

# Pharmaceutical Packaging Machine Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

https://marketpublishers.com/r/PAF01610B8F1EN.html

Date: December 2024

Pages: 220

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

ID: PAF01610B8F1EN

#### **Abstracts**

The Global Pharmaceutical Packaging Machine Market achieved a valuation of USD 4.1 billion in 2023 and is projected to grow at a robust CAGR of 5.1% between 2024 and 2032. This growth is driven by an escalating demand for pharmaceutical products, technological advancements in packaging, the rise of biopharmaceuticals, a shift toward eco-friendly packaging solutions, and an increased focus on patient safety. As the global population expands and healthcare needs rise, particularly in emerging economies, the pharmaceutical sector continues to witness significant growth, fueling demand for advanced packaging solutions.

The market encompasses various machine types, including filling machines, wrapping and sealing machines, labeling machines, packing and palletizing machines, cartoning machines, and more. Among these, the filling machines segment emerged as a key player, generating USD 1.3 billion in 2023 and projected to grow at a CAGR of 5.6% during the forecast period. This segment's growth is largely attributed to the increasing specialization of pharmaceutical products such as biologics, vaccines, and personalized medicines. Filling machines are designed for precision and accuracy, enabling efficient management of smaller doses while minimizing product wastage—essential in today's advanced pharmaceutical landscape.

The market also segments by automation levels, including manual, semi-automatic, and fully automatic machines. Fully automatic machines dominated the industry with a 61% market share in 2023 and are expected to grow at a CAGR of 5.4% through 2032. These machines are in high demand for their ability to handle high-volume production with unparalleled speed, accuracy, and consistency. Fully automated systems streamline the entire packaging process, from filling and sealing to labeling and



cartoning, significantly reducing human intervention. Their efficiency makes them indispensable for large-scale pharmaceutical companies and high-demand markets.

The U.S. pharmaceutical packaging machine market reached USD 700 million in 2023 and is set to grow at a CAGR of 5.2% during the forecast period. This growth is propelled by increasing demand for pharmaceutical products, rapid technological advancements, and the integration of robotics and artificial intelligence into packaging processes. Additionally, the growing focus on biopharmaceuticals and personalized medicine drives the demand for cutting-edge packaging solutions. As one of the world's largest pharmaceutical markets, the U.S. continues to experience rising demand for both over-the-counter and prescription drugs, cementing its position as a key contributor to the global pharmaceutical packaging machine industry.



#### **Contents**

#### **CHAPTER 1 METHODOLOGY & SCOPE**

- 1.1 Market scope & definition
- 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, 2021-2032

#### **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 Manufacturers
  - 3.1.6 Distributors
- 3.2 Supplier landscape
- 3.3 Profit margin analysis.
- 3.4 Key news & initiatives
- 3.5 Regulatory landscape
- 3.6 Impact forces
  - 3.6.1 Growth drivers
    - 3.6.1.1 Increasing pharmaceutical demand
    - 3.6.1.2 Shift towards sustainable packaging
  - 3.6.2 Industry pitfalls & challenges
    - 3.6.2.1 High Initial investment and maintenance costs
    - 3.6.2.2 Complexity in packaging for specialized products
- 3.7 Technological overview
- 3.8 Growth potential analysis



- 3.9 Porter's analysis
- 3.10 PESTEL analysis

#### **CHAPTER 4 COMPETITIVE LANDSCAPE, 2023**

- 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, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 5.1 Key trends
- 5.2 Filling machines
- 5.3 Wrapping and sealing
- 5.4 Labelling
- 5.5 Packing and palletizing
- 5.6 Cartoning machines
- 5.7 Others (tablet counting machine etc.)

## CHAPTER 6 MARKET ESTIMATES & FORECAST, BY TYPE, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 6.1 Key trends
- 6.2 Manual
- 6.3 Semi-automatic
- 6.4 Fully automatic

## CHAPTER 7 MARKET ESTIMATES & FORECAST, BY OUTPUT CAPACITY, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 7.1 Key trends
- 7.2 Low (up to 10,000 items/h)
- 7.3 Medium (10,000 to 20,000 items/h)
- 7.4 High (above 20,000 to 30,000 items/h)

### CHAPTER 8 MARKET ESTIMATES & FORECAST, BY PACKAGING MATERIAL, 2021-2032 (USD BILLION) (THOUSAND UNITS)



- 8.1 Key trends
- 8.2 Glass
- 8.3 Plastic
- 8.4 Paper
- 8.5 Others (composites etc.)

### CHAPTER 9 MARKET ESTIMATES & FORECAST, BY FORMULATION TYPE, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 9.1 Key trends
- 9.2 Liquid
- 9.3 Solid
- 9.4 Semisolid

## CHAPTER 10 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 10.1 Key trends
- 10.2 Blister
- 10.3 Bottle
- 10.4 Vial
- 10.5 Sachet
- 10.6 Strip
- 10.7 Others (capsule etc.)

### CHAPTER 11 MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 11.1 Key trends
- 11.2 Direct sales
- 11.3 Indirect sales

### CHAPTER 12 MARKET ESTIMATES & FORECAST, BY REGION, 2021-2032 (USD BILLION) (THOUSAND UNITS)

- 12.1 Key trends
- 12.2 North America
  - 12.2.1 U.S.



- 12.2.2 Canada
- 12.3 Europe
  - 12.3.1 UK
  - 12.3.2 Germany
  - 12.3.3 France
  - 12.3.4 Italy
  - 12.3.5 Spain
  - 12.3.6 Russia
- 12.4 Asia Pacific
  - 12.4.1 China
  - 12.4.2 India
  - 12.4.3 Japan
- 12.4.4 South Korea
- 12.4.5 Australia
- 12.5 Latin America
  - 12.5.1 Brazil
  - 12.5.2 Mexico
- 12.6 MEA
  - 12.6.1 UAE
  - 12.6.2 Saudi Arabia
  - 12.6.3 South Africa

#### **CHAPTER 13 COMPANY PROFILES**

- 13.1 Bausch+Strobel
- 13.2 Cama Group
- 13.3 Farmadosis
- 13.4 Harro Hofliger
- 13.5 Heino Ilsemann
- 13.6 Jornen Machinery
- 13.7 Korber
- 13.8 Lodha Pharma
- 13.9 Optel Group
- 13.10 Romaco
- 13.11 SaintyCo
- 13.12 Schubert Group
- 13.13 TGM Technomachines
- 13.14 Uhlmann
- 13.15 ULMA Packaging



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