

Powder Processing Equipment Market to Reach \$28.4 Billion by 2032, Growing at 5.6% CAGR | Allied Market Research

Rising demand from pharmaceuticals, chemicals, and food processing industries drives global expansion of advanced powder handling and processing technologies

WILMINGTON, DE, UNITED STATES, June 24, 2026 /EINPresswire.com/ -- According to a new report published by Allied Market Research, titled, "[Powder Processing Equipment Market Opportunities and Forecast, 2023-2032](#)" by

Equipment Type, Operation Mode, End-Use Industry, and Region: Global Opportunity Analysis and Industry Forecast, 2023–2032," the global powder processing equipment market was valued at \$17.3 billion in 2023 and is projected to reach \$28.4 billion by 2032, growing at a CAGR of 5.6% from 2024 to 2032. The market growth is driven by increasing demand for processed powders in pharmaceuticals,

chemicals, food & beverage, and metallurgy industries, along with advancements in automation and precision processing technologies. (alliedmarketresearch.com)

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Rising industrial automation and demand for high-precision material processing are accelerating adoption of advanced powder processing systems globally.”

Allied Market Research Analyst

Powder processing equipment plays a critical role in transforming raw materials into fine, uniform powder forms used across multiple industrial applications. These systems include size reduction equipment, mixing & blending machines, drying systems, and granulation units that ensure product consistency, efficiency, and quality across manufacturing processes.



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POWDER PROCESSING EQUIPMENT MARKET OPPORTUNITIES AND FORECAST, 2023-2032

The powder processing equipment market is witnessing steady expansion due to several structural and technological factors:

- > Growing demand from pharmaceutical manufacturing for precise powder formulation
- > Expansion of food processing and nutraceutical industries
- > Rising use of powder-based chemicals and specialty materials
- > Increasing automation in industrial manufacturing processes
- > Advancements in energy-efficient and contamination-free equipment
- > Strong demand for consistent particle size distribution and quality control

Manufacturers are increasingly adopting automated and closed-system powder processing solutions to reduce contamination risks, improve efficiency, and ensure regulatory compliance, particularly in pharmaceutical and food-grade applications.

However, high initial capital investment, maintenance complexity, and energy consumption challenges remain key constraints for market growth.

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By Equipment Type

The market is segmented into:

- Size Reduction Equipment
- Mixing & Blending Equipment
- Drying Equipment
- Classification Equipment
- Granulation Equipment
- Others

Size reduction equipment accounted for a significant share of the market due to its widespread use in pharmaceuticals, chemicals, and food processing industries where particle size control is essential. Mixing and blending equipment is also witnessing strong adoption for achieving uniform composition in industrial formulations.

By Operation Mode

- Manual
- Semi-Automatic
- Automatic

Automatic systems dominate the market as industries increasingly adopt smart manufacturing practices to improve efficiency, reduce human intervention, and enhance production accuracy.

Semi-automatic systems remain relevant in small and mid-scale production environments.

By End-Use Industry

Pharmaceuticals
Food & Beverage
Chemicals
Metals & Mining
Construction
Others

The pharmaceuticals segment leads the market due to stringent regulatory requirements for powder consistency, purity, and controlled particle size. Food & beverage and chemical industries also contribute significantly due to rising demand for processed ingredients and specialty powders.

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North America

North America holds a substantial share of the powder processing equipment market, driven by advanced manufacturing infrastructure, strong pharmaceutical production capacity, and early adoption of automation technologies. The U.S. remains a key contributor due to high investments in industrial R&D and process optimization.

Europe

Europe represents a mature market supported by strict regulatory standards, advanced pharmaceutical manufacturing, and strong demand for high-quality processed powders in food and chemical industries. Germany, France, and the U.K. lead regional adoption.

Asia-Pacific

Asia-Pacific is expected to register the fastest growth during the forecast period, fueled by rapid industrialization, expanding pharmaceutical manufacturing in India and China, and increasing demand from food processing and chemical industries. Growing investments in manufacturing infrastructure further support regional expansion.

LAMEA

The LAMEA region is witnessing steady growth driven by increasing industrialization, mining activities, and gradual expansion of pharmaceutical and food processing sectors. Brazil, Saudi

Prater Industries, Inc.
Munson Machinery Company, Inc.
Fitzpatrick Company (IPEC)

These players are focusing on technological innovation, automation integration, strategic partnerships, and global expansion to strengthen their competitive positioning in the evolving industrial processing landscape.

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Manufacturers, investors, industrial operators, and stakeholders can access the full report to gain comprehensive insights into market trends, growth drivers, competitive landscape, technological advancements, and regional opportunities shaping the future of powder processing equipment.

The report provides detailed analysis across equipment types, operational modes, end-use industries, and geographic regions through 2032.

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