

# **Industrial Pump Market Forecasts to 2032 – Global Analysis By Type (Centrifugal Pumps, Positive Displacement Pumps, Backed Veneers and Specialty Pumps), Material, Capacity, Distribution Channel, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Industrial Pump Market is accounted for \$49.97 billion in 2025 and is expected to reach \$78.69 billion by 2032 growing at a CAGR of 6.7% during the forecast period. An industrial pump is a mechanical device used in industrial settings to transfer fluids, such as chemicals, water, oil, or slurry, from one place to another. These pumps are necessary for many operations in industries such as manufacturing, mining, power production, water treatment, and oil & gas. Depending on the application, they work via a variety of mechanisms, such as electromagnetic action, positive displacement, or centrifugal force. Industrial pumps are essential for sustaining continuous operations and maximising output in industrial systems because they are designed for exceptional durability, efficiency, and performance under challenging circumstances.

According to China's 14th Five-year plan, the country has been investing in new infrastructure projects, green building development, and new urbanization measures with an investment of USD 4.2 trillion.

Market Dynamics:

Driver:

Increasing demand from water & wastewater treatment

The requirement for effective sewage treatment and water delivery systems grows as urban populations rise. For the transmission, circulation, and treatment of water in these systems, industrial pumps are crucial. Strict environmental laws also encourage the use of cutting-edge pump technologies to control waste and water quality. Pump replacements and modifications are also required in developed countries due to ageing infrastructure. These elements work together to support the steady increase in industrial pump demand around the world.

#### Restraint:

##### High energy consumption and operational costs

Industrial pumps frequently need to run constantly, which results in significant electricity consumption and rising utility costs. Furthermore, energy inefficiency is exacerbated by antiquated or ineffective pump models, placing a burden on maintenance expenses. Small and medium-sized businesses are discouraged from using sophisticated pumping systems due to the high operating costs. However, there is pressure to upgrade or replace systems, which requires a significant financial outlay, due to environmental requirements pertaining to energy consumption and carbon emissions. Because industrial pumps are expensive to operate and maintain, their overall demand is hampered.

#### Opportunity:

##### Adoption of smart pump technologies and industry 4.0 integration

Real-time monitoring and predictive maintenance are made possible by the adoption of smart pump technologies and industry 4.0 integration, which reduce operational downtime and extend equipment longevity. With the use of sophisticated sensors and Internet of Things connectivity, automated systems may be seamlessly integrated to improve process accuracy and efficiency. Industry 4.0 frameworks enhance data-driven decision-making, which optimises energy use and reduces maintenance costs. Smart pumps with remote diagnostic and control capabilities allow for safer and more efficient operations in dangerous situations. When all is said and done, these technologies increase productivity, sustainability, and competitive advantage across industry.

#### Threat:

##### Volatility in raw material prices and global supply chain disruptions

Price fluctuations for iron, steel, and speciality alloys cause production schedule delays and disruptions to procurement budgets. The timely availability of parts and completed goods is hampered by global supply chain disruptions, which are frequently brought on by pandemics or geopolitical unrest. Lead times are prolonged and logistical expenses rise as a result of these disruptions. Investment in technology advancements and capacity development is discouraged by the uncertainty. All things considered, these factors diminish the market's potential for growth and operational efficiency.

### Covid-19 Impact

The COVID-19 pandemic significantly disrupted the industrial pump market, causing supply chain interruptions, project delays, and reduced capital expenditures across key industries such as oil & gas, manufacturing, and construction. Factory shutdowns and labor shortages further hampered production and demand. However, the market experienced gradual recovery with increased demand from the water treatment and pharmaceutical sectors. Accelerated digital transformation and focus on automation also emerged, prompting manufacturers to invest in smart pump technologies to enhance operational efficiency and ensure business continuity.

