

Modular Refineries Market By Type (Crude Oil Distillation Unit, Topping Unit, Hydroskimming Refinery, Full Conversion Refinery, Bitumen Refinery, Carbon Black Refinery), By Capacity (200 - 10000 BPD, 10001 - 20000 BPD, 20001 - 30000 BPD), By End Use (Government Refinery, Private Refinery): Global Opportunity Analysis and Industry Forecast, 2023-2032

Market Report | 2023-04-01 | 250 pages | Allied Market Research

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Report description:

The global modular refineries market was valued at \$2.2 billion in 2022, and is projected to reach \$3.6 billion by 2032, growing at a CAGR of 5.7% from 2023 to 2032.

A modular refinery is a kind of prefabricated crude oil processing plant which is designed for the distillation of crude oil into naphtha, kerosene, diesel, residual fuel oil and off gas. Modular refinery is a simplified refinery plant which requires significantly less capital investment than traditional full-scale refineries. Modular refineries are crude oil processing facilities with capacities of up to 30,000 barrels per day. The fabricated modular refinery will help to refine crude oil on low scale to meet this domestic petroleum energy demand in the country.

One of the major factors contributing toward the modular refineries market growth is the change in the demand for fuel products in the market. Modular refineries can improve production performance and operating costs of refinery which increases the demand for modular refineries during the forecast period. Moreover, both the developing and developed countries are adopting innovative technology for the production of fuel products from crude oil which contribute to the rapid growth of the modular refineries market. Major oil generation companies create opportunities for the modular refineries industry by investing majorly in resources in oil excavation projects.

Several traditional oil refineries are operating inefficiently in the midstream sector due to which the oil refinery companies are not able to supply the appropriate quantity of petroleum products in the market. Modular refineries are a quick fix solution to fulfil the shortage of oil products and increase the production in the refinery. Moreover, there has been corresponding interest by several

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private sectors to invest in construction and operations of modular refineries so as to take advantage of the opportunities presented in import of petroleum products. Oil companies are showing the interest in the adoption of modern oil refining equipment which boosts the global modular refineries market trend in near future.

Modular refinery has been identified as a viable alternative to the current systems of refining oil market. Furthermore, modular refineries can be joined with the traditional refinery plant at site to increase the production of petroleum products effectively. Increase in utilization of combined refineries in different regions is projected to create opportunities for the global modular refineries market.

For the purpose of analysis, the modular refineries market is segmented on the basis of type, capacity, end use, and region. On the basis of type, the market is categorized into crude oil distillation unit, topping unit, hydroskimming refinery, full conversion refinery, bitumen refinery and carbon black refinery. On the basis of capacity, the market is divided into 200 - 10000 BPD, 10001 - 20000 BPD and 20001 - 30000 BPD. On the basis of end use, the market is categorized into government refinery and private refinery. Region-wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Major players operating in the global modular refineries industry include Honeywell International Inc., Pyramid E&C, Peiyang Chemical Equipment Co., Ltd., Axens, Propak Systems Ltd., Brahms Oil Refineries Ltd., VFuels, LLC, Refinery Equipment of Texas, LLC , AIPCC Energy Ltd. and Plant Process Group, LLC.

Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the modular refineries market analysis from 2022 to 2032 to identify the prevailing modular refineries market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the modular refineries market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global modular refineries market trends, key players, market segments, application areas, and market growth strategies.

Key Market Segments

By Type

- Crude Oil Distillation Unit
- Topping Unit
- Hydroskimming Refinery
- Full Conversion Refinery
- Bitumen Refinery
- Carbon Black Refinery

By Capacity

- 200 - 10000 BPD
- 10001 - 20000 BPD
- 20001 - 30000 BPD

By End Use

- Government Refinery
- Private Refinery

By Region

- North America
- U.S.
- Canada
- Mexico

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- Europe
- Russia
- Germany
- Italy
- UK
- France
- Rest of Europe
- Asia-Pacific
- China
- India
- Japan
- South Korea
- Rest of Asia-Pacific
- LAMEA
- Saudi Arabia
- Nigeria
- Brazil
- UAE
- Rest of LAMEA
- Key Market Players
- AIPCC Energy Ltd.
- Axens
- Brahms Oil Refineries Ltd.
- Honeywell International Inc.
- Peiyang Chemical Equipment Co., Ltd.
- Plant Process Group, LLC.
- Propak Systems Ltd.
- Pyramid E&C
- Refinery Equipment of Texas, LLC
- VFuels, LLC

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