

Saudi Arabia Prefabricated Buildings - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 150 pages | Mordor Intelligence

AVAILABLE LICENSES:

- Single User License \$4750.00
- Team License (1-7 Users) \$5250.00
- Site License \$6500.00
- Corporate License \$8750.00

Report description:

The Saudi Arabia Prefabricated Buildings Market size is estimated at USD 3.63 billion in 2025, and is expected to reach USD 5.33 billion by 2030, at a CAGR of 8% during the forecast period (2025-2030).

The rise in the overall construction industry and increasing prices contribute to the turnover of the prefabricated buildings market in Saudi Arabia.

The market is driven by the demand for low to mid-rise residential buildings, project homes, and public housing. Additionally, the high demand for turnkey or prefabricated houses and energy-efficient buildings contributes to market growth.

The residential construction industry in Saudi Arabia is facing a shortage of affordable housing due to a growing population and an influx of migrants. It has increased the demand for prefabricated homes, as they are cost-effective and time-efficient. Moreover, energy efficiency, design flexibility, and faster completion are other advantages of prefabricated buildings, anticipated to drive market growth.

The pandemic caused considerable economic damage. The nationwide lockdown halted construction and impacted the labor-intensive sector. As a result, construction projects in various segments, such as educational, residential, and airports, decreased, significantly impacting the demand for prefabricated buildings in Saudi Arabia. It also affected the market due to slow raw material production, supply chain disruption, inhibited trade movements, declining construction demand, and reduced demand for new projects.

However, the demand for modular buildings increased due to the increased cases during the pandemic and the requirement for

Scotts International. EU Vat number: PL 6772247784

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

www.scottss-international.com

healthcare and quarantine buildings/units. Since a high workforce was required for traditional construction, opting for prefabricated buildings became an optimum solution during the pandemic.

The Saudi Arabian government's focus on infrastructure development and initiatives such as Vision 2030, which aims to diversify the economy and promote sustainability, are fueling the adoption of prefabricated construction methods. These methods align with the goals of minimizing waste, conserving resources, and reducing carbon emissions.

Saudi Arabia Prefabricated Buildings Market Trends

Increase in Population is Driving the Market

- Saudi Arabia, the second-largest Arab state, is a nation in development. As a result of economic stability, gross domestic product (GDP) grew by about USD 520 billion. This can be attributed to Saudi Arabia's positive trade balance and the fact that Saudi Arabia exported about 2.5 times more goods than it imported. In a developing country, there is a tendency for the population to move to urban cities where the employment rates are higher. The degree of urbanization in Saudi Arabia increased in 2022. Some of the biggest cities in Saudi Arabia witnessed urbanization changes first-hand.
- The prefabricated building market in Saudi Arabia is witnessing innovations in design, materials, and technology, leading to higher-quality and customizable building solutions. This trend is particularly evident in the construction of residential buildings, where developers offer prefabricated housing units with modern amenities and architectural designs.
- The capital of Saudi Arabia and the biggest city, Ar-Riyad, is home to about 7.1 million inhabitants. The high number of illegal immigrants in Saudi Arabia is also included in the total population. With a rapidly growing total population, the demand for affordable residential homes is increasing in the country, driving the prefabricated building market. In 2022, Saudi Arabia's total population amounted to 34.79 million inhabitants.

The Demand for Affordable Prefabricated Homes is Increasing in Saudi Arabia

In Saudi Arabia, modular building is gaining pace. As a result of the country's rising population, the residential construction industry in Saudi Arabia is experiencing a lack of affordable housing.

This boosts demand for prefabricated homes, which are both cost- and time-effective and, hence, align with the country's Vision 2030. The Saudi government is adopting futuristic methods and concepts to expand existing cities, such as Riyadh, or to create new cities, such as the Red Sea or NEOM.

The Red Sea Project's development improves prefabricated and modular construction methods, reducing delivery time, improving quality, and reducing construction's negative environmental impact. In addition, the adoption of innovative techniques like 3D printing for construction under the Red Sea Project is creating space for more rapid on-site construction as well as considerably reducing overall time-frames and schedules.

Modular construction has emerged as a feasible solution as projects hurry to completion amid unprecedented challenges. It provides a safer building environment while reducing staffing requirements by 30%, making it a suitable solution for post-pandemic situations. When compared to traditional construction, manufacturing construction can cut material waste by 30% and improve worker safety by up to 70%.

