

Oil and Gas Drilling Automation Market - 2022-2030

<https://marketpublishers.com/r/OAC69972445BEN.html>

Date: December 2025

Pages: 218

Price: US\$ 2,999.00 (Single User License)

ID: OAC69972445BEN

Abstracts

The Oil and Gas Drilling Automation Market was valued at US\$ 1.9 billion in 2022 and is anticipated to reach US\$ 5.1 billion by 2030, at a CAGR of 0.102 from 2026 to 2032.

The report delivers in-depth insights into key market dynamics, including regional growth trends, market segmentation, CAGR projections, and the revenue performance of leading industry players. It also highlights major growth drivers shaping the market landscape. Designed to provide a clear and comprehensive perspective, the report offers a detailed view of the current market size in terms of both value and volume, along with emerging opportunities and the overall development outlook of the Oil and Gas Drilling Automation Market.

This report delivers a comprehensive overview of the Oil and Gas Drilling Automation Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Oil and Gas Drilling Automation Market. The Oil and Gas Drilling Automation Market size, estimates, and forecasts are provided in terms of output/shipments (K MT) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2022–2030.

Oil and Gas Drilling Automation Market Scope:

By Type

Automated Drilling

Automated Underwater Vehicle

By Application

Onshore

Offshore

By End-User

Oil Industry

Natural Gas Industry

Others

Key Players

National Oilwell Varco Inc. (NOV)

Schlumberger Limited

Halliburton Co.

Baker Hughes Co.

Weatherford International

Nabors Industries Ltd.

Precision Drilling Corporation

Patterson-UTI Energy, Inc.

China National Petroleum Corporation (CNPC)

Saipem S.p.A.

Major Highlights

This report delivers a comprehensive overview of the Oil and Gas Drilling Automation Market, with both quantitative and qualitative analyses, to help readers develop growth strategies, assess the competitive landscape, evaluate their position in the current market, and make informed business decisions regarding Oil and Gas Drilling Automation Market. The Oil and Gas Drilling Automation Market size, estimates, and forecasts are provided in terms of output/shipments (K Sqm) and revenue (US\$ millions), with 2025 as the base year and historical and forecast data for 2022–2030.

This report will assist keyword manufacturers, new entrants, and companies across the industry value chain with information on revenues, production, and average prices for the overall market and its sub-segments, by company, by Type, by Application, and by region.

Regional Analysis:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

Partner Identification

Increase Your Customer Base by 3X using our Partner Identification tool

Uncover strategic collaboration opportunities with DataM vetted partners aligned to your ecosystem.

Identify high potential M&A targets based on synergies, market positioning and

growth trajectory.

Prioritize partners by strategic fit rather than general capability.

Why Choose DataM?

Data-Driven Insights: Dive into detailed analyses with granular insights such as pricing, market shares and value chain evaluations, enriched by interviews with industry leaders and disruptors.

Post-Purchase Support and Expert Analyst Consultations: As a valued client, gain direct access to our expert analysts for personalized advice and strategic guidance, tailored to your specific needs and challenges.

White Papers and Case Studies: Benefit quarterly from our in-depth studies related to your purchased titles, tailored to refine your operational and marketing strategies for maximum impact.

Annual Updates on Purchased Reports: As an existing customer, enjoy the privilege of annual updates to your reports, ensuring you stay abreast of the latest market insights and technological advancements. Terms and conditions apply.

Specialized Focus on Emerging Markets: DataM differentiates itself by delivering in-depth, specialized insights specifically for emerging markets, rather than offering generalized geographic overviews. This approach equips our clients with a nuanced understanding and actionable intelligence that are essential for navigating and succeeding in high-growth regions.

Value of DataM Reports: Our reports offer specialized insights tailored to the latest trends and specific business inquiries. This personalized approach provides a deeper, strategic perspective, ensuring you receive the precise information necessary to make informed decisions. These insights complement and go beyond what is typically available in generic databases.