The positive displacement pumps segment is expected to be the largest during the forecast period

The positive displacement pumps segment is expected to account for the largest market share during the forecast period, due to its ability to handle high-viscosity fluids with consistent flow, regardless of pressure. These pumps are ideal for precise dosing and metering applications, which are critical in industries such as chemical processing and pharmaceuticals. Their high efficiency in low-flow, high-pressure conditions makes them indispensable for oil & gas and food & beverage sectors. Growing industrial automation and process optimization further drive demand for positive displacement technologies. Additionally, their robust design and ease of maintenance contribute to long-term operational reliability, enhancing market growth.

The water & wastewater segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the water & wastewater segment is predicted to witness the highest growth rate by driving demand for reliable and high-capacity pumping systems. Stringent environmental regulations mandate advanced treatment infrastructure,

boosting the adoption of industrial pumps in municipal and industrial facilities. Rapid urbanization and population growth increase water consumption and wastewater generation, necessitating scalable pump solutions. Additionally, the push for water reuse and desalination in water-scarce regions creates further opportunities. Technological advancements in energy-efficient and corrosion-resistant pumps cater specifically to the needs of this segment, strengthening market growth.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to expanding manufacturing sectors, urbanization, and increasing demand for clean water in densely populated countries like China and India. Government-led industrialization programs and infrastructure development projects in emerging economies are accelerating pump installations. The food & beverage, construction, and power generation industries significantly contribute to rising demand. Moreover, lower labor costs and favorable foreign investment policies encourage global players to establish production bases in the region, intensifying competition and innovation.

Region with highest CAGR:

Over the forecast period, the North America region is anticipated to exhibit the highest CAGR by robust infrastructure development, the presence of major oil & gas players, and a strong focus on wastewater treatment and chemical processing. Technological innovations, such as smart pumps and energy-efficient models, are increasingly being adopted across industries. Additionally, regulatory frameworks emphasizing energy conservation further support market growth. The United States holds a dominant position due to its mature industrial base and substantial investments in modernizing aging water infrastructure and boosting production efficiency.

Key players in the market

Some of the key players profiled in the Industrial Pump Market include Flowserve Corporation, Grundfos Holding A/S, KSB SE & Co. KGaA, Sulzer Ltd, Weir Group PLC, ITT Inc., Ebara Corporation, Xylem Inc., Wilo SE, Dover Corporation, SPX Flow Inc., Danfoss A/S, Ruhrpumpen Group, Kirloskar Brothers Limited, Sundyne, Schlumberger Limited, Baker Hughes Company and Interpump Group S.p.A.

Key Developments:

In January 2025, Flowserve and Chart Industries agreed to a \$19 billion all-stock merger, forming a leading provider in gas and liquid technologies. The combined entity will be headquartered in Dallas, with Flowserve CEO Scott Rowe leading the company and Chart CEO Jill Evanko serving as board chair. The merger is expected to close in Q4 2025, subject to regulatory approvals.

In November 2023, Grundfos inaugurated its Singapore Innovation Hub, focusing on energy-efficient solutions for commercial buildings. The facility serves as a platform for collaboration with industry partners, customers, and researchers to co-develop smart solutions, particularly in cooling applications.

In January 2023, Grundfos acquired Water Works Inc., a San Diego-based company specializing in water treatment solutions. This acquisition was integrated into MECO, enhancing Grundfos's offerings in the life science and biopharmaceutical sectors.

#### Types Covered:

Centrifugal Pumps

Positive Displacement Pumps

Specialty Pumps

#### Materials Covered:

Cast Iron

Stainless Steel

Bronze

Other Materials

#### Capacities Covered:

Small

Medium

High

Distribution Channels Covered:

Direct Sales

Distributors/Dealers

Online Retail

End Users Covered:

Oil & Gas

Water & Wastewater

Chemical

Power Generation

Food & Beverage

Pharmaceuticals

Mining

Construction

Pulp & Paper

HVAC

Agriculture

Marine

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

## Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 End User Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

