

## **Progressing Cavity Pump - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

Market Report | 2025-04-28 | 120 pages | Mordor Intelligence

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### **Report description:**

The Progressing Cavity Pump Market is expected to register a CAGR of 5.8% during the forecast period.

#### Key Highlights

- Progressive cavity pumps are being used more and more in oil and gas, water and wastewater management, chemicals, and petrochemicals, which is driving growth in the global cavity pump market.
- Progressive cavity pumps are expected to be used more as the number of smart cities around the world grows. This will give companies that make smart water management solutions a lot of business opportunities.
- Enhanced oil recovery, upstream operations, and technological breakthroughs like cutting-edge and 3D printing in pump design, repair, and replacement are also driving the market's growth.
- But factors like high development and maintenance costs, the availability of less expensive alternatives, and price competition are probably going to limit the market's growth.
- Due to the COVID-19 epidemic, there was less demand in the market from businesses in the end-user industries. Due to the tough times, these businesses saw a big drop in their income and earnings, which led to a big drop in staff and workers and a loss of industrial production activities overall.

#### Progressing Cavity Pump Market Trends

Waste and Wastewater is Expected to Hold Major Share

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- The water and wastewater segment of the PC pump market is expected to be the largest during the forecast period. This is because the water and wastewater management infrastructure business around the world is increasing its demand. Progressive cavity pumps are used to move through wastewater streams fluids that are very thick and rough.
- Progressing cavity pumps typically deliver a shallowly pulsed flow. Excessive sludge, untreated sewage, or dense slurries may be transported in wastewater and water treatment applications. The power and speed depend on the fluid's transmitted viscosity and the amount of lift needed, which will help the market expand.
- The development of new water treatment facilities is anticipated to be encouraged by the expanding worldwide population and a rise in water demand across various industries, enabling the progressive cavity pump market's expansion.
- People who live in places with little water are a big problem for the world's water systems. By 2025, the WHO projects that half of everyone on earth will reside in water-stressed regions. Because of this, infrastructure for treating wastewater and water is expected to grow a lot, which will boost the market. The modular design of these wastewater treatment plants has also made it possible for a cost-effective solution to be found. This has also helped to ease the initial challenge of a large cost. These facilities are easy to expand as the amount of wastewater and the capacity needs of the treatment plant grow.

#### Asia Pacific is Expected to Hold Major Share

- In the market for progressive cavity pumps, it is expected that Asia Pacific will be in the lead. The region's market has grown because of changes in the economy, such as industrialization, modern agriculture, and urbanization, which have all increased the need for clean, reusable water.
- Smart water management solutions providers can expect to make a lot of money from the growing number of smart cities in the region. By 2022, India plans to invest over USD 500,000 in constructing over 100 smart cities, which will affect the country's almost 1 billion people.
- The expansion of several sectors, including power, chemicals, oil, and gas, and increased investments in infrastructure for water and wastewater treatment are the main factors affecting the growth of the market for progressive cavity pumps in Asia Pacific. Other market-driving factors include an increase in infrastructure development initiatives, particularly in China and India, as well as growing demand for proper sanitation due to urbanization and rising living standards.

As more efficient ways of getting crude oil out of old reservoirs have been found, it is expected that the number of people who need these pumps in this region will rise.

#### Progressing Cavity Pump Industry Overview

The market for progressing cavity pumps is consolidated because there aren't many companies in the business. National-Oilwell Varco Inc., Schlumberger Limited, Xylem Inc., NETZSCH Group, PCM Group, Seepex Inc., and Halliburton Company are some of the major competitors in this sector.

National-Oilwell Varco Inc. released the new AgitatorZP System in January 2023. It is a tool for reducing friction that can be used at any pressure. The AgitatorZP System is made for applications with limited standpipe pressure. It maximizes weight transfer, which improves directional control and drilling performance in long-reach laterals.

In April 2022, Xylem announced that it would invest as a limited partner (LP) in the venture capital funds Burnt Island Ventures and The Westly Group's Funds III and IV. This would help develop new technologies for water and industry. The USD 20 million invested by both funds is a key part of Xylem's Xylem Innovation Labs program, which encourages innovation from outside the company. These investments bolster Xylem Innovation Labs' open innovation network and its commitment to bringing the most

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important water technology innovations to market at scale and speed.

In April 2022, NETZSCH announced the new NEMO progressing cavity pump in FSIP design with a compact block construction. This is particularly space-saving and allows you to install the pump in a confined space. The progressing cavity pump has an innovative design that makes it easy to get to the parts that wear out. This makes maintenance and service easier.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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