

Global Offshore Wind Turbine Tower & Substructure Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G96661B8FCD5EN.html>

Date: April 2026

Pages: 117

Price: US\$ 4,480.00 (Single User License)

ID: G96661B8FCD5EN

Abstracts

The global Offshore Wind Turbine Tower & Substructure market size is expected to reach \$ 4269 million by 2032, rising at a market growth of 11.5% CAGR during the forecast period (2026-2032).

In 2025, global Offshore Wind Tower and Foundation reached approximately 969,522 tons, with an average global market price of around US\$ 2163 per ton. Gross margin is about 43%. The cost is 1233 usd. Production Capacity is about 600,000 tons. Offshore Wind Tower and Foundation are critical components of offshore wind farms that support the wind turbines above the sea and ensure their stability and efficiency in harnessing wind energy. These structures are designed to withstand harsh marine environments, including saltwater corrosion, high winds, and ocean currents, while providing a secure platform for the wind turbine to generate electricity. Offshore wind tower and foundation upstream includes steel plates, flanges, welding and coating materials, while downstream consists of offshore wind farm developers, EPC contractors, and installation companies responsible for turbine deployment and project execution.

This report studies the global Offshore Wind Turbine Tower & Substructure production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Offshore Wind Turbine Tower & Substructure and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Offshore Wind Turbine Tower & Substructure that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Offshore Wind Turbine Tower & Substructure total production and demand, 2021-2032, (Tons)

Global Offshore Wind Turbine Tower & Substructure total production value, 2021-2032, (USD Million)

Global Offshore Wind Turbine Tower & Substructure production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Tons), (based on production site)

Global Offshore Wind Turbine Tower & Substructure consumption by region & country, CAGR, 2021-2032 & (Tons)

U.S. VS China: Offshore Wind Turbine Tower & Substructure domestic production, consumption, key domestic manufacturers and share

Global Offshore Wind Turbine Tower & Substructure production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Tons)

Global Offshore Wind Turbine Tower & Substructure production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

Global Offshore Wind Turbine Tower & Substructure production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Tons)

This report profiles key players in the global Offshore Wind Turbine Tower & Substructure market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SeAH Steel Holdings, Sif-group, EEW Group, Dajin Heavy Industry, Tianneng Heavy Industries, Haili Wind Power Equipment, Rainbow Heavy Industries, Titan Wind Energy, Taisheng Wind Power, Bladt Industries (CS Wind), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Offshore Wind Turbine Tower & Substructure market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Tons) and average price (US\$/Ton) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Offshore Wind Turbine Tower & Substructure Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Offshore Wind Turbine Tower & Substructure Market, Segmentation by Type:

Large Type

Small & Medium Type

Global Offshore Wind Turbine Tower & Substructure Market, Segmentation by Structure:

Cylindrical Tube Type

Truss Type

Other

Global Offshore Wind Turbine Tower & Substructure Market, Segmentation by Application:

Offshore

Onshore

Companies Profiled:

SeAH Steel Holdings

Sif-group

EEW Group

Dajin Heavy Industry

Tianneng Heavy Industries

Haili Wind Power Equipment

Rainbow Heavy Industries

Titan Wind Energy

Taisheng Wind Power

Bladt Industries (CS Wind)

Haizea

Navantia Seanergies

Steelwind (Dillinger)

US Wind (Renexia SpA)

Dongkuk Steel

Key Questions Answered:

1. How big is the global Offshore Wind Turbine Tower & Substructure market?
2. What is the demand of the global Offshore Wind Turbine Tower & Substructure market?
3. What is the year over year growth of the global Offshore Wind Turbine Tower & Substructure market?
4. What is the production and production value of the global Offshore Wind Turbine Tower & Substructure market?
5. Who are the key producers in the global Offshore Wind Turbine Tower & Substructure market?
6. What are the growth factors driving the market demand?

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