

Pumps Market by Type (Centrifugal, Rotary, Reciprocating), Operation (Electric, Mechanical), End User (Industrial, Commercial and Residential), and Region - Global Forecast 2029

<https://marketpublishers.com/r/P3AD1F89072BEN.html>

Date: December 2024

Pages: 289

Price: US\$ 4,950.00 (Single User License)

ID: P3AD1F89072BEN

Abstracts

The global pumps market is expected to grow significantly from an estimated USD 61.32 billion in 2024 to USD 79.01 billion by 2029, at a CAGR of 5.2% during the forecast period. The global pump market is expected to grow well, as a result of accelerating industrialization and urbanization coupled with a strong rise in investment in infrastructure around the world. This growth is led by growing demand across such sectors as water and wastewater, oil and gas, chemicals, power generation, and construction. Energy-efficient and smart technologies in pumps can be driven further by environmental regulations and sustainability goals supporting overall market growth. Advances in digitalization and IoT-enabled pumps are opening new avenues for monitoring and optimizing pump performance, thus reducing operational costs and enhancing reliability.

“Reciprocating pumps segment, by type, is expected to hold third largest market share during forecast period”

Reciprocating pumps are the third largest segment in the global pumps market because they can better handle high-pressure and low-flow applications, which make them useful in all oil and gas, petrochemicals, and chemical processing industries. They are extremely efficient for applications that demand the control of fluid, as well as in applications requiring the handling of viscous fluids, abrasive slurries, and even those of solids-laden liquids. Centrifugal or rotary pumps struggle to handle these frequently in an efficient manner. Demand for reciprocating pumps comes in high because these are more prominent in areas where heavy industrial processes are developed, and robust,

reliable designs make them the first priority for applications where downtime and equipment failure must be kept to a minimum.

“South America is expected to hold the least market share during forecast period.”

South America is the fifth and smallest market share in the global pumps market, mainly due to various structural and economic challenges. Since industrialization is not as pronounced as it is in more developed regions, demand is relatively low across industries such as manufacturing and energy. Economic instability, along with low investments in infrastructure, has further constrained the growth of those sectors that largely depend on more sophisticated systems involving pumps. Countries like Brazil and Argentina have some industrial activities, but industrial and urban development are slower than in regions like Asia Pacific or North America.

By Company Type: Tier 1- 30%, Tier 2- 55%, and Tier 3- 15%

By Designation: C-level Executives - 30%, Director Level- 20%, and Others- 50%

By Region: North America – 18%, Europe – 8%, Asia Pacific – 60%, South America – 4%, Middle East & Africa – 10%

Note: Other designations include sales managers, marketing managers, product managers, and product engineers.

The tier of the companies is defined based on their total revenue as of 2023. Tier 1: USD 1 billion and above, Tier 2: From USD 500 million to USD 1 billion, and Tier 3:

Contents

1 INTRODUCTION

1.1 STUDY OBJECTIVES

1.2 MARKET DEFINITION

1.3 STUDY SCOPE

1.3.1 PUMPS MARKET SEGMENTATION AND REGIONAL SCOPE

1.3.2 INCLUSIONS AND EXCLUSIONS

1.3.3 YEARS CONSIDERED

1.4 CURRENCY CONSIDERED

1.5 UNITS CONSIDERED

1.6 LIMITATIONS

1.7 STAKEHOLDERS

2 RESEARCH METHODOLOGY

2.1 RESEARCH DATA

2.1.1 SECONDARY DATA

2.1.1.1 Key data from secondary sources

2.1.2 PRIMARY DATA

2.1.2.1 List of primary interview participants

2.1.2.2 Key industry insights

2.1.2.3 Key data from primary sources

2.1.2.4 Breakdown of primaries

2.2 MARKET SIZE ESTIMATION METHODOLOGY

2.2.1 BOTTOM-UP APPROACH

2.2.1.1 Regional analysis

2.2.1.2 Country-level analysis

2.2.1.3 Demand-side assumptions

2.2.1.4 Demand-side calculations

2.2.2 TOP-DOWN APPROACH

2.2.2.1 Supply-side assumptions

2.2.2.2 Supply-side calculations

2.3 MARKET BREAKDOWN AND DATA TRIANGULATION

2.4 GROWTH FORECAST

2.5 RESEARCH ASSUMPTIONS

2.6 RISK ANALYSIS

2.7 RESEARCH LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN PUMPS MARKET
- 4.2 PUMPS MARKET, BY REGION
- 4.3 PUMPS MARKET IN ASIA PACIFIC, BY END USER AND COUNTRY
- 4.4 PUMPS MARKET, BY TYPE
- 4.5 PUMPS MARKET, BY OPERATION
- 4.6 PUMPS MARKET, BY END USER

