

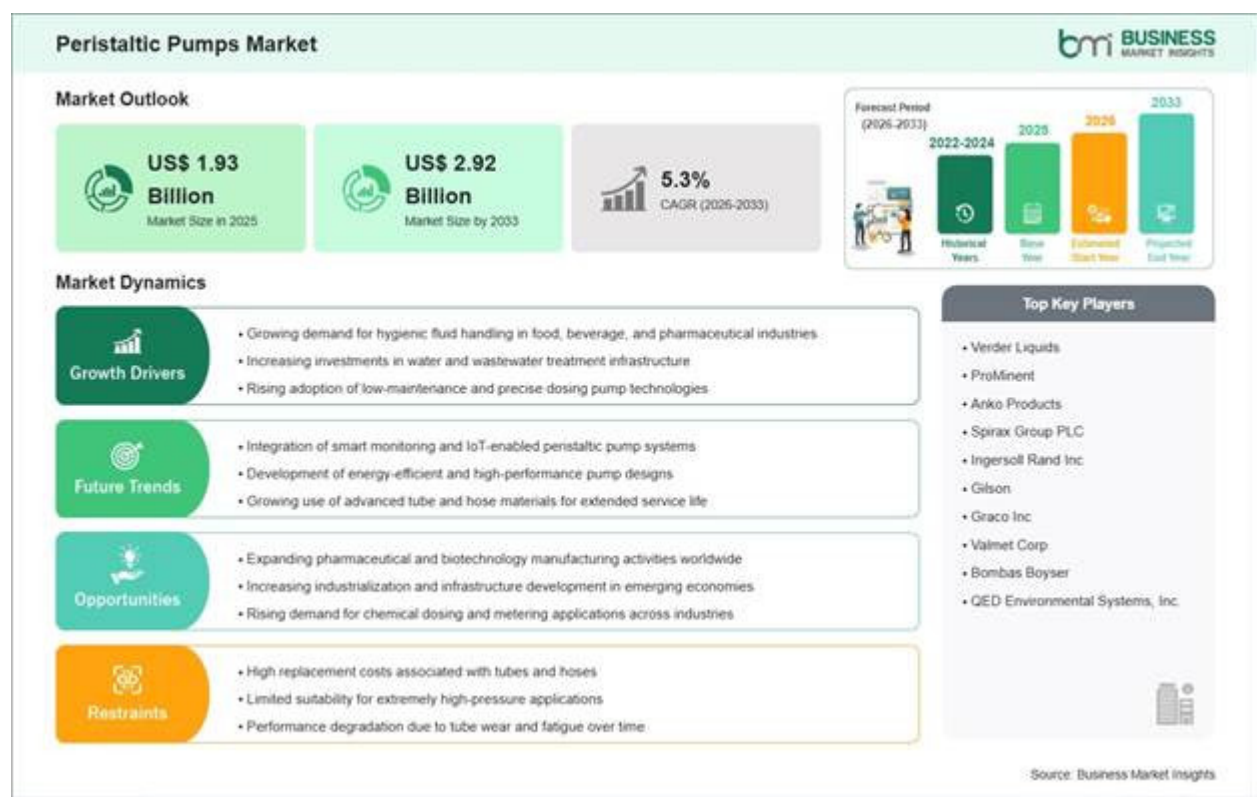


Hose Pumps Market Growing from US\$ 1.93 Billion to US\$ 2.92 Billion by 2033

The peristaltic pumps industry is undergoing continuous innovation globally, supported by increasing investments in industrial automation, laboratory modernization, and advanced process control technologies. Manufacturers are developing next-generation peristaltic pumping systems designed to deliver higher precision, improved durability, enhanced chemical compatibility, and seamless integration with automated production and monitoring systems.

According to Business Market Insights, the global [Peristaltic Pumps Market](#) is expected to increase from US\$ 1.93 billion in 2025 to US\$ 2.92 billion by 2033. This growth reflects a projected CAGR of 5.3% during the 2026–2033 forecast period.

Owing to rising investments in pharmaceutical manufacturing, expanding wastewater treatment infrastructure, and growing adoption of automated fluid handling systems. Technological advancements in intelligent pump controls, IoT-enabled monitoring, and energy-efficient pump designs continue to support market expansion across industrial and healthcare sectors.



