

Pharmaceutical Manufacturing Equipment Market Size, Share | CAGR of 7.3%

Global pharmaceutical manufacturing equipment market size is expected to be worth USD 38.82 billion by 2032, from USD 23.67 billion in 2025, at a CAGR of 7.3%.

PUNE, MAHARASHTRA, INDIA,
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EINPresswire.com/ -- Overview

The [global pharmaceutical manufacturing equipment market](#) was valued at USD 22.36 billion in 2024 and is projected to reach USD 38.82 billion

by 2032, growing at a CAGR of 7.3% from 2025 to 2032. The market's growth is driven by the increasing demand for medicines, continuous advancements in production technologies, and stringent regulatory requirements. The market is highly competitive, with a strong emphasis on efficiency, compliance, and innovation. The Asia Pacific region emerged as the dominant force in

2024, holding a 41.64% market share, fueled by strong manufacturing capabilities and significant investments in countries like China, India, Japan, and South Korea.



Pharmaceutical manufacturing equipment market is on a robust growth trajectory, expected to reach USD 38.82 billion by 2032. This expansion is fueled by technological innovation & strict regulations."

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Competitive Landscape

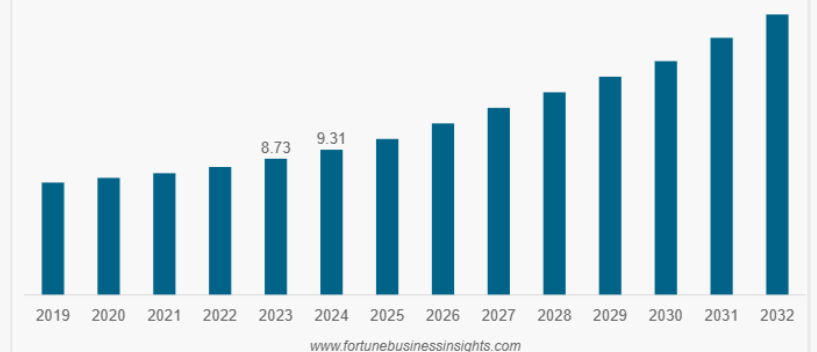
The market's competitive landscape is defined by a mix of global conglomerates and specialized companies.

Competition is centered on product upgrades, innovation,

and strategic collaborations. Key players are investing in R&D to enhance equipment efficiency, automation, and overall operational performance.

Key Industry Players

Asia Pacific Pharmaceutical Manufacturing Equipment Market Size, 2019-2032 (USD Billion)



Pharmaceutical Manufacturing Equipment Market

- GEA Group AG (Germany)
- Syntegon Technology GmbH (Germany)
- Sartorius AG (Germany)
- ACG (India)
- I.M.A. Industria Macchine Automatiche S.p.A. (Italy)
- Glatt GmbH (Germany)
- Romaco Group (Germany)
- Fette Compacting (Germany)
- Paul Mueller (U.S.)
- SED Pharma (China)
- Marchesini Group S.p.A (Italy)
- Shimadzu Corporation (Japan)
- Becton, Dickinson, and Company (U.S.)
- Thermo Fisher Scientific (U.S.)
- PerkinElmer, Inc. (U.S.)
- Merck KGaA (Germany)
- Agilent Technologies, Inc. (U.S.)
- Korber AG (Germany)
- Shanghai Pharmaceutical Machinery Co. Ltd. (China)
- Robert Bosch GmbH (Germany)

Key Drivers and Growth Factors

Several factors are propelling the growth of the pharmaceutical manufacturing equipment market:

- **Stringent Regulations:** Regulatory bodies like the FDA and EMA enforce strict guidelines, which necessitates the use of high-performance and validated equipment to ensure precision and quality. This regulatory environment drives continuous investment in advanced machinery.
- **Rising API & Biologics Demand:** The escalating global need for generic drugs, active pharmaceutical ingredients (APIs), and biologics is boosting equipment sales, particularly for specialized, high-capacity machinery.
- **Technological Advancements:** The continuous innovation in automation, process efficiency, and the adoption of Industry 4.0 technologies are accelerating market expansion. The integration of IoT, for example, allows for real-time monitoring and predictive analytics, which enhances operational efficiency.
- **Outsourcing and Contract Manufacturing:** The growing reliance on Contract Development and Manufacturing Organizations (CDMOs) and Contract Research Organizations (CROs), especially in cost-effective regions, supports the market's growth.

Challenges and Restraints

Despite the positive outlook, the market faces notable challenges:

- **High Capital Investment:** The significant initial capital required to purchase and maintain sophisticated pharmaceutical manufacturing equipment remains a major barrier for small and mid-sized players.

- **Supply Chain Disruptions:** Geopolitical instability and high tariffs on exports can lead to short-term supply chain disruptions, impacting business operations.
- **Regulatory Complexities:** Stringent regulations can increase operational complexities, leading to longer equipment validation cycles and higher compliance costs.

Opportunities and Future Potential

The market is ripe with opportunities, especially in these areas:

- **Demand for Sustainable Green Technology:** There is a growing focus on sustainability within the pharmaceutical sector, opening doors for eco-friendly, energy-efficient, and waste-reducing equipment solutions.
- **Expansion into Emerging Markets:** Emerging markets present significant potential due to a rising demand for pharmaceuticals and a growing need for advanced manufacturing capabilities.
- **Advanced Therapies:** The development of equipment tailored for advanced cell and gene therapy technologies offers a promising growth avenue.

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Segmentation Analysis

The market is segmented based on equipment type, manufacturing type, and end user, each with its own dynamics.

By Equipment

The dryer and granulator equipment segment holds the largest market share, driven by the increasing demand for advanced formulation and medicine production. Meanwhile, the mixing and blending equipment segment is witnessing the highest CAGR, spurred by the development of miniaturized and effective medicines.

By Manufacturing Type

The continuous manufacturing segment is experiencing the highest growth and share. This is due to the rapid post-pandemic adoption of this technology and its seamless integration with existing automated systems.

By End User

The CDMO (Contract Development and Manufacturing Organization) segment leads the market with the highest share, primarily due to the heavy outsourcing of development and manufacturing activities to these organizations.

Emerging Trends & Technologies

The pharmaceutical manufacturing equipment market is being shaped by several key trends. The integration of IoT and automation is revolutionizing efficiency, quality control, and compliance. Single-Use Technologies (SUT) are seeing rapid adoption to reduce contamination risks and

lower operational costs, particularly in continuous manufacturing. Additionally, there is a heightened focus on advanced anti-counterfeiting and track & trace solutions to meet regulatory and market demands.

Future Outlook & Forecast

The future of the pharmaceutical manufacturing equipment market appears promising, driven by continued innovation and global health needs. The market is projected to grow to USD 38.82 billion by 2032 at a CAGR of 7.3%. The Asia Pacific region will likely maintain its dominance due to its robust manufacturing base and rising investments. The shift toward sustainable practices and the increasing demand for advanced therapeutics will present new opportunities for both established players and new entrants.

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