### **5 GLOBAL INDUSTRIAL PUMP MARKET, BY TYPE**

- 5.1 Introduction
- 5.2 Centrifugal Pumps
  - 5.2.1 Single-stage
  - 5.2.2 Multi-stage
  - 5.2.3 Axial & mixed flow
  - 5.2.4 Submersible
  - 5.2.5 Sealless & circulator
- 5.3 Positive Displacement Pumps
  - 5.3.1 Reciprocating
  - 5.3.2 Rotary
- 5.4 Specialty Pumps
  - 5.4.1 Cryogenic
  - 5.4.2 Diaphragm metering
  - 5.4.3 Electromagnetic

## **6 GLOBAL INDUSTRIAL PUMP MARKET, BY MATERIAL**

- 6.1 Introduction
- 6.2 Cast Iron
- 6.3 Stainless Steel
- 6.4 Bronze
- 6.5 Other Materials

## **7 GLOBAL INDUSTRIAL PUMP MARKET, BY CAPACITY**

- 7.1 Introduction
- 7.2 Small
- 7.3 Medium
- 7.4 High

## **8 GLOBAL INDUSTRIAL PUMP MARKET, BY DISTRIBUTION CHANNEL**

- 8.1 Introduction
- 8.2 Direct Sales
- 8.3 Distributors/Dealers
- 8.4 Online Retail

## **9 GLOBAL INDUSTRIAL PUMP MARKET, BY END USER**

- 9.1 Introduction
- 9.2 Oil & Gas
- 9.3 Water & Wastewater
- 9.4 Chemical
- 9.5 Power Generation
- 9.6 Food & Beverage
- 9.7 Pharmaceuticals
- 9.8 Mining
- 9.9 Construction
- 9.10 Pulp & Paper
- 9.11 HVAC
- 9.12 Agriculture
- 9.13 Marine
- 9.14 Other End Users

## **10 GLOBAL INDUSTRIAL PUMP MARKET, BY GEOGRAPHY**

- 10.1 Introduction
- 10.2 North America
  - 10.2.1 US
  - 10.2.2 Canada
  - 10.2.3 Mexico
- 10.3 Europe
  - 10.3.1 Germany
  - 10.3.2 UK
  - 10.3.3 Italy
  - 10.3.4 France
  - 10.3.5 Spain
  - 10.3.6 Rest of Europe
- 10.4 Asia Pacific
  - 10.4.1 Japan
  - 10.4.2 China
  - 10.4.3 India
  - 10.4.4 Australia
  - 10.4.5 New Zealand
  - 10.4.6 South Korea
  - 10.4.7 Rest of Asia Pacific
- 10.5 South America

- 10.5.1 Argentina
- 10.5.2 Brazil
- 10.5.3 Chile
- 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Flowserve Corporation
- 12.2 Grundfos Holding A/S
- 12.3 KSB SE & Co. KGaA
- 12.4 Sulzer Ltd
- 12.5 Weir Group PLC
- 12.6 ITT Inc.
- 12.7 Ebara Corporation
- 12.8 Xylem Inc.
- 12.9 Wilo SE
- 12.10 Dover Corporation
- 12.11 SPX Flow Inc.
- 12.12 Danfoss A/S
- 12.13 Ruhrpumpen Group
- 12.14 Kirloskar Brothers Limited
- 12.15 Sundyne
- 12.16 Schlumberger Limited
- 12.17 Baker Hughes Company
- 12.18 Interpump Group S.p.A.

