

Oil Rotary Pump Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 – 2032

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Abstracts

The Global Oil Rotary Pump Market was valued at USD 1 billion in 2023 and is expected to grow at a CAGR of 3.4% throughout 2024-2032. The market growth is driven by the expanding oil and gas industry, which is increasing the demand for reliable pumps to handle crude oil and refined products. As exploration and production activities expand, the need for efficient oil rotary pumps rises, supporting upstream and downstream operations. These pumps are essential for handling various fluid viscosities and operating under high pressure, making them critical to the industry's infrastructure. In addition to these activities, the industry's infrastructure is being enhanced to accommodate growing production and processing requirements.

This includes the construction of new storage facilities, pipelines, and refineries, where oil rotary pumps play a key role in transferring fluids efficiently. As these infrastructure projects grow, the demand for rotary pumps remains robust, ensuring smooth and reliable operations. Furthermore, the emergence of unconventional oil and gas resources creates new market growth opportunities. These resources, often found in challenging environments, require specialized pumps that can handle extreme conditions and diverse fluid properties, which rotary pumps are well-equipped to manage.

The market is segmented by type, including rotary vane, cam type, and rocking piston pumps. In 2023, the rotary vane segment led the market, accounting for 46% of the total revenue, and is expected to grow at a CAGR of 3.9% during the forecast period. Rotary vane pumps are highly efficient for managing oil and gas applications due to their design, which allows them to maintain a steady flow under various pressure conditions. Based on material, the market is divided into cast iron, stainless steel, and others. The stainless-steel segment dominated with a 55.3% share in 2023 and is projected to grow at a CAGR of 3.9%. Stainless steel is widely favored for its resistance to corrosion, high temperatures, and harsh chemicals, making it ideal for industrial oil and gas

processes. Asia Pacific emerged as the leading region, contributing 38.1% of the market share in 2023, with an expected CAGR of 3.7%. The region's rapid industrialization and growing energy needs drive the demand for oil rotary pumps.

Contents

Report Content

CHAPTER 1 METHODOLOGY & SCOPE

- 1.1 Market scope & definition
- 1.2 Base estimates & calculations
- 1.3 Forecast parameters
- 1.4 Data sources
 - 1.4.1 Primary
 - 1.4.2 Secondary
 - 1.4.2.1 Paid sources
 - 1.4.2.2 Public sources

CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Industry 360° synopsis, 2021 - 2032

CHAPTER 3 INDUSTRY INSIGHTS

- 3.1 Industry ecosystem analysis
 - 3.1.1 Factors affecting the value chain
 - 3.1.2 Profit margin analysis
 - 3.1.3 Disruptions
 - 3.1.4 Future outlook
 - 3.1.5 Manufacturers
 - 3.1.6 Distributors
 - 3.1.7 Retailers
- 3.2 Impact forces
 - 3.2.1 Growth drivers
 - 3.2.1.1 Expanding oil and gas industry
 - 3.2.1.2 Technological advancements and innovations
 - 3.2.1.3 Infrastructure development in emerging markets
 - 3.2.2 Industry pitfalls & challenges
 - 3.2.2.1 High initial costs and maintenance expenses
 - 3.2.2.2 Vulnerability to economic fluctuations
- 3.3 Growth potential analysis
- 3.4 Regulatory landscape

- 3.5 Pricing analysis
- 3.6 Technological overview
- 3.7 Porter's analysis
- 3.8 PESTEL analysis

CHAPTER 4 COMPETITIVE LANDSCAPE, 2023

- 4.1 Introduction
- 4.2 Company market share analysis
- 4.3 Competitive positioning matrix
- 4.4 Strategic outlook matrix

CHAPTER 5 MARKET ESTIMATES & FORECAST, BY TYPE, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)

- 5.1 Key trends
- 5.2 Rotary vane
- 5.3 Cam type
- 5.4 Rocking piston

CHAPTER 6 MARKET ESTIMATES & FORECAST, BY MATERIAL, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)

- 6.1 Key trends
- 6.2 Cast iron
- 6.3 Stainless steel
- 6.4 Other

CHAPTER 7 MARKET ESTIMATES & FORECAST, BY CAPACITY, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)

- 7.1 Key trends
- 7.2 Up to 200 mbar
- 7.3 200 to 400 mbar
- 7.4 Over 400 mbar

CHAPTER 8 MARKET ESTIMATES & FORECAST, BY FLOW RATE, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)

- 8.1 Key trends
- 8.2 25 - 600 M3H
- 8.3 600 - 3000 M3H
- 8.4 3000 - 10000 M3H
- 8.5 over 10000 M3H

CHAPTER 9 MARKET ESTIMATES & FORECAST, BY APPLICATION, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)

- 9.1 Key trends
- 9.2 Petrochemical & chemical
- 9.3 Pharmaceutical
- 9.4 Food manufacturing
- 9.5 Aircraft
- 9.6 Automobile
- 9.7 Water treatment
- 9.8 Oil & gas
- 9.9 Power generation
- 9.10 EPS and plastics
- 9.11 Pulp & paper
- 9.12 Others

CHAPTER 10 MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)

- 10.1 Key trends
- 10.2 Direct
- 10.3 Indirect

CHAPTER 11 MARKET ESTIMATES & FORECAST, BY REGION, 2021 – 2032, (USD BILLION) (THOUSAND UNITS)

- 11.1 Key trends
- 11.2 North America
 - 11.2.1 U.S.
 - 11.2.2 Canada
- 11.3 Europe
 - 11.3.1 Germany
 - 11.3.2 UK

- 11.3.3 France
- 11.3.4 Italy
- 11.3.5 Spain
- 11.4 Asia Pacific
 - 11.4.1 China
 - 11.4.2 India
 - 11.4.3 Japan
 - 11.4.4 South Korea
 - 11.4.5 Australia
- 11.5 Latin America
 - 11.5.1 Brazil
 - 11.5.2 Mexico
- 11.6 MEA
 - 11.6.1 Saudi Arabia
 - 11.6.2 UAE
 - 11.6.3 South Africa

CHAPTER 12 COMPANY PROFILES

- 12.1 Alfa Laval AB
- 12.2 Busch Vacuum Solutions
- 12.3 Cameron International Corporation
- 12.4 Dover Corporation
- 12.5 Flowserve Corporation
- 12.6 Gardner Denver
- 12.7 Gorman-Rupp Company
- 12.8 Grundfos Holding A/S
- 12.9 HNP Mikrosysteme GmbH
- 12.10 Ingersoll Rand
- 12.11 KSB SE & Co. KGaA
- 12.12 Parker Hannifin Corporation
- 12.13 Schroeder Industries
- 12.14 SPX Flow Technology
- 12.15 Sulzer Ltd.
- 12.16 Weir Group PLC
- 12.17 Xylem Inc.

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