

# Oil Drilling Automation Market projected to achieve a CAGR of 8.67% to reach US\$4.895 billion by 2030

*The oil drilling automation market is anticipated to grow at a CAGR of 8.67% from US\$3.206 billion in 2025 to US\$4.895 billion by 2030.*

NEW YORK, NY, UNITED STATES, February 24, 2025 /EINPresswire.com/ -- According to a new study published by Knowledge Sourcing Intelligence, the [oil drilling automation market](#) is projected to grow at a CAGR of 8.67% between 2025 and 2030 to reach US\$4.895 billion by 2030.

Oil drilling automation refers to the automation of operational sub-processes as well as downhole activities that are necessary for the drilling of oil. In other words, it refers to integrating surface and downhole measurements with the help of modernized machinery and systems and predictive models to improve operational efficiency cost-effectively.

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*Knowledge Sourcing  
Intelligence*

The increasing focus on the development of new oil fields with reduced risks and enhanced safety and efficiency is a major factor that is playing a significant role in shaping the market growth throughout the next five years. Additionally, the upgradation of the existing infrastructure in the oil fields and the growing penetration of [automation processes](#) across several industry verticals are bolstering the oil drilling automation market growth throughout the forecast period.



The image shows the cover of a report titled "OIL DRILLING AUTOMATION MARKET FORECASTS FROM 2025 TO 2030". The cover features a large photograph of an offshore oil rig at sea. Text on the cover includes the title, contact information for Knowledge Sourcing Intelligence (info@knowledge-sourcing.com, www.knowledge-sourcing.com, +1-850-250-1698), and the company logo.

Access sample report or view details: <https://www.knowledge-sourcing.com/report/oil-drilling-automation-market>

Based on application, the oil drilling automation market is divided into [offshore](#) and onshore. Offshore drilling is a more delicate and expensive process in bodies of water. The process, therefore, requires automation for the improvement of safety and efficiency. Onshore drilling, on the other hand, is conducted on land, making it easier with minimal cost.

By offering, the oil drilling automation market is segmented into hardware and software. Hardware includes the physical equipment, including sensors, actuators, robotics, and communication systems, involved in automated drilling. Software comprises the programs and algorithms that run on this hardware, including control systems, data analytics tools, and modeling/simulation software. Both hardware and software are essential parts of integrated oil drilling automation systems and work together to enhance efficiency, safety, and productivity.

Geographically, the Asia-Pacific region is also expected to witness promising growth during the forecast period. The presence of the world's fastest-growing economies, such as India and China, among others, coupled with the increasing expenditure in the oil exploration sectors in these countries, further supports the oil drilling market growth in the APAC region throughout the forecast period.

As a part of the report, the major players operating in the oil drilling automation market that have been covered are Huisman Equipment B.V., Sekal AS, HMH, NOV Inc., Rigarm Inc., and Automated Rig Technologies Ltd. among others.

The market analytics report segments the oil drilling automation market on the following basis:

- By Application

- o Offshore
- o Onshore

- By Offering

- o Hardware
- o Software

- By Geography

- Americas

- o USA
- o Canada
- o Others

- Europe, the Middle East, and Africa

- o Russia
- o Saudi Arabia
- o Norway
- o Others

- Asia Pacific

- o China
- o Others

- Companies Profiled

- o Huisman Equipment B.V.
- o Sekal AS
- o HMM
- o NOV Inc.
- o Rigarm Inc.
- o Automated Rig Technologies Ltd.
- o Nabors Industries Ltd.
- o ABB
- o Emerson Electric Co.
- o Honeywell International Inc.

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- **Insightful Analysis:** Gain detailed market insights covering major as well as emerging geographical regions, focusing on customer segments, government policies and socio-economic factors, consumer preferences, industry verticals, other sub-segments.
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- **Market Drivers & Future Trends:** Explore the dynamic factors and pivotal market trends and how they will shape future market developments.
- **Actionable Recommendations:** Utilize the insights to exercise strategic decision to uncover new business streams and revenues in a dynamic environment.
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### Report Coverage:

- Historical data from 2022 to 2024 & forecast data from 2025 to 2030
- Growth Opportunities, Challenges, Supply Chain Outlook, Regulatory Framework, Customer Behaviour, and Trend Analysis
- Competitive Positioning, Strategies, and Market Share Analysis
- Revenue Growth and Forecast Assessment of segments and regions including countries
- Company Profiling (Strategies, Products, Financial Information, and Key Developments among others)

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Knowledge Sourcing Intelligence (KSI) is a market research and intelligence provider that uses a combination of quantitative and qualitative research techniques to deliver comprehensive, in-depth insights to clients. Our approach to market research is centered around the concept of 'Knowledge Sourcing' - the process of gathering data and insights from multiple sources to create a comprehensive and well-rounded picture of the market. KSI's core services include market intelligence, competitive intelligence, customer intelligence, and product intelligence. KSI's approach to market research is designed to help clients make informed decisions, identify opportunities, and gain a better understanding of their target markets. By using a combination of primary and secondary research techniques, we provide clients with detailed insights into current market trends, customer profiles, competitor analysis, and product performance. KSI's market research and intelligence services enable clients to make informed decisions, develop strategic plans, and identify areas of opportunity.

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