Many modular construction companies are investing in the country. For instance, in January 2022, Saudi Arabia-based modular construction company Red Sea International (RSI) signed a SAR 61 million (USD 16 million) contract with the Red Sea

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Development Company (TRSDC) to design, manufacture, supply, and install modular buildings to support its construction activities. In addition, in 2023, the Red Sea International Company entered into a SAR 29 million (USD 7.76 million) contract with The Fundamental Installation for Electric Work Company, also known as 'First Fix.' The agreement involves designing, manufacturing, supplying, and installing prefabricated buildings for a residential project in NEOM.

RSI aims to install three modular building complexes in the Western region to support the construction activities of luxury hotels on the three islands in the Red Sea. These units are likely to be fully furnished to meet all the requirements of the crew working on the construction of these ambitious projects.

Saudi Arabia Prefabricated Buildings Industry Overview

The Saudi Arabian prefabricated building market is moderately consolidated, with the major players holding a significant share. There is competition in the market due to various American and Chinese building systems. The systems offer fast construction of prefabricated buildings at a lower cost than traditional building systems. Major players have expanded facilities via strategic expansions, such as factory buildings for modular construction. They aim to facilitate a faster, more efficient, and cost-effective way of building. Some of the major players in the market for prefabricated buildings include Saudi Building Systems Mfg. Co., Red Sea Housing Services, Kirby Building Systems, Zamil Industrial Investment Co., and United Company for Caravans and Prefab Houses.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

Table of Contents:

1 INTRODUCTION

- 1.1 Study Assumptions
- 1.2 Market Definition
- 1.3 Scope of the Study

2 EXECUTIVE SUMMARY

3 RESEARCH METHODOLOGY

4 MARKET INSIGHTS

- 4.1 Current Market Scenario
- 4.2 Technological Trends
- 4.3 Insights into Supply Chain/Value Chain Analysis
- 4.4 Brief on Different Structures Used in the Prefabricated Buildings Industry
- 4.5 Cost Structure Analysis of the Prefabricated Buildings Industry
- 4.6 Impact of COVID-19 on the Market

5 MARKET DYNAMICS

- 5.1 Drivers
 - 5.1.1 Government Initiatives and Affordable Housing
 - 5.1.2 Modular Construction Growth
- 5.2 Restraints

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 5.2.1 Uneven Topography
- 5.2.2 Transportation Challenges
- 5.3 Opportunities
 - 5.3.1 Investments in the Manufacturing of Prefabricated Buildings
 - 5.3.2 Saudi Arabia's Vision 2030
- 5.4 Industry Attractiveness - Porter's Five Forces Analysis
 - 5.4.1 Bargaining Power of Suppliers
 - 5.4.2 Bargaining Power of Consumers/Buyers
 - 5.4.3 Threat of New Entrants
 - 5.4.4 Threat of Substitute Products
 - 5.4.5 Intensity of Competitive Rivalry

6 MARKET SEGMENTATION

- 6.1 By Material Type
 - 6.1.1 Concrete
 - 6.1.2 Glass
 - 6.1.3 Metal
 - 6.1.4 Timber
 - 6.1.5 Other Material Types
- 6.2 By Application
 - 6.2.1 Residential
 - 6.2.2 Commercial
 - 6.2.3 Other Applications (Industrial, Institutional, and Infrastructure)

7 COMPETITIVE LANDSCAPE

- 7.1 Overview
- 7.2 Company Profiles
 - 7.2.1 Saudi Building Systems Mfg Co.
 - 7.2.2 Red Sea Housing Services
 - 7.2.3 Kirby Building Systems
 - 7.2.4 Zamil Industrial investment Co.
 - 7.2.5 United Company for Caravans and Prefab Houses
 - 7.2.6 Al-Shahin Metal Industries
 - 7.2.7 Al Jazera Factory For Engineering Construction Co. Ltd
 - 7.2.8 Saudi Company for Prefabricated Buildings LLC
 - 7.2.9 Alabniah
 - 7.2.10 Eastern Precast Concrete*

8 INVESTMENT ANALYSIS

9 FUTURE TRENDS

10 APPENDIX

- 10.1 Macroeconomic Indicators (GDP Breakdown by Sector, Contribution of Construction to the economy, etc.)
- 10.2 Key Production, Consumption, Exports, and Import Statistics of Construction Materials

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Saudi Arabia Prefabricated Buildings - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

Market Report | 2025-04-28 | 150 pages | Mordor Intelligence

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 License	\$4750.00
	Team License (1-7 Users)	\$5250.00
	Site License	\$6500.00
	Corporate License	\$8750.00
		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="2026-03-03"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

