

Dosing Pumps Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

<https://marketpublishers.com/r/D98B3E2F8869EN.html>

Date: June 2025

Pages: 125

Price: US\$ 4,850.00 (Single User License)

ID: D98B3E2F8869EN

Abstracts

The Global Dosing Pumps Market was valued at USD 7.8 billion in 2024 and is estimated to grow at a CAGR of 6.9% to reach USD 15.1 billion by 2034. The integration of digital controllers, which enable precise dosing, real-time monitoring, and automated feedback control, is a key growth driver. Municipal and industrial wastewater facilities increasingly rely on chlorine, ozone, and UV dosing systems, while urban centers deploy local water purification units. In the food and beverage sector, dosing pumps are vital for accurate injection of preservatives, flavorings, and colorants. The oil and gas industry boosts demand for high-pressure pumps for corrosion inhibitors, salt-resistant and explosion-proof systems for platforms and FPSOs, and methanol and glycol injection in subsea pipelines. Auto-calibration and IoT-enabled remote connectivity are further enhancing efficiency and predictive maintenance.

Continuous innovation in dosing pump technology designed to handle highly viscous, corrosive, or abrasive chemicals is significantly expanding market opportunities across various industrial sectors. Advanced materials, such as reinforced polymers and corrosion-resistant alloys, are now being integrated into pump construction to improve durability and lifespan under extreme operating conditions. Additionally, enhanced sealing mechanisms, variable-speed drive compatibility, and precision flow control features enable these pumps to operate efficiently in challenging applications like mining, wastewater treatment, pulp and paper, and oil & gas. As industries seek to automate complex chemical dosing processes with minimal downtime and maintenance, demand for these rugged, high-performance dosing systems is rising steadily, opening new avenues for growth and product diversification.

The peristaltic dosing pumps segment is forecasted to reach USD 2.5 billion by 2034, driven by increasing demand from industries requiring hygienic fluid handling and

contamination-free operation. Their sealed, non-invasive fluid pathways make them highly suitable for sectors like biotechnology, pharmaceuticals, and food production, where product purity is critical. The convenience of tool-free tubing replacement not only simplifies maintenance but also maximizes equipment uptime, reducing operational delays and minimizing labor intensity. As cleanroom compliance and product integrity remain top priorities in these industries, peristaltic pumps continue to gain ground for their ability to ensure sterile processing environments with minimal risk of cross-contamination.

The chemical processing dosing pumps segment is expected to reach USD 3.5 billion by 2034 as manufacturers seek durable, high-precision systems capable of handling aggressive fluids and hazardous chemicals. Their compatibility with closed-loop systems—designed to minimize vapor emissions and maximize workplace safety—makes them indispensable in chemical, petrochemical, and industrial manufacturing settings. These pumps are increasingly configured for continuous 24/7 use in high-capacity plants, where uninterrupted chemical dosing is vital to production efficiency. Their capacity to operate under extreme temperatures and pressures, coupled with automation readiness, makes them a preferred choice for demanding applications.

North America Dosing Pumps Market is expected to reach USD 3 billion by 2034, propelled by infrastructure upgrades and stricter environmental compliance mandates. As public utilities face mounting pressure to modernize outdated water treatment infrastructure, digital dosing pumps are rapidly replacing traditional mechanical systems. Enhanced precision in dosing chlorine, fluoride, and other treatment chemicals ensures regulatory alignment with evolving EPA standards. Utilities and industrial operators alike are prioritizing smart, networked pumps with remote monitoring and control capabilities, aligning with broader goals of sustainability, cost reduction, and public health protection.

Key players involved in the Global Dosing Pumps Market are Ark Electric & Mechanical, Blue White, Dosimix Technologies, Emec, Firemiks, Grundfos Holding, IDEX Corporation, Ingersoll Rand, IWAKI, KNAUER Wissenschaftliche Geräte, NETZSCH, Nikkiso, Phoenix Pumps, ProMinent, PSG, Roto Pumps, SEKO, SPX Flow, Verder Liquids, Verito Engineering, W.E.S. Manufacturers are investing heavily in digital innovation—integrating IoT connectivity, remote diagnostics, and auto-calibration features to meet demand for smart dosing solutions and reduce downtime. They are also developing corrosion-, heat-, salt-, and explosion-resistant pumps for demanding oil, gas, and industrial environments. Strategic growth tactics include forming partnerships with engineering firms and municipal utilities to pilot advanced systems, especially in wastewater and water treatment. Product portfolios are being expanded with peristaltic

models tailored for food and biotech sterile applications, while closed-system chemical pumps ensure safety and compliance.

