

Free Standing Commercial Greenhouse Market Size & Share Analysis - Growth Trends & Forecasts (2025 - 2030)

> **Industry:** Indoor Farming & Farm Mechanization (Agriculture & Agribusiness)

> **Source:** <https://www.mordorintelligence.com/industry-reports/global-free-standing-commercial-greenhouse-market>

> **Scraped Date:** 2026-09-17

Executive Market Summary

Market Metric	Details
Base Market Size	USD 17.89 billion
Projected Forecast (2031)	USD 17.89 billion
Growth Rate (CAGR)	6.72%
Largest Market Region	N/A
Fastest-Growing Region	N/A

Market Visualizations & Infographics

!Major players in Free Standing Commercial Greenhouse industry(images/chart_2.png)

!Free Standing Commercial Greenhouse Market Summary(images/chart_3.png)

!Free Standing Commercial Greenhouse Market: Per Capita Fresh Tomato Consumption in Kg, United States, 2022-2023(images/chart_4.png)

!Free Standing Commercial Greenhouse Market: Market Size in %, Region, 2024(images/chart_5.png)

!Free Standing Commercial Greenhouse Market Concentration (images/chart_6.png)

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Comprehensive Research Analysis

Overview Points List Flex 49 Share Feature End

Study Period | 2019 - 2030 |

Market Size (2025) | USD 17.89 Billion |

Market Size (2030) | USD 24.76 Billion |

CAGR (2025 - 2030) | 6.72% |

Fastest Growing Market | Europe |

Largest Market | North America |

Market Concentration | Low |

Major Players*Disclaimer: Major Players sorted in no particular order

Market Overview Section

Free Standing Commercial Greenhouse Market Analysis by Mordor Intelligence
The Free Standing Commercial Greenhouse Market size is estimated at USD 17.89 billion in 2025, and is expected to reach USD 24.76 billion by 2030, at a CAGR of 6.72% during the forecast period (2025-2030).

The free-standing commercial greenhouse market is growing significantly as demand increases for high-yield, climate-controlled agricultural solutions worldwide. These structures support the cultivation of vegetables, fruits, flowers, and medicinal plants. With global population growth and diminishing arable land, commercial greenhouses provide an essential solution to increase food production while optimizing resource usage. The United Nations projects a global population of 9.8 billion by 2050, necessitating enhanced food security amid limited arable land availability. Farmers and agribusinesses are investing in these structures to improve crop yields, extend growing seasons, and reduce climate change-related risks.

The increasing adoption of advanced agricultural technologies drives the free-standing commercial greenhouse market. Developments in hydroponics, aeroponics, and automated climate control systems have improved greenhouse efficiency and cost-effectiveness. Smart greenhouses with IoT sensors, artificial intelligence (AI), and data analytics enable farmers to monitor and adjust temperature, humidity, and light levels in real-time. The American Farm Bureau Federation (AFBF) reported that 56% of US farms adopted agricultural technology such as control farming, hydroponics, and vertical farming in 2022.

The proximity of commercial greenhouses to urban centers enables rapid delivery of farm-fresh produce, driving market growth. Stand-alone commercial greenhouses operating near consumer markets reduce transportation times and quality loss compared to traditional open-field farming. This proximity ensures swift delivery to supermarkets, restaurants, and consumers, minimizing post-harvest losses and preserving nutritional value. Statistics Canada reported that greenhouse lettuce production increased from 14,528 metric tons in 2022 to 14,751 metric tons in 2023, with free-standing commercial greenhouses contributing significantly to this growth due to consumer preference for fresh produce.

Government initiatives and subsidies supporting greenhouse farming contribute to market expansion. Many countries offer financial incentives and technical support to encourage greenhouse cultivation adoption. In regions with extreme weather conditions, such as the Middle East and Africa, governments promote greenhouse farming to maintain a year-round food supply. In August 2022, Saudi Arabia's Ministry of Environment, Water, and Agriculture allocated USD 27 million to develop and implement free-standing control environment farming technologies to enhance food security. In developing economies, the emphasis on modern agricultural practices has increased the adoption of free-standing commercial greenhouses among small- and medium-scale farmers to improve productivity and income.

Market Trends Section Component 4

Global Free Standing Commercial Greenhouse Market Trends and Insights
Fruits and Vegetables is Dominating Crop Type Segment
Fruits and vegetables represent the largest crop type segment in the free-standing commercial greenhouse market, driven by increasing global demand for fresh, high-quality produce. These crops thrive in greenhouse environments, where climate control systems help optimize growth conditions, resulting in higher yields and year-round production. The USDA data shows a decrease in farmland area from 880.1 million acres in 2022 to 879 million acres in 2023, with reductions in both cropland and grazed forestland areas. Free-standing greenhouses help address production challenges in limited land availability.

ilability with more convenience.

The dominance of fruits and vegetables in this market stems from global population growth and increasing per capita consumption of fresh produce. Consumers prioritize fresh, nutrient-rich foods as awareness of healthy eating grows. According to USDA, per capita consumption of fresh tomatoes in the United States increased from 8.61 kg in 2022 to 8.71 kg in 2023. Greenhouse-grown fruits and vegetables provide a consistent supply of high-quality produce, unaffected by seasonal disruptions and weather uncertainties. Urbanization has also increased demand for locally sourced fresh produce, reducing reliance on long-distance transportation.

