

Global Mooring Systems Market Size Study & Forecast, by Application (FPSO, TLP, SPAR, Semi-submersible), Anchorage (DEA, VLA, Suction), and Regional Forecasts 2025–2035

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Abstracts

The Global Mooring Systems Market is valued at approximately USD 2.19 billion in 2024 and is expected to expand at a steady compound annual growth rate (CAGR) of 3.70% during the forecast period from 2025 to 2035. Mooring systems, critical to offshore oil & gas and renewable energy operations, serve as the foundational anchoring mechanisms for floating structures such as FPSOs, TLPs, SPARs, and semi-submersibles. As exploration and production activities increasingly target deepwater and ultra-deepwater reserves, the demand for robust and reliable mooring solutions continues to accelerate. The steady growth trajectory is also being driven by technological innovations that enhance mooring strength, flexibility, and adaptability in harsher marine environments.

The evolving landscape of offshore energy infrastructure is demanding more from mooring systems, prompting manufacturers to adopt advanced anchorage mechanisms like drag embedment anchors (DEA), vertical load anchors (VLA), and suction anchors. The shift toward more complex and deeper installations, particularly in FLNG and offshore wind projects, has underscored the need for durable mooring types such as Spread, SPM, DP, and Tendon systems. Moreover, with heightened emphasis on system automation, digital monitoring, and predictive maintenance, mooring solutions are transforming from static infrastructure into intelligent offshore assets that optimize vessel positioning and reduce downtime. Industry players are also exploring hybrid mooring designs to bridge the gap between conventional oilfield requirements and the burgeoning renewable sector.

From a regional standpoint, North America remains a dominant player in the global mooring systems market, largely owing to a resurgence in Gulf of Mexico offshore projects, strong investments in floating production systems, and integration of digital twin technologies for subsea asset management. Meanwhile, Asia Pacific is anticipated to be the fastest-growing region throughout the forecast period, propelled by surging energy demand, expanding offshore wind installations, and national initiatives toward LNG terminal development in China, India, and Southeast Asia. Europe, driven by its aggressive offshore wind capacity targets, is also seeing increased deployment of deepwater mooring systems, particularly in the North Sea and Baltic regions. Latin America and the Middle East are gradually enhancing their offshore capabilities, laying fertile ground for new investment corridors.

Major market player included in this report are:

Schlumberger Limited.

Baker Hughes Company

Halliburton Company

Weatherford International Plc

Chevron Phillips Chemical Company

Trican Well Service Ltd.

BASF SE

M&D Industries of Louisiana, Inc.

Impact Fluid Solutions

Aubin Group

General Electric Company

Tenaris S.A.

National Oilwell Varco

Croda International Plc.

Weir Group PLC

Global Mooring Systems Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025–2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players.

The detailed segments and sub-segments of the market are explained below:

By Application:

FPSO

TLP

SPAR

Semi-submersible

FLNG

By Anchorage:

DEA (Drag Embedment Anchor)

VLA (Vertical Load Anchor)

Suction

By Mooring Type:

Spread

SPM (Single Point Mooring)

DP (Dynamic Positioning)

Tendon

By Depth:

Shallow

Deep/Ultra-deep

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with country-level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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