Companies Mentioned

Ark Electric & Mechanical, Blue-White, Dosimix Technologies, Emec, Firemiks, Grundfos Holding, IDEX Corporation, Ingersoll Rand, IWAKI, KNAUER Wissenschaftliche Ger?te, NETZSCH, Nikkiso, Phoenix Pumps, ProMinent, PSG, Roto Pumps, SEKO, SPX Flow, Verder Liquids, Verito Engineering, W.E.S.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Research design
- 1.2 Market estimates & forecast parameters
- 1.3 Forecast calculation
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid
 - 1.4.2.2 Public
- 1.5 Market definitions

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry synopsis, 2021 - 2034

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
- 3.2 Regulatory landscape
- 3.3 Industry impact forces
 - 3.3.1 Growth drivers
 - 3.3.2 Industry pitfalls & challenges
- 3.4 Growth potential analysis
- 3.5 Porter's analysis
 - 3.5.1 Bargaining power of suppliers
 - 3.5.2 Bargaining power of buyers
 - 3.5.3 Threat of new entrants
 - 3.5.4 Threat of substitutes
- 3.6 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2025

- 4.1 Introduction
- 4.2 Company market share analysis, 2024

- 4.3 Strategic dashboard
- 4.4 Strategic initiatives
- 4.5 Competitive benchmarking
- 4.6 Innovation & sustainability landscape

CHAPTER 5 MARKET SIZE AND FORECAST, BY PRODUCT, 2021 - 2034 (USD MILLION)

- 5.1 Key trends
- 5.2 Diaphragm pumps
- 5.3 Piston pumps
- 5.4 Peristaltic pumps
- 5.5 Others

CHAPTER 6 MARKET SIZE AND FORECAST, BY FLOW RATE, 2021 - 2034 (USD MILLION)

- 6.1 Key trends
- 6.2 ? 50 (L/min)
- 6.3 50 to 100 (L/min)
- 6.4 > 100 (L/min)

CHAPTER 7 MARKET SIZE AND FORECAST, BY APPLICATION, 2021 - 2034 (USD MILLION)

- 7.1 Key trends
- 7.2 Water & wastewater treatment
- 7.3 Chemical processing
- 7.4 Oil & gas
- 7.5 Food & beverage
- 7.6 Pharmaceutical
- 7.7 Others

CHAPTER 8 MARKET SIZE AND FORECAST, BY END USE, 2021 - 2034 (USD MILLION)

- 8.1 Key trends
- 8.2 Commercial
- 8.3 Industrial

8.4 Municipal

CHAPTER 9 MARKET SIZE AND FORECAST, BY REGION, 2021 - 2034 (USD MILLION)

9.1 Key trends

9.2 North America

9.2.1 U.S.

9.2.2 Canada

9.2.3 Mexico

9.3 Europe

9.3.1 UK

9.3.2 France

9.3.3 Germany

9.3.4 Italy

9.3.5 Russia

9.3.6 Spain

9.4 Asia Pacific

9.4.1 China

9.4.2 Japan

9.4.3 South Korea

9.4.4 India

9.4.5 Australia

9.4.6 Malaysia

9.4.7 Indonesia

9.5 Middle East & Africa

9.5.1 Saudi Arabia

9.5.2 UAE

9.5.3 Qatar

9.5.4 South Africa

9.5.5 Nigeria

9.6 Latin America

9.6.1 Brazil

9.6.2 Peru

9.6.3 Argentina

CHAPTER 10 COMPANY PROFILES

10.1 Ark Electric & Mechanical

- 10.2 Blue-White
- 10.3 Dosimix Technologies
- 10.4 Emec
- 10.5 Firemiks
- 10.6 Grundfos Holding
- 10.7 IDEX Corporation
- 10.8 Ingersoll Rand
- 10.9 IWAKI
- 10.10 KNAUER Wissenschaftliche Geräte
- 10.11 NETZSCH
- 10.12 Nikkiso
- 10.13 Phoenix Pumps
- 10.14 ProMinent
- 10.15 PSG
- 10.16 Roto Pumps
- 10.17 SEKO
- 10.18 SPX Flow
- 10.19 Verder Liquids
- 10.20 Verito Engineering
- 10.21 W.E.S.

I would like to order

Product name: Dosing Pumps Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

Product link: <https://marketpublishers.com/r/D98B3E2F8869EN.html>

Price: US\$ 4,850.00 (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/D98B3E2F8869EN.html>