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

- 5.2.1.1 Rapid industrialization and urbanization
- 5.2.1.2 Significant focus of worldwide countries on infrastructure development

5.2.2 RESTRAINTS

- 5.2.2.1 Regulatory complexity and high cost of compliance
- 5.2.2.2 High upfront investments and skill shortages

5.2.3 OPPORTUNITIES

- 5.2.3.1 Adoption of smart and IoT-enabled pumps
- 5.2.3.2 Significant growth potential in emerging markets

5.2.4 CHALLENGES

- 5.2.4.1 Complexities associated with retrofitting and integrating pumping systems
- 5.2.4.2 Competition from low-cost, non-branded products

5.3 TRENDS/DISRUPTIONS IMPACTING CUSTOMER BUSINESS

5.4 ECOSYSTEM ANALYSIS

5.5 PRICING ANALYSIS

- 5.5.1 INDICATIVE PRICING ANALYSIS OF PUMPS, BY TYPE, 2023
- 5.5.2 AVERAGE SELLING PRICE TREND OF PUMPS, BY REGION, 2020–2023

5.6 INVESTMENT AND FUNDING SCENARIO

5.7 SUPPLY CHAIN ANALYSIS

5.8 TECHNOLOGY ANALYSIS

5.8.1 KEY TECHNOLOGIES

- 5.8.1.1 Variable frequency drive (VFD) pumps

5.8.2 ADJACENT TECHNOLOGIES

5.8.2.1 Smart pumps

5.8.2.2 Magnetic drive pumps

5.9 KEY CONFERENCES AND EVENTS, 2024–2025

5.10 TARIFF AND REGULATORY LANDSCAPE

5.10.1 TARIFF ANALYSIS (HS CODE 841370)

5.10.2 TARIFF ANALYSIS (HS CODE 841360)

5.10.3 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

5.10.4 REGULATIONS RELATED TO PUMPS MARKET

5.11 TRADE ANALYSIS

5.11.1 TRADE ANALYSIS OF CENTRIFUGAL PUMPS COVERED UNDER HS CODE 841370

5.11.1.1 Import analysis of Centrifugal pumps covered under HS code 841370

5.11.1.2 Export analysis of centrifugal pumps covered under HS code 841370

5.11.2 TRADE ANALYSIS OF ROTARY POSITIVE DISPLACEMENT PUMPS COVERED UNDER HS CODE 841360

5.11.2.1 Import analysis of Rotary positive displacement pumps covered under HS code 841360

5.11.2.2 Export analysis of rotary positive displacement pumps covered under HS code 841360

5.12 PATENT ANALYSIS

5.13 PORTER'S FIVE FORCES ANALYSIS

5.13.1 THREAT OF NEW ENTRANTS

5.13.2 THREAT OF SUBSTITUTES

5.13.3 BARGAINING POWER OF SUPPLIERS

5.13.4 BARGAINING POWER OF BUYERS

5.13.5 INTENSITY OF COMPETITIVE RIVALRY

5.14 KEY STAKEHOLDERS AND BUYING CRITERIA

5.14.1 KEY STAKEHOLDERS IN BUYING PROCESS

5.14.2 BUYING CRITERIA

5.15 CASE STUDY ANALYSIS

5.15.1 NARAYANA HEALTH DEPLOYS GRUNDFOS' PUMPS AND CONTROL PANEL IN ITS HVAC SYSTEMS TO REDUCE ENERGY CONSUMPTION AND ENVIRONMENTAL IMPACT

5.15.2 JACKSON PIKE WASTEWATER TREATMENT PLANT INSTALLS XYLEM'S PERISTALTIC PUMPS TO ENHANCE DISINFECTION EFFICIENCY AND SAFETY

5.15.3 EXXON MOBIL'S KIZOMBA FPSO PROJECT ADOPTS FLOWSERVE'S ADVANCED PUMP AND VALVE SOLUTIONS TO MEET STRINGENT SAFETY, SPACE, AND OPERATIONAL REQUIREMENTS

