

Global Offshore Crane Market Size Study & Forecast, by Type (Knuckle Boom Crane, Lattice Boom Crane, Telescope Boom Crane), by Capacity (Up to 1,000 MT, Above 3,000 MT) and Regional Forecasts 2025-2035

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Abstracts

The Global Offshore Crane Market is valued at approximately USD 2.18 billion in 2024 and is expected to expand at a steady CAGR of 4.10% during the forecast period of 2025-2035, ultimately reaching nearly USD 3.39 billion by 2035. Offshore cranes are highly specialized lifting systems engineered to operate under extreme marine conditions, enabling the safe handling of heavy loads on offshore platforms, vessels, and floating structures. These cranes play a mission-critical role in offshore oil & gas operations, subsea construction, and the fast-evolving offshore renewable energy ecosystem, where precision, reliability, and safety cannot be compromised.

Market expansion is being driven by rising offshore exploration activities, the redevelopment of mature oilfields, and the accelerating deployment of offshore wind farms across global waters. As operators seek to scale up installation efficiency while minimizing operational risks, demand is being ramped up for technologically advanced cranes with higher lifting capacities, remote monitoring capabilities, and enhanced corrosion resistance. At the same time, digital load control systems and automation are being phased in to optimize offshore logistics and reduce downtime. Nevertheless, high capital expenditure requirements and extended certification cycles may act as moderating forces during the forecast period of 2025-2035.

The detailed segments and sub-segments included in the report are:

By Type:

Knuckle Boom Crane

Lattice Boom Crane

Telescope Boom Crane

By Capacity:

Up to 1,000 MT

1,000 MT to 2,000 MT

2,000 MT to 3,000 MT

Above 3,000 MT

By Application:

Oil and Gas

Renewable Energy

Other

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

Knuckle boom cranes are expected to dominate the Global Offshore Crane Market over the forecast horizon, accounting for the largest share due to their compact design, flexible articulation, and superior operational control in confined offshore environments. These cranes are widely deployed on offshore platforms and service vessels where space optimization and load precision are paramount. Their ability to fold away when not in use and handle complex lifting paths makes them a preferred choice across both oil & gas installations and renewable energy support vessels.

From a revenue perspective, cranes with capacities up to 1,000 MT currently lead the market, as they strike a commercial balance between lifting capability and cost efficiency. These cranes are extensively used for routine offshore maintenance, module handling, and wind turbine servicing activities. While ultra-high-capacity cranes above 3,000 MT are gaining visibility for large-scale offshore wind and heavy-lift projects, their adoption remains comparatively limited due to high procurement costs and specialized deployment requirements. As a result, mid-range capacity cranes continue to anchor global revenue generation.

The key regions considered for the Global Offshore Crane Market include Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa. Europe holds a prominent position, driven by sustained investments in offshore wind energy and a mature offshore engineering ecosystem. North America follows closely, supported by offshore oil & gas activity in the Gulf of Mexico and increasing renewable installations along the eastern seaboard. Asia Pacific is projected to emerge as the fastest-growing region during the forecast period, fueled by expanding offshore energy projects in China, South Korea, and Japan. Meanwhile, the Middle East & Africa and Latin America are steadily gaining traction as offshore exploration and field development projects are phased up.

Major market players included in this report are:

Liebherr Group

Palfinger AG

Konecranes Plc

Terex Corporation

Cargotec Corporation

Manitowoc Company, Inc.

Huisman Equipment B.V.

MacGregor (Cargotec)

Tadano Ltd.

Zoomlion Heavy Industry Science & Technology Co., Ltd.

SANY Group

NOV Inc.

Heila Cranes S.p.A.

Bergen Group

XCMG Group

Global Offshore Crane 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 to 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 and countries in recent years and to forecast their evolution over the coming decade. The report is structured to blend quantitative metrics with qualitative insights, capturing technology trends, investment patterns, and regulatory influences shaping offshore lifting operations. It further identifies high-growth micro-markets for stakeholders while delivering an in-depth assessment of the competitive landscape and product strategies adopted by leading manufacturers.

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 the 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 the competitive structure of the market.

Demand side and supply side analysis of the market.

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