## List Of Tables

### LIST OF TABLES

- Table 1 Global Industrial Pump Market Outlook, By Region (2024-2032) (\$MN)
- Table 2 Global Industrial Pump Market Outlook, By Type (2024-2032) (\$MN)
- Table 3 Global Industrial Pump Market Outlook, By Centrifugal Pumps (2024-2032) (\$MN)
- Table 4 Global Industrial Pump Market Outlook, By Single-stage (2024-2032) (\$MN)
- Table 5 Global Industrial Pump Market Outlook, By Multi-stage (2024-2032) (\$MN)
- Table 6 Global Industrial Pump Market Outlook, By Axial & mixed flow (2024-2032) (\$MN)
- Table 7 Global Industrial Pump Market Outlook, By Submersible (2024-2032) (\$MN)
- Table 8 Global Industrial Pump Market Outlook, By Sealless & circulator (2024-2032) (\$MN)
- Table 9 Global Industrial Pump Market Outlook, By Positive Displacement Pumps (2024-2032) (\$MN)
- Table 10 Global Industrial Pump Market Outlook, By Reciprocating (2024-2032) (\$MN)
- Table 11 Global Industrial Pump Market Outlook, By Rotary (2024-2032) (\$MN)
- Table 12 Global Industrial Pump Market Outlook, By Specialty Pumps (2024-2032) (\$MN)
- Table 13 Global Industrial Pump Market Outlook, By Cryogenic (2024-2032) (\$MN)
- Table 14 Global Industrial Pump Market Outlook, By Diaphragm metering (2024-2032) (\$MN)
- Table 15 Global Industrial Pump Market Outlook, By Electromagnetic (2024-2032) (\$MN)
- Table 16 Global Industrial Pump Market Outlook, By Material (2024-2032) (\$MN)
- Table 17 Global Industrial Pump Market Outlook, By Cast Iron (2024-2032) (\$MN)
- Table 18 Global Industrial Pump Market Outlook, By Stainless Steel (2024-2032) (\$MN)
- Table 19 Global Industrial Pump Market Outlook, By Bronze (2024-2032) (\$MN)
- Table 20 Global Industrial Pump Market Outlook, By Other Materials (2024-2032) (\$MN)
- Table 21 Global Industrial Pump Market Outlook, By Capacity (2024-2032) (\$MN)
- Table 22 Global Industrial Pump Market Outlook, By Small (2024-2032) (\$MN)
- Table 23 Global Industrial Pump Market Outlook, By Medium (2024-2032) (\$MN)
- Table 24 Global Industrial Pump Market Outlook, By High (2024-2032) (\$MN)
- Table 25 Global Industrial Pump Market Outlook, By Distribution Channel (2024-2032) (\$MN)
- Table 26 Global Industrial Pump Market Outlook, By Direct Sales (2024-2032) (\$MN)
- Table 27 Global Industrial Pump Market Outlook, By Distributors/Dealers (2024-2032)

(\$MN)

Table 28 Global Industrial Pump Market Outlook, By Online Retail (2024-2032) (\$MN)

Table 29 Global Industrial Pump Market Outlook, By End User (2024-2032) (\$MN)

Table 30 Global Industrial Pump Market Outlook, By Oil & Gas (2024-2032) (\$MN)

Table 31 Global Industrial Pump Market Outlook, By Water & Wastewater (2024-2032) (\$MN)

Table 32 Global Industrial Pump Market Outlook, By Chemical (2024-2032) (\$MN)

Table 33 Global Industrial Pump Market Outlook, By Power Generation (2024-2032) (\$MN)

Table 34 Global Industrial Pump Market Outlook, By Food & Beverage (2024-2032) (\$MN)

Table 35 Global Industrial Pump Market Outlook, By Pharmaceuticals (2024-2032) (\$MN)

Table 36 Global Industrial Pump Market Outlook, By Mining (2024-2032) (\$MN)

Table 37 Global Industrial Pump Market Outlook, By Construction (2024-2032) (\$MN)

Table 38 Global Industrial Pump Market Outlook, By Pulp & Paper (2024-2032) (\$MN)

Table 39 Global Industrial Pump Market Outlook, By HVAC (2024-2032) (\$MN)

Table 40 Global Industrial Pump Market Outlook, By Agriculture (2024-2032) (\$MN)

Table 41 Global Industrial Pump Market Outlook, By Marine (2024-2032) (\$MN)

Table 42 Global Industrial Pump Market Outlook, By Other End Users (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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