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Market Size and Growth Projections

The Peristaltic Pumps Market is projected to register strong growth as industries increasingly prioritize sterile fluid transfer, precise dosing, and low-maintenance pumping solutions. Growing investments in biotechnology, pharmaceutical production, food safety, and industrial process automation are creating substantial opportunities for market participants. Continuous innovations in tubing materials, variable-speed drive technologies, digital process control, and smart pump monitoring systems are further accelerating market development across global industries.

What Are Peristaltic Pumps?

Peristaltic pumps are positive displacement pumps that transfer fluids by compressing and releasing a flexible tube or hose using rotating rollers or shoes. Since the pumped fluid only comes into contact with the tubing, these pumps eliminate contamination risks and provide exceptional chemical compatibility. Peristaltic pumps are widely used for handling abrasive, viscous, corrosive, shear-sensitive, and sterile fluids in applications including chemical dosing, laboratory analysis, medical infusion, bioprocessing, mining, and wastewater treatment.

Market Drivers

The increasing demand for hygienic fluid handling in pharmaceutical and biotechnology industries, expanding water and wastewater treatment facilities, and growing adoption of industrial automation are among the primary factors driving market growth. Manufacturers are increasingly selecting peristaltic pumps due to their self-priming capability, accurate dosing performance, low maintenance requirements, and ability to handle aggressive chemicals without contamination. Additionally, the integration of IoT connectivity, predictive maintenance software, intelligent flow monitoring, and programmable control systems is enhancing operational efficiency and supporting widespread market adoption.

Market Segmentation

By Type

- Peristaltic Tube Pumps
- Peristaltic Hose Pumps

By Discharge Capacity

- Up to 30 PSI
- 30–50 PSI

- 50–100 PSI
- 100–200 PSI
- Above 200 PSI

By End-Use Industry

- Pharmaceutical & Medical
- Water & Wastewater Treatment
- Food & Beverage
- Chemical Processing
- Mining
- Pulp & Paper
- Others

Regional Insights

- **North America** holds a significant share of the Peristaltic Pumps Market due to advanced pharmaceutical manufacturing, biotechnology research, and increasing adoption of automated fluid handling systems.
- **Europe** continues to witness strong market growth driven by stringent hygiene regulations, expanding pharmaceutical production, and increasing investments in water treatment infrastructure.
- **Asia Pacific** is expected to register the fastest growth owing to rapid industrialization, expanding chemical processing industries, growing healthcare investments, and rising demand for wastewater treatment across China, India, Japan, and Southeast Asia.
- **Middle East & Africa** and **South & Central America** are emerging markets supported by increasing industrial development, mining activities, and infrastructure modernization.

Top Players in the Peristaltic Pumps Market

- **Watson-Marlow Fluid Technology Solutions**
- **Verder Group**
- **ProMinent GmbH**
- **Graco Inc.**
- **Cole-Parmer Instrument Company LLC**
- **Flowrox Oy**
- **NETZSCH Pumps & Systems**
- **SEKO S.p.A.**
- **Randolph Austin Company**
- **Wanner Engineering Inc.**

Technological Innovations

Manufacturers are increasingly integrating intelligent flow monitoring, programmable logic controllers (PLCs), IoT-enabled diagnostics, AI-assisted predictive maintenance, touchscreen interfaces, and energy-efficient variable-speed drives into next-generation peristaltic pumps. Advanced tubing materials, digital dosing technologies, remote monitoring capabilities, and automated calibration systems are improving operational efficiency, process reliability, dosing accuracy, and equipment lifespan across industrial and healthcare applications.

Future Market Outlook

The future outlook for the Peristaltic Pumps Market remains highly promising due to increasing investments in pharmaceutical manufacturing, biotechnology research, water treatment infrastructure, and industrial automation. Growing demand for contamination-free fluid transfer, precision dosing technologies, and digitally connected pumping systems is expected to create substantial opportunities for manufacturers throughout the forecast period. Continued innovation in smart pump technologies, sustainable manufacturing, and advanced process automation will further strengthen global market growth.

Frequently Asked Questions (FAQs)

What is driving the Peristaltic Pumps Market?

The market is primarily driven by increasing demand for contamination-free fluid handling, growth in pharmaceutical and biotechnology industries, expansion of water treatment facilities, and rising industrial automation.

Which peristaltic pump types are widely used?

Peristaltic tube pumps and peristaltic hose pumps are widely used across pharmaceutical, food processing, laboratory, chemical, mining, and wastewater treatment applications.

Which region dominates the market?

North America currently holds a significant share of the Peristaltic Pumps Market, while Asia Pacific is expected to witness the fastest growth due to expanding industrialization, healthcare infrastructure, and manufacturing activities.

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