

# Global Monopile, Tower and Jacket for Offshore Wind Market 2025 by Company, Regions, Type and Application, Forecast to 2031

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## Abstracts

According to our latest research, the global Monopile, Tower and Jacket for Offshore Wind market size will reach USD million in 2031, growing at a CAGR of %over the analysis period.

In offshore wind projects, the foundation of a wind turbine is crucial for ensuring stable and reliable operation in marine environments. Common offshore wind foundations include monopile, tower, and jacket structures. Monopile foundations are typically used in shallow water areas by driving a single steel pile directly into the seabed to form the structural base. This type of foundation has a mature construction process and offers strong overturning and tensile resistance. The tower is the supporting structure of the wind turbine, extending from the sea surface to the turbine nacelle. It is usually made of steel and must be sufficiently tall and strong to withstand significant forces from wind and waves. Jacket foundations are highly stable and have excellent seismic resistance, making them suitable for deeper waters. They are highly effective at withstanding the impact of wind, waves, and currents on the turbine.

Growing development of offshore wind power is the key driver of the market. 2023 is a year in which global offshore wind power will maintain sustained growth. According to statistics from the Global Wind Energy Council (GWEC), the global offshore wind power capacity reach 10.8GW in 2023, a year-on-year increase of 24%, the second highest annual installed capacity of offshore wind power in history. From 2019 to 2023, the annual compound growth rate of global offshore wind power reached 14.8%, showing an overall upward growth momentum. By the end of 2023, the global cumulative installed capacity of offshore wind power reach 75.2GW, a year-on-year increase of about 17.2%, accounting for about 7.3% of the global cumulative installed capacity of

wind power, an increase of nearly three percentage points from 4.4% in 2019.

This report is a detailed and comprehensive analysis for global Monopile, Tower and Jacket for Offshore Wind market. Both quantitative and qualitative analyses are presented by company, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

### **Key Features:**

Global Monopile, Tower and Jacket for Offshore Wind market size and forecasts, in consumption value (\$ Million), 2020-2031

Global Monopile, Tower and Jacket for Offshore Wind market size and forecasts by region and country, in consumption value (\$ Million), 2020-2031

Global Monopile, Tower and Jacket for Offshore Wind market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2020-2031

Global Monopile, Tower and Jacket for Offshore Wind market shares of main players, in revenue (\$ Million), 2020-2025

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Monopile, Tower and Jacket for Offshore Wind

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Monopile, Tower and Jacket for Offshore Wind market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key

companies covered as a part of this study include Jiangsu Haili, Shanghai TSP, Dajin Heavy Industry, Titan Wind Energy, Century Wind Power (Century Iron & Steel Industrial), CIMC Raffles, China Railway Science and Industry, NanTong Taisheng Blue Island Offshore, WindWaves (Amper Group), CS WIND Offshore, etc.

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

### Market segmentation

Monopile, Tower and Jacket for Offshore Wind market is split by Type and by Application. For the period 2020-2031, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Monopile

Tower

Jacket

### Market segment by Application

Water Depth:

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