

Managed Pressure Drilling Services Market to Reach US \$5.74 Billion by 2029

*The Business Research Company's
Managed Pressure Drilling Services
Global Market Report 2025 - Market Size,
Trends, And Global Forecast 2025-2034*

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What Is The Estimated Industry Size Of Managed Pressure Drilling Services Market?

[The market size for managed pressure drilling services](#) has seen substantial growth in the past

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few years. The market is projected to expand from \$4.16 billion in 2024 to \$4.38 billion in 2025, with a compound annual growth rate (CAGR) of 5.2%. Contributing factors to this growth during the historical period include the increased complexity of drilling operations, the growing depth and complexity of oil and gas wells, the need for higher safety and environmental compliance measures, and a surge in deepwater and ultra-deepwater drilling activities.

In the coming years, significant expansion is anticipated in [the market size of managed pressure drilling services](#). The

estimated growth is expected to reach \$5.74 billion by 2029, representing a compound annual growth rate (CAGR) of 7.0%. Factors projected to influence this growth across the forecasted phase include the development of unconventional oil and gas exploration, the implementation of automated and digitized managed pressure drilling solutions, an increased emphasis on cost-effective drilling operations, rising demand for real-time drilling analytics and data and the worldwide expansion of oil and gas exploration activities. Key trends foreseen in this period consist of the integration of managed pressure drilling with intelligent drilling systems, advancements in managed pressure drilling software, the emergence of collaborative managed pressure drilling services, the use of managed pressure drilling in geothermal wells, and focusing

on environmental sustainability during drilling activities.

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What Are The Major Factors Driving The Managed Pressure Drilling Services Global Market Growth?

The rise in energy consumption is slated to substantially drive [the expansion of the managed pressure drilling services market](#). Greater energy needs brought about by increased industrial operations and advancements across both emerging and established nations will lead to heightened extraction and drilling activities, consequently propelling the market forward. During February 2022, data from a report by the International Energy Agency (IEA), a France-based intergovernmental organization that compiles and shares reliable energy facts, projected that the global economic resurgence would fuel a nearly 5% increase in global electricity demand for 2021 and a 4% increase for 2022. Fossil fuel-based electricity generation is expected to cater to 45% and 40% of the additional demand for 2021 and 2022, respectively, while nuclear power will cater to the residual 20%. Hence, the surge in energy consumption plays a critical role in fuelling the growth of the managed pressure drilling services market in the future.

Who Are The Leading Companies In The Managed Pressure Drilling Services Market?

Major players in the Managed Pressure Drilling Services include:

- Schlumberger Limited
- Weatherford International plc
- Nabors Industries Ltd.
- Ensign Energy Services Inc.
- Halliburton Inc.
- Baker Hughes Company
- National Oilwell Varco Inc.
- Archer Limited
- Aker Solutions
- Strata Energy Services

What Are The Prominent Trends In The Managed Pressure Drilling Services Market?

The rise of technological innovations has become a significant trend in the managed pressure drilling services market. Major players in the drilling services sector are focusing on creating new tech solutions such as FlexJoint technology in drilling operations to consolidate their market status. For example, in May 2022, OIL STATES INDUSTRIES, an American firm specializing in integrated energy systems and solutions, unveiled its new Managed Pressure Drilling and Riser Gas Handling ('MPD' and 'RGH') System. This system incorporates managed pressure drilling and riser gas handling into the deepwater drilling riser to achieve better speed, economy, performance, and safety. It improves the bearing's lifespan with FlexJoint technology, reducing maintenance needs, and features that move workers away from the high-risk zones, thereby

enhancing safety significantly.

What Are The Primary Segments Covered In The Global Managed Pressure Drilling Services Market Report?

The managed pressure drilling services market covered in this report is segmented –

- 1) By Technology: Constant Bottom Hole Pressure (CBHP), Mud Cap Drilling (MCD), Dual Gradient Drilling (DGD), Return Flow Control Drilling (RFCD)
- 2) By Tool: Rotating Control Device (RCD), Non-Return Valves (NRV), Choke Manifold Systems
- 3) By Application: Onshore, Offshore

Subsegments:

- 1) By Constant Bottom Hole Pressure (CBHP): Pressure Control Equipment, Real-Time Monitoring Systems
- 2) By Mud Cap Drilling (MCD): Mud Circulation Systems, Cap Management Tools
- 3) By Dual Gradient Drilling (DGD): Dual Gradient Systems, Riser Systems And Equipment
- 4) By Return Flow Control Drilling (RFCD): Flow Control Devices, Fluid Management Solutions

View the full managed pressure drilling services market report:

<https://www.thebusinessresearchcompany.com/report/managed-pressure-drilling-services-global-market-report>

Which Region Is Forecasted To Grow The Fastest In The Managed Pressure Drilling Services Industry?

In 2024, North America led other regions in the market for managed pressure drilling services. The market report for managed pressure drilling services included regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

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