market share. Rapid industrialization, a booming e-commerce sector, and increasing adoption of advanced manufacturing technologies in countries like China, Japan, India, and South Korea drive this dominance. Asia-Pacific is expected to maintain its lead throughout the forecast period.

North America: The U.S., Canada, and Mexico contribute significantly to the market, driven by advanced manufacturing and strong demand from the food and beverage and electronics sectors.

Europe: Countries such as the UK, France, Germany, and Italy are key markets, with a focus on sustainable packaging solutions and stringent regulatory standards.

LAMEA (Latin America, Middle East, and Africa): This region is expected to emerge as a significant growth area, driven by increasing industrialization and infrastructure development.

### Key Players

The global hot melt equipment market is highly competitive, with several key players driving innovation and market expansion. Major companies profiled in the report include:

3M

Banaseok Precision Industry Co., Ltd.

Glue Machinery Corporation

Graco Inc.

Henkel AG & Co. KGaA

ITW Dynatec

Nordson Corporation

Robatech AG

Twin Engineers Pvt. Ltd.  
Valco Cincinnati Inc.

These companies are investing in R&D to develop advanced equipment and adhesives, focusing on sustainability, efficiency, and cost-effectiveness to meet evolving market demands.

### Key Findings

**Market Trends:** The report highlights current and emerging trends, including the growing adoption of sustainable adhesives and automation in hot melt equipment.

**Revenue Insights:** The bench top segment and polyurethane glue material were the top revenue generators in 2020, reflecting their widespread use across industries.

**End-User Dominance:** The food and beverage sector led the market in 2020, driven by high demand for reliable packaging solutions.

**Regional Outlook:** Asia-Pacific is expected to dominate the market throughout the forecast period, while LAMEA is poised for significant growth due to emerging opportunities.

**Forecast Analysis:** The market is projected to grow steadily from 2021 to 2030, supported by increasing demand for e-commerce, sustainable packaging, and technological advancements.

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### Opportunities and Future Outlook

The hot melt equipment market presents significant opportunities for growth, particularly in the adoption of sustainable and automated solutions. The rise of e-commerce and e-logistics is expected to continue driving demand, as businesses seek efficient and reliable packaging systems. Additionally, advancements in adhesive technologies and equipment design are likely to address current limitations, such as the low melting point of adhesives, expanding their applicability across industries.

The focus on sustainability will remain a key growth driver, as regulations push for eco-friendly packaging and assembly solutions. Companies that innovate in this space, offering energy-efficient equipment and biodegradable adhesives, are likely to gain a competitive edge.

Furthermore, the recovery from COVID-19-related disruptions is expected to stabilize supply chains, enabling manufacturers to meet growing demand.

The global hot melt equipment market is on a robust growth trajectory, driven by the rise of e-commerce, advancements in adhesive technologies, and increasing regulatory support for sustainable practices. With a projected market size of \$2.8 billion by 2030, the industry offers significant opportunities for innovation and expansion. Asia-Pacific's dominance, coupled with emerging growth in LAMEA, underscores the global nature of this market. As key players continue to invest in R&D and sustainable solutions, the hot melt equipment market is well-positioned to meet the evolving needs of industries worldwide.

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