Target Audience 2026

Manufacturers/ Buyers

Industry Investors/Investment Bankers

Research Professionals

Emerging Companies

Contents

1. METHODOLOGY AND SCOPE

- 1.1. Research Methodology
- 1.2. Research Objective and Scope of the Report

2. DEFINITION AND OVERVIEW

3. EXECUTIVE SUMMARY

- 3.1. Snippet by Type
- 3.2. Snippet by Application
- 3.3. Snippet by End-User
- 3.4. Snippet by Region

4. DYNAMICS

- 4.1. Impacting Factors
 - 4.1.1. Drivers
 - 4.1.1.1. Innovative Technologies and Advancements
 - 4.1.1.2. Global Oil and Gas Demand
 - 4.1.1.3. Driving Positive Environmental Change
 - 4.1.2. Restraints
 - 4.1.2.1. High Initial Investment Costs
 - 4.1.3. Opportunity
 - 4.1.4. Impact Analysis

5. INDUSTRY ANALYSIS

- 5.1. Porter's Five Force Analysis
- 5.2. Supply Chain Analysis
- 5.3. Pricing Analysis
- 5.4. Regulatory Analysis

6. COVID-19 ANALYSIS

- 6.1. Analysis of COVID-19
 - 6.1.1. Scenario Before COVID

- 6.1.2. Scenario During COVID
- 6.1.3. Scenario Post COVID
- 6.2. Pricing Dynamics Amid COVID-19
- 6.3. Demand-Supply Spectrum
- 6.4. Government Initiatives Related to the Market During Pandemic
- 6.5. Manufacturers Strategic Initiatives
- 6.6. Conclusion

7. BY TYPE

- 7.1. Introduction
 - 7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type
 - 7.1.2. Market Attractiveness Index, By Type
- 7.2. Automated Drilling*
 - 7.2.1. Introduction
 - 7.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 7.3. Automated Underwater Vehicle

8. BY APPLICATION

- 8.1. Introduction
 - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
 - 8.1.2. Market Attractiveness Index, By Application
- 8.2. Onshore*
 - 8.2.1. Introduction
 - 8.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 8.3. Offshore

9. BY END-USER

- 9.1. Introduction
 - 9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User
 - 9.1.2. Market Attractiveness Index, By End-User
- 9.2. Oil Industry*
 - 9.2.1. Introduction
 - 9.2.2. Market Size Analysis and Y-o-Y Growth Analysis (%)
- 9.3. Natural Gas Industry
- 9.4. Others

10. BY REGION

10.1. Introduction

10.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region

10.1.2. Market Attractiveness Index, By Region

10.2. North America

10.2.1. Introduction

10.2.2. Key Region-Specific Dynamics

10.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

10.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.2.6.1. U.S.

10.2.6.2. Canada

10.2.6.3. Mexico

10.3. Europe

10.3.1. Introduction

10.3.2. Key Region-Specific Dynamics

10.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

10.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.3.6.1. Germany

10.3.6.2. UK

10.3.6.3. France

10.3.6.4. Italy

10.3.6.5. Russia

10.3.6.6. Rest of Europe

10.4. South America

10.4.1. Introduction

10.4.2. Key Region-Specific Dynamics

10.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type

10.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application

10.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

10.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

10.4.6.1. Brazil

10.4.6.2. Argentina

10.4.6.3. Rest of South America

10.5. Asia-Pacific

- 10.5.1. Introduction
- 10.5.2. Key Region-Specific Dynamics
- 10.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type
- 10.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
- 10.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User
- 10.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 10.5.6.1. China
 - 10.5.6.2. India
 - 10.5.6.3. Japan
 - 10.5.6.4. Australia
 - 10.5.6.5. Rest of Asia-Pacific

10.6. Middle East and Africa

- 10.6.1. Introduction
- 10.6.2. Key Region-Specific Dynamics
- 10.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Type
- 10.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Application
- 10.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By End-User

11. COMPETITIVE LANDSCAPE

- 11.1. Competitive Scenario
- 11.2. Market Positioning/Share Analysis
- 11.3. Mergers and Acquisitions Analysis

12. COMPANY PROFILES

- 12.1. National Oilwell Varco Inc. (NOV)*
 - 12.1.1. Company Overview
 - 12.1.2. Product Portfolio and Description
 - 12.1.3. Financial Overview
 - 12.1.4. Key Developments
- 12.2. Schlumberger Limited
- 12.3. Halliburton Co.
- 12.4. Baker Hughes Co.
- 12.5. Weatherford International
- 12.6. Nabors Industries Ltd.
- 12.7. Precision Drilling Corporation
- 12.8. Patterson-UTI Energy, Inc.
- 12.9. China National Petroleum Corporation (CNPC)

12.10. Saipem S.p.A. (*LIST NOT EXHAUSTIVE)

13. APPENDIX

13.1. About Us and Services

13.2. Contact Us

I would like to order

Product name: Oil and Gas Drilling Automation Market - 2022-2030

Product link: <https://marketpublishers.com/r/OAC69972445BEN.html>

Price: US\$ 2,999.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/OAC69972445BEN.html>