5.16 IMPACT OF GENERATIVE AI/AI ON PUMPS MARKET

5.17 PUMPS MARKET: MACROECONOMIC OUTLOOK

5.17.1 GDP OUTLOOK

5.17.2 RESEARCH AND DEVELOPMENT EXPENDITURE

5.17.3 INVESTMENTS BY END USERS

5.17.4 GROWING UPSTREAM OIL AND GAS INVESTMENT

6 PUMPS MARKET, BY TYPE

6.1 INTRODUCTION

6.2 CENTRIFUGAL

6.2.1 HIGH RELIABILITY AND DURABILITY AND LOW MAINTENANCE COSTS TO BOOST DEMAND

6.2.2 OVERHUNG IMPELLER

6.2.3 BETWEEN-BEARING IMPELLER

6.2.4 VERTICALLY SUSPENDED

6.3 ROTARY

6.3.1 SIGNIFICANT FOCUS OF PROCESS INDUSTRIES ON OPTIMIZING EFFICIENCY AND REDUCING DOWNTIME TO FUEL SEGMENTAL GROWTH

6.3.2 GEAR

6.3.3 VANE

6.3.4 PROGRESSIVE CAVITY

6.3.5 LOBE

6.3.6 PERISTALTIC

6.4 RECIPROCATING

6.4.1 ABILITY TO OFFER GREATER CONTROL OVER FLUID FLOW IN HIGH-PRESSURE CONDITIONS TO DRIVE DEMAND

6.4.2 PISTON

6.4.3 DIAPHRAGM

7 PUMPS MARKET, BY OPERATION

7.1 INTRODUCTION

7.2 ELECTRIC

7.2.1 HIGH ENERGY EFFICIENCY AND LOW OPERATIONAL COSTS TO BOOST DEMAND

7.3 MECHANICAL

7.3.1 DIVERSE APPLICATIONS AND OPERATIONAL RELIABILITY TO DRIVE DEMAND

8 PUMPS MARKET, BY END USER

8.1 INTRODUCTION

8.2 INDUSTRIAL

8.2.1 POWER GENERATION

8.2.1.1 Growing installation of geothermal and hydropower plants for energy generation to fuel market growth

8.2.2 AGRICULTURE

8.2.2.1 Increasing need for efficient irrigation and water management systems to foster market growth

8.2.3 WATER & WASTEWATER MANAGEMENT

8.2.3.1 Expansion of industrial settings due to rapid urbanization to accelerate market growth

8.2.4 OIL & GAS

8.2.4.1 Growing oil and gas exploration and production activities in remote or offshore regions to augment demand

8.2.5 CHEMICALS

8.2.5.1 Enforcement of strict environmental regulations to drive adoption

8.2.6 PHARMACEUTICALS

8.2.6.1 Rising demand for sterile and efficient fluid management to spike demand

8.2.7 FOOD & BEVERAGES

8.2.7.1 Ability to handle delicate, shear-sensitive, and viscous ingredients during food production to drive market

8.2.8 METALS & MINING

8.2.8.1 Surging demand for minerals and metals in construction, electronics, and renewable energy applications to contribute to market growth

8.2.9 OTHER INDUSTRIES

8.3 COMMERCIAL & RESIDENTIAL

8.3.1 HUGE INVESTMENTS IN SMART CITIES AND INFRASTRUCTURE MODERNIZATION TO CREATE OPPORTUNITIES FOR PUMP VENDORS

9 PUMPS MARKET, BY REGION

9.1 INTRODUCTION

9.2 ASIA PACIFIC

9.2.1 CHINA

9.2.1.1 Industrial expansion and sustainability initiatives to accelerate demand

9.2.2 INDIA

9.2.2.1 Ongoing urban infrastructure development and agricultural expansion projects to create lucrative opportunities market

