

# **Centrifugal Pump Market Report by Impeller Type (Overhung Impeller, Vertically Suspended, Between Bearing), Stage (Single Stage Pump, Two Stage Pump, Multi-Stage Pump), Flow Type (Axial Flow Pumps, Radial Flow Pumps, Mixed Flow Pumps), Capacity (Small Capacity, Medium Capacity, High Capacity), End-User (Chemicals, Oil and Gas, Power Generation, Construction, Pharmaceuticals, Food and Beverages, Metals and Mining, Water and Wastewater, and Others), and Region 2024-2032**

<https://marketpublishers.com/r/C262852D2327EN.html>

Date: July 2024

Pages: 147

Price: US\$ 3,899.00 (Single User License)

ID: C262852D2327EN

## **Abstracts**

The global centrifugal pump market size reached US\$ 32.3 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 47.2 Billion by 2032, exhibiting a growth rate (CAGR) of 4.2% during 2024-2032.

A centrifugal pump is a mechanical device that is designed to increase the pressure of fluids during transportation. It converts the rotational kinetic energy to hydrodynamic energy, which is used for accelerating fluids, such as chemicals, water, wastewater, sludge treatment liquids, bleaches, oil and resins. The fluid enters the pump impeller, which is placed near the rotating axis and is accelerated and moved radially into a diffuser, from where it exits. Some of the common types of centrifugal pumps include single-stage, multi-stage, axial, submersible, circular flow and mixed flow pumps. These pumps offer steady delivery, convenience for operation, vertical or horizontal mounting, high-speed movements and minimal maintenance requirements.

Rapid industrialization, along with increasing product demand from the wastewater treatment sector, is among the key factors driving the growth of the market. Furthermore, the growing need to replace existing industrial pumps in the pharmaceutical and food and beverage industries is also providing a boost to the market growth. In line with this, there is widespread product adoption in the oil and gas industry for conducting exploratory activities in offshore and deep-water fields across the globe. Additionally, various technological advancements, such as the development of 3D printed impellers and the utilization of modeling software, is acting as another growth-inducing factor. These advancements aid in enhancing the performance of the pumps, minimizing production costs and delivering a higher flow rate and outlet pressure. Other factors, including the growing demand for energy-efficient centrifugal pumps and increasing investments for desalination in industrial plants, are projected to drive the market further.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global centrifugal pump market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on impeller type, stage, flow type, capacity and end-user.

#### Breakup by Impeller Type:

- Overhung Impeller
- Vertically Suspended
- Between Bearing

#### Breakup by Stage:

- Single Stage Pump
- Two Stage Pump
- Multi-Stage Pump

#### Breakup by Flow Type:

- Axial Flow Pumps
- Radial Flow Pumps
- Mixed Flow Pumps

#### Breakup by Capacity:

Small Capacity  
Medium Capacity  
High Capacity

Breakup by End-User:

Chemicals  
Oil and Gas  
Power Generation  
Construction  
Pharmaceuticals  
Food and Beverages  
Metals and Mining  
Water and Wastewater  
Others

Breakