

Glass Manufacturing Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025-2034

Market Report | 2025-02-05 | 134 pages | Global Market Insights

AVAILABLE LICENSES:

- Single User \$4850.00
- Multi User \$6050.00
- Enterprise User \$8350.00

Report description:

The Global Glass Manufacturing Market reached USD 290.1 billion in 2024 and is projected to grow at a CAGR of 7.5% from 2025 to 2034., driven by increasing demand across various industries. The rising preference for glass as a sustainable and versatile material fuels market growth, particularly in packaging, construction, and high-tech applications. As industries shift towards eco-friendly alternatives, glass manufacturing is gaining momentum due to its recyclability, energy efficiency, and superior durability.

Technological advancements are reshaping the industry, with innovations such as smart glass and low-emissivity coatings becoming integral to modern applications. Smart glass, used in automotive and architectural sectors, enhances energy efficiency by regulating light transmission. Low-emissivity glass reduces heat loss, making it a preferred choice for energy-efficient buildings. Increasing investments in research and development are paving the way for high-performance glass solutions tailored to evolving consumer and industry demands. Companies are actively adopting advanced production techniques to enhance quality, durability, and design flexibility.

The market is segmented by product type into flat glass, container glass, fiberglass, and specialty glass. Specialty glass holds a substantial market share, accounting for 43.7%, due to its superior strength, heat resistance, and precision engineering. This type of glass plays a crucial role in industries requiring specialized coatings and optical characteristics. Sectors such as healthcare, electronics, and aerospace rely on specialty glass for its exceptional durability and performance in extreme conditions. Manufacturers are focusing on advanced techniques to improve strength, chemical resistance, and clarity, catering to the stringent requirements of high-end applications.

In terms of end-use sectors, the glass manufacturing market is driven by demand from packaging, construction, automotive, telecommunications, and electronics industries. Packaging alone represents 37% of the market, as glass remains a preferred material for preserving product integrity and ensuring consumer safety. Its non-reactive nature and superior barrier properties

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

make it an ideal choice for food, beverage, and pharmaceutical packaging. With growing consumer awareness regarding sustainability, glass packaging is gaining traction as an eco-friendly alternative to plastic. Leading manufacturers are introducing lightweight glass containers to enhance convenience while maintaining strength and durability.

The US glass manufacturing industry generated USD 22.9 billion in 2024 and is expected to reach USD 34.9 billion by 2034. Companies are collaborating with regulatory bodies to enhance energy efficiency, reduce emissions, and comply with stringent environmental standards. Advanced glass materials are widely utilized in high-value sectors such as consumer electronics, vehicle components, and energy-efficient building solutions. The ongoing transition towards sustainable and technologically advanced glass products positions the industry for robust growth in the coming years.

Table of Contents:

Report Content

Chapter 1 Methodology and Scope

1.1 Market scope and definitions

1.2 Base estimates & calculations

1.3 Forecast calculation

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 360° synopsis

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 Industry impact forces

3.6.1 Growth drivers

3.6.1.1 Increasing infrastructure projects in Asia - pacific region

3.6.1.2 Automotive industry continues its upward trajectory.

3.6.1.3 Packaging industry increasingly opts for glass, valuing its transparency.

3.6.2 Industry pitfalls and challenges

3.6.2.1 High energy consumption stands as a major hurdle for the market.

3.6.2.2 Raw material prices experience fluctuations.

3.7 Growth potential analysis

3.8 Porter's analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

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 and Forecast, By Product, 2021 - 2034 (USD Bn) (Kilo Tons)

5.1 Key trends

5.2 Flat glass

5.3 Container glass

5.4 Fiber glass

5.5 Specialty glass

Chapter 6 Market Estimates and Forecast, By Sector, 2021 - (USD Bn) (Kilo Tons)

6.1 Key trends

6.2 Packaging

6.3 Automotive & transportation

6.4 Construction

6.5 Telecommunication

6.6 Electronics

6.7 Others

Chapter 7 Market Estimates and Forecast, By Region, 2021 - 2034 (USD Bn) (Kilo Tons)

7.1 Key trends

7.2 North America

7.2.1 U.S.

7.2.2 Canada

7.3 Europe

7.3.1 Germany

7.3.2 UK

7.3.3 France

7.3.4 Spain

7.3.5 Italy

7.3.6 Netherlands

7.4 Asia Pacific

7.4.1 China

7.4.2 India

7.4.3 Japan

7.4.4 Australia

7.4.5 South Korea

7.5 Latin America

7.5.1 Brazil

7.5.2 Mexico

7.5.3 Argentina

7.6 Middle East and Africa

7.6.1 Saudi Arabia

7.6.2 South Africa

7.6.3 UAE

Chapter 8 Company Profiles

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.1 AGC Glass
 - 8.2 Ardagh Group
 - 8.3 Asahi Glass
 - 8.4 Corning Inc
 - 8.5 Guardian Glass
 - 8.6 Saint Gobain
 - 8.7 Schott AG
 - 8.8 Stoelzle Glass Group
 - 8.9 Vetropack Holding SA
 - 8.10 Virdala
-

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Glass Manufacturing Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025-2034

Market Report | 2025-02-05 | 134 pages | Global Market Insights

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User	\$4850.00
	Multi User	\$6050.00
	Enterprise User	\$8350.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-02-17"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com



Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com
www.scotts-international.com