9.2.3 JAPAN

9.2.3.1 Strategic investments in renewable energy projects to drive market

9.2.4 SOUTH KOREA

9.2.4.1 Rising adoption of automation and digitalization to spike demand

9.2.5 REST OF ASIA PACIFIC

9.3 EUROPE

9.3.1 GERMANY

9.3.1.1 Environmental sustainability and clean energy transition goals to stimulate demand

9.3.2 UK

9.3.2.1 Increasing investment in water conservation technology to support market growth

9.3.3 FRANCE

9.3.3.1 Stringent environmental regulations and ambitious renewable energy goals to contribute to market growth

9.3.4 ITALY

9.3.4.1 Increasing efforts toward reducing water wastage and addressing water scarcity issues to spike demand

9.3.5 REST OF EUROPE

9.4 NORTH AMERICA

9.4.1 US

9.4.1.1 Accelerating decarbonization efforts to fuel market growth

9.4.2 CANADA

9.4.2.1 Elevating investments in public infrastructure projects to create attractive opportunities

9.4.3 MEXICO

9.4.3.1 Oil & gas, mining, and agriculture industries to contribute most to market growth

9.5 MIDDLE EAST & AFRICA

9.5.1 GCC

9.5.1.1 Saudi Arabia

9.5.1.1.1 Increasing investments in sustainable manufacturing and energy infrastructure development to spur demand

9.5.1.2 UAE

9.5.1.2.1 Substantial investments in water desalination and clean energy projects to facilitate market growth

9.5.1.3 Rest of GCC

9.5.2 SOUTH AFRICA

9.5.2.1 Thriving infrastructure and mining sector to drive market

9.5.3 REST OF MIDDLE EAST & AFRICA

9.6 SOUTH AMERICA

9.6.1 BRAZIL

9.6.1.1 Growing industrial and agricultural investments to support market growth

9.6.2 ARGENTINA

9.6.2.1 Government focus on improving water and wastewater infrastructure to foster market growth

9.6.3 REST OF SOUTH AMERICA

10 COMPETITIVE LANDSCAPE

10.1 INTRODUCTION

10.2 KEY PLAYER STRATEGIES/RIGHT TO WIN, 2021–2024

10.3 REVENUE ANALYSIS, 2019–2023

10.4 MARKET SHARE ANALYSIS, 2023

10.5 COMPANY VALUATION AND FINANCIAL METRICS

10.6 PRODUCT TYPE-/GEOGRAPHIC PRESENCE-WISE COMPARISON

10.7 COMPANY EVALUATION MATRIX: KEY PLAYERS, 2023

10.7.1 STARS

10.7.2 EMERGING LEADERS

10.7.3 PERVASIVE PLAYERS

10.7.4 PARTICIPANTS

10.7.5 COMPANY FOOTPRINT: KEY PLAYERS, 2023

10.7.5.1 Company footprint

10.7.5.2 Region footprint

10.7.5.3 End user footprint

10.7.5.4 Type footprint

10.7.5.5 Operation footprint

10.8 COMPANY EVALUATION MATRIX: STARTUPS/SMES, 2023

10.8.1 PROGRESSIVE COMPANIES

10.8.2 RESPONSIVE COMPANIES

10.8.3 DYNAMIC COMPANIES

10.8.4 STARTING BLOCKS

10.8.5 COMPETITIVE BENCHMARKING: STARTUPS/SMES, 2023

10.8.5.1 Detailed list of key startups/SMEs

10.8.5.2 Competitive benchmarking of key startups/SMEs

10.9 COMPETITIVE SCENARIO

10.9.1 PRODUCT LAUNCHES

10.9.2 DEALS

10.9.3 EXPANSIONS

11 COMPANY PROFILES

11.1 KEY PLAYERS

11.1.1 GRUNDFOS HOLDING A/S

11.1.1.1 Business overview

11.1.1.2 Products/Solutions/Services offered

11.1.1.3 Recent developments

11.1.1.3.1 Deals

11.1.1.3.2 Contracts

11.1.1.4 MnM view

11.1.1.4.1 Key strengths/Right to win

11.1.1.4.2 Strategic choices

11.1.1.4.3 Weaknesses/Competitive threats

11.1.2 XYLEM

11.1.2.1 Business overview

11.1.2.2 Products/Solutions/Services offered

11.1.2.3 Recent developments

11.1.2.3.1 Deals

11.1.2.4 MnM view

11.1.2.4.1 Key strengths/Right to win

11.1.2.4.2 Strategic choices

11.1.2.4.3 Weaknesses/Competitive threats

11.1.3 KSB SE & CO. KGAA

11.1.3.1 Business overview

11.1.3.2 Products/Solutions/Services offered

11.1.3.3 Recent developments

11.1.3.3.1 Deals

11.1.3.3.2 Expansions

11.1.3.4 MnM view

11.1.3.4.1 Key strengths/Right to win

11.1.3.4.2 Strategic choices

11.1.3.4.3 Weaknesses/Competitive threats

11.1.4 SULZER LTD

11.1.4.1 Business overview

11.1.4.2 Products/Solutions/Services offered

- 11.1.4.3 Recent developments
 - 11.1.4.3.1 Product launches
 - 11.1.4.3.2 Deals
 - 11.1.4.3.3 Expansions
 - 11.1.4.3.4 Other developments
- 11.1.4.4 MnM view
 - 11.1.4.4.1 Key strengths/Right to win
 - 11.1.4.4.2 Strategic choices
 - 11.1.4.4.3 Weaknesses/Competitive threats
- 11.1.5 FLOWSERVE CORPORATION
 - 11.1.5.1 Business overview
 - 11.1.5.2 Products/solutions/services offered
 - 11.1.5.3 Recent developments
 - 11.1.5.3.1 Deals
 - 11.1.5.4 MnM view
 - 11.1.5.4.1 Key strengths/Right to win
 - 11.1.5.4.2 Strategic choices
 - 11.1.5.4.3 Weaknesses/Competitive threats
- 11.1.6 PENTAIR
 - 11.1.6.1 Business overview
 - 11.1.6.2 Products/Solutions/Services offered
 - 11.1.6.3 Recent developments
 - 11.1.6.3.1 Deals
- 11.1.7 ITT INC.
 - 11.1.7.1 Business overview
 - 11.1.7.2 Products/Solutions/Services offered
- 11.1.8 WILO SE
 - 11.1.8.1 Business overview
 - 11.1.8.2 Products/Solutions/Services offered
- 11.1.9 EBARA CORPORATION
 - 11.1.9.1 Business overview
 - 11.1.9.2 Products/Solutions/Services offered
 - 11.1.9.3 Recent developments
 - 11.1.9.3.1 Deals
- 11.1.10 THE WEIR GROUP PLC
 - 11.1.10.1 Business overview
 - 11.1.10.2 Products/Solutions/Services offered
 - 11.1.10.3 Recent developments
 - 11.1.10.3.1 Contracts

11.1.11 DANFOSS

- 11.1.11.1 Business overview
- 11.1.11.2 Products/Solutions/Services offered

11.1.12 SPX FLOW, INC.

- 11.1.12.1 Business overview
- 11.1.12.2 Products/Solutions/Services offered
- 11.1.12.3 Recent developments

- 11.1.12.3.1 Product launches

11.1.13 KIRLOSKAR BROTHERS LIMITED (INDIA)

- 11.1.13.1 Business overview
- 11.1.13.2 Products/Solutions/Services offered
- 11.1.13.3 Recent developments
- 11.1.13.3.1 Product launches

11.1.14 BAKER HUGHES COMPANY

- 11.1.14.1 Business overview
- 11.1.14.2 Products/Solutions/Services offered
- 11.1.14.3 Recent developments
- 11.1.14.3.1 Deals

11.1.15 ALFA LAVAL

- 11.1.15.1 Business overview
- 11.1.15.2 Products/Solutions/Services offered

11.1.16 WEG

- 11.1.16.1 Business overview
- 11.1.16.2 Products/Solutions/Services offered
- 11.1.16.3 Recent developments
- 11.1.16.3.1 Deals

11.1.17 TORISHIMA PUMP MFG. CO., LTD

- 11.1.17.1 Business overview
- 11.1.17.2 Products/Solutions/Services offered

11.1.18 GORMAN-RUPP PUMP

- 11.1.18.1 Business overview
- 11.1.18.2 Products/Solutions/Services offered

11.1.19 SPT PUMPEN

- 11.1.19.1 Business overview
- 11.1.19.2 Products/Solutions/Services offered

11.1.20 LEO GROUP PUMP CO., LTD.

- 11.1.20.1 Business overview
- 11.1.20.2 Products/Solutions/Services offered

11.2 OTHER PLAYERS

11.2.1 GRINDEX

11.2.2 HCP PUMP MANUFACTURER CO., LTD.

11.2.3 PRORIL

11.2.4 CNP INDIA PRIVATE LIMITED

11.2.5 ZHEJIANG DOYIN TECHNOLOGY CO. LTD.

12 APPENDIX

12.1 INSIGHTS FROM INDUSTRY EXPERTS

12.2 DISCUSSION GUIDE

12.3 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

12.4 CUSTOMIZATION OPTIONS

12.5 RELATED REPORTS

12.6 AUTHOR DETAILS

I would like to order

Product name: Pumps Market by Type (Centrifugal, Rotary, Reciprocating), Operation (Electric, Mechanical), End User (Industrial, Commercial and Residential), and Region - Global Forecast 2029

Product link: <https://marketpublishers.com/r/P3AD1F89072BEN.html>

Price: US\$ 4,950.00 (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/P3AD1F89072BEN.html>