Technological developments in controlled-environment agriculture have enhanced fruit and vegetable cultivation in stand-alone greenhouses. Hydroponic and aeroponic systems improve water and nutrient efficiency, increasing crop yields while reducing waste. In June 2023, Growee, an Israeli hydroponic company, expanded its operations in Florida, United States, implementing data analytics and IoT systems for plant growth monitoring. These innovations have increased the appeal of free-standing greenhouse farming to large-scale commercial growers.

The increasing demand for pesticide-free and contamination-free produce further drives this market segment. Stand-alone commercial greenhouses provide a controlled and protected environment, reducing pest infestations and plant diseases. This reduces chemical pesticide and fertilizer requirements, making greenhouse-grown fruits and vegetables safer for consumption. Hence, the fruits and vegetables segment in free-standing commercial greenhouses continues to grow, supported by technological innovations, consumer preferences, and government support.

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Market Trends Section

Europe is the Fastest Growing MarketEurope is the fastest growing market for the free-standing commercial greenhouse market growth due to its advanced agricultural infrastructure, government support, and sustained demand for year-round fresh produce. The region's established greenhouse farming expertise, particularly in the Netherlands, Spain, and France, continues to evolve. As climate change impacts traditional farming methods and arable land decreases, European farmers are adopting stand-alone commercial greenhouses to maintain consistent yields. According to FAOSTATS, the vegetable production area in the Netherlands decreased to 85.8 thousand hectares in 2023 from 87.0 thousand hectares in 2022.

The region's unpredictable weather conditions, including harsh winters, excessive rainfall, and rising temperatures, have complicated open-field farming. This has increased import dependency and values. According to the ITC Trade Map, the United Kingdom's strawberry import value reached 286.2 USD million in 2023, increasing by 24.3 USD million from 261.9 USD million in 2022. Stand-alone commercial greenhouses enable growers to maintain optimal growing conditions regardless of external weather, ensuring continuous production of vegetables, fruits, and ornamental plants.

Europe's focus on sustainable farming and environmental protection strengthens the greenhouse market. European Union regulations on pesticide use, water conservation, and carbon emissions have increased free-standing commercial greenhouse farming adoption. Furthermore, Europe's agricultural technology and research capabilities enhance its greenhouse farming position. The Netherlands, Spain, and other countries prioritize fresh, organic, and sustainable produce production. Retail partnerships with greenhouse farms ensure consistent high-quality produce supply, contributing to export growth. The Netherlands exported 594,102 metric tons of cut flowers in 2023, up from 591,910 metric tons in 2022, controlling 44% of global floral trade volume.

Industry Overview Section Component 6

Competitive LandscapeThe free-standing commercial greenhouse market is fragmented, with major revenue-generating companies such as Westbrook Systems, Harnois Industries, BC Greenhouse Builders Ltd, Your Greenhouses Inc., and Westland Greenhouse Solutions, among others, cornering some part of the market share. Players are trying to take new initiatives to gain a competitive advantage over business rivals. Additionally, many startups, as well as local companies, are slowly expanding their businesses, hence dispersing the market share.

Segmentation Toc Component 10

Global Free Standing Commercial Greenhouse Market Report ScopeA freestanding greenhouse is an independent structure built on its own foundation, separate from other buildings. These greenhouses provide a controlled environment for plant cultivation without requiring attachment to existing structures. Free standing commercial greenhouse market is segmented by Type (Quonset (Hoop), A-frame, Gothic, and Gable Roof Shape), Crop Type (Horticulture Crop and Other Crop Types), and Geography (North America, Europe, Asia-Pacific, South America, and Africa). The report offers market size and forecasts regarding value (USD) for the above-mentioned segments.

TypeQuonset (Hoop) |
A-frame |
Gothic |
Gable Roof Shape |

Segmentation Accordion Item

GeographyNorth America | United States |
| Canada |
| Mexico |
Europe | Germany |
| Netherlands |
| France |
| Spain |
| Italy |
| United Kingdom |
| Rest of Europe |
Asia-Pacific | China |
| India |
| Australia |
| Japan |
| Rest of Asia Pacific |
South America | Brazil |
| Argentina |
| Rest of South America |
Africa | South Africa |
| Rest of Africa |

Frequently Asked Questions

How big is the Free Standing Commercial Greenhouse Market?

The Free Standing Commercial Greenhouse Market size is expected to reach USD 17.89 billion in 2025 and grow at a CAGR of 6.72% to reach USD 24.76 billion by 2030.

What is the current Free Standing Commercial Greenhouse Market size?

In 2025, the Free Standing Commercial Greenhouse Market size is expected to reach USD 17.89 billion.

Who are the key players in Free Standing Commercial Greenhouse Market?

Westbrook Systems, Harnois Industries, BC Greenhouse Builders Ltd, Westland Greenhouse Solutions and Your Greenhouses Inc. are the major companies operating in the Free Standing Commercial Greenhouse Market.

Which is the fastest growing region in Free Standing Commercial Greenhouse Market?

Europe is estimated to grow at the highest CAGR over the forecast period (2025-2030).

Which region has the biggest share in Free Standing Commercial Greenhouse Market?

In 2025, the North America accounts for the largest market share in Free Standing Commercial Greenhouse Market.

What years does this Free Standing Commercial Greenhouse Market cover, and what was the market size in 2024?

In 2024, the Free Standing Commercial Greenhouse Market size was estimated at USD 16.69 billion. The report covers the Free Standing Commercial Greenhouse Market historical market size for years: 2019, 2020, 2021, 2022, 2023 and 2024. The report also forecasts the Free Standing Commercial Greenhouse Market size for years: 2025, 2026, 2027, 2028, 2029 and 2030.