

# **Granulator Machines Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034**

<https://marketpublishers.com/r/G23F4197DA56EN.html>

Date: April 2025

Pages: 220

Price: US\$ 4,850.00 (Single User License)

ID: G23F4197DA56EN

## **Abstracts**

The Global Granulator Machines Market was valued at USD 2.5 billion in 2024 and is estimated to grow at a CAGR of 5.1% to reach USD 4.1 billion by 2034. This growth is primarily driven by rising demand across several industries, particularly in pharmaceutical manufacturing, where granulator machines are crucial for producing tablets, capsules, and other dosage forms. With the increasing complexity of drug formulations and the need for precise particle size, companies are investing in advanced granulation equipment to ensure quality, consistency, and compliance with stringent regulations.

Innovations in pharmaceutical technology and the growing demand for high-quality formulations have significantly influenced the adoption of modern granulators. These machines play a critical role in meeting production standards by delivering uniform granules, essential for controlled drug release and enhanced absorption. The expanding pharmaceutical sector, along with technological advancements in machine design and automation, is fueling the need for precision equipment capable of handling large volumes while maintaining consistent quality. This rising need is also being mirrored in other sectors, such as chemicals, food processing, plastics, and recycling, where high-performance granulation equipment is integral to efficient operations.

In 2024, high shear granulators emerged as the leading machine type, generating approximately USD 700 million in revenue. These machines are particularly valued for their ability to deliver customizable granule sizes and shapes, making them ideal for applications where precision is critical. The segment's popularity is largely attributed to its advanced features that allow manufacturers to fine-tune granulation parameters for optimal results. Meanwhile, rotary drum granulators are anticipated to record the fastest

growth during the forecast period, with a projected CAGR of about 5.4% from 2025 to 2034. Their high-capacity processing capabilities make them particularly suitable for industries that require bulk production, such as chemical and fertilizer manufacturing.

The increasing implementation of automation and real-time monitoring technologies is transforming how granulation machines operate. Manufacturers are incorporating IoT-driven systems that allow for better control over variables like mixing duration and moisture content, ultimately improving product quality and minimizing batch-to-batch inconsistencies. These smart enhancements also enable operators to adjust production parameters on the fly, ensuring high efficiency and reduced operational costs. In rotary drum granulators, newer models now offer advanced temperature and moisture control systems, along with improved energy efficiency to meet growing environmental and sustainability standards.

The market is categorized based on end-use industries, which include pharmaceuticals, chemicals, food, plastics, recycling, and others. In 2024, the pharmaceutical sector accounted for 32% of the overall market, reflecting its dominant role in driving demand for high-precision granulation equipment. The growing complexity in pharmaceutical manufacturing, particularly in producing consistent and uniform granules, is prompting a shift toward equipment that offers better process control. High shear and rotary granulators are increasingly being used due to their ability to maintain granule uniformity and deliver scalable production output.

Technological advancements are also expanding the applications of granulation equipment into the food processing sector. Enhanced automation and streamlined control systems are making these machines more adaptable for producing processed and packaged food products with consistent texture and quality. In the chemical and fertilizer industries, rotary drum granulators are gaining traction due to their ability to handle large-scale production without compromising on consistency and efficiency.

Geographically, the United States dominated the North American granulator machines market in 2024, capturing nearly 76% of the regional share and generating revenue of approximately USD 600 million. The country's strong pharmaceutical and chemical manufacturing base is playing a significant role in sustaining this growth. As the pharmaceutical sector continues to expand, the demand for sophisticated granulation equipment that ensures compliance with regulatory standards is on the rise. Manufacturers are increasingly favoring high shear and oscillating granulators for their superior output quality and reliability.

In the chemical sector, the shift toward high-volume, high-quality production has led to the widespread adoption of smart granulators. These machines help manufacturers maintain product consistency while achieving bulk output, making them a key component in modern chemical processing facilities.

The granulator machines industry includes several prominent players who are actively investing in technology development and strategic partnerships to strengthen their market presence. These efforts are geared toward offering more efficient, adaptable, and user-friendly solutions that align with evolving industry demands. By enhancing their technological capabilities and collaborating on innovation, companies aim to deliver advanced granulation solutions that improve productivity and product quality across diverse end-use sectors.

## Contents

### CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definitions
- 1.2 Base estimates & calculations
- 1.3 Forecast calculations.
- 1.4 Data sources
  - 1.4.1 Primary
  - 1.4.2 Secondary
    - 1.4.2.1 Paid sources
    - 1.4.2.2 Public sources

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021 - 2034

### CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
  - 3.1.1 Factor affecting the value chain.
  - 3.1.2 Profit margin analysis.
  - 3.1.3 Disruptions
  - 3.1.4 Future outlook
  - 3.1.5 Manufactures
  - 3.1.6 Distributors
- 3.2 Trump administration tariffs analysis
  - 3.2.1 Impact on trade
    - 3.2.1.1 Trade volume disruptions
    - 3.2.1.2 Retaliatory measures
  - 3.2.2 Impact on the industry
    - 3.2.2.1 Supply-side impact (raw materials)
    - 3.2.2.2 Price volatility in key materials
    - 3.2.2.3 Supply chain restructuring
    - 3.2.2.4 Production cost implications
    - 3.2.2.5 Demand-side impact (selling price)
    - 3.2.2.6 Price transmission to end markets
    - 3.2.2.7 Market share dynamics
    - 3.2.2.8 Consumer response patterns

- 3.2.3 Key companies impacted
- 3.2.4 Strategic industry responses
  - 3.2.4.1 Supply chain reconfiguration
  - 3.2.4.2 Pricing and product strategies
  - 3.2.4.3 Policy engagement
- 3.2.5 Outlook and future considerations
- 3.3 Supplier landscape
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
  - 3.6.1 Growth drivers
    - 3.6.1.1 Rising demand from the pharmaceutical industry
    - 3.6.1.2 Growth in the chemical and fertilizer industries
  - 3.6.2 Industry pitfalls & challenges
    - 3.6.2.1 High initial investment and maintenance costs
    - 3.6.2.2 Complexity in machine operation and training
- 3.7 Growth potential analysis
- 3.8 Porter's analysis
- 3.9 PESTEL analysis

## **CHAPTER 4 COMPETITIVE LANDSCAPE, 2024**

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

## **CHAPTER 5 MARKET ESTIMATES & FORECAST, BY MACHINE TYPE, 2021 - 2034 (USD BILLION) (THOUSAND UNITS)**

- 5.1 Key trends
- 5.2 Oscillating granulators
- 5.3 High shear granulators
- 5.4 Vibrating granulators
- 5.5 Rotary drum granulators
- 5.6 Roller compactor granulators
- 5.7 Others (disc pan granulator etc.)

## **CHAPTER 6 MARKET ESTIMATES & FORECAST, BY TYPE, 2021 - 2034 (USD**

**BILLION) (THOUSAND UNITS)**

- 6.1 Key trends
- 6.2 Wet granulators
- 6.3 Dry granulators

**CHAPTER 7 MARKET ESTIMATES & FORECAST, BY MODE OF OPERATION, 2021 - 2034 (USD BILLION) (THOUSAND UNITS)**

- 7.1 Key trends
- 7.2 Manual
- 7.3 Semi-automatic
- 7.4 Fully automatic

**CHAPTER 8 MARKET ESTIMATES & FORECAST, BY CAPACITY, 2021 - 2034 (USD BILLION) (THOUSAND UNITS)**

- 8.1 Key trends
- 8.2 Below 500 Kg/hr
- 8.3 500 to 1000 Kg/hr
- 8.4 1000 to 1500 Kg/hr
- 8.5 Above 1500 Kg/hr

**CHAPTER 9 MARKET ESTIMATES & FORECAST, BY END USE INDUSTRY, 2021 - 2034 (USD BILLION) (THOUSAND UNITS)**

- 9.1 Key trends
- 9.2 Pharmaceutical
- 9.3 Chemical
- 9.4 Food industry
- 9.5 Plastic industry
- 9.6 Recycling industry
- 9.7 Others (cosmetics industry etc.)

**CHAPTER 10 MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL, 2021 - 2034 (USD BILLION) (THOUSAND UNITS)**

- 10.1 Key trends
- 10.2 Direct sales

### 10.3 Indirect sales

## **CHAPTER 11 MARKET ESTIMATES & FORECAST, BY REGION, 2021 - 2034 (USD BILLION) (THOUSAND UNITS)**

### 11.1 Key trends

### 11.2 North America

#### 11.2.1 U.S.

#### 11.2.2 Canada

### 11.3 Europe

#### 11.3.1 UK

#### 11.3.2 Germany

#### 11.3.3 France

#### 11.3.4 Italy

#### 11.3.5 Spain

#### 11.3.6 Russia

### 11.4 Asia Pacific

#### 11.4.1 China

#### 11.4.2 India

#### 11.4.3 Japan

#### 11.4.4 South Korea

#### 11.4.5 Australia

### 11.5 Latin America

#### 11.5.1 Brazil

#### 11.5.2 Mexico

### 11.6 MEA

#### 11.6.1 UAE

#### 11.6.2 Saudi Arabia

#### 11.6.3 South Africa

## **CHAPTER 12 COMPANY PROFILES**

### 12.1 Allpack

### 12.2 Cumberland

### 12.3 Fluid Air

### 12.4 Freund-Vector

### 12.5 GEA

### 12.6 Getecha

### 12.7 Glatt

- 12.8 GlobePharma
- 12.9 Levstal
- 12.10 Rapid Granulator
- 12.11 ServoLiFT
- 12.12 THM recycling solutions
- 12.13 Vaner Machinery
- 12.14 Wittmann
- 12.15 Xertecs



## I would like to order

Product name: Granulator Machines Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/G23F4197DA56EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G23F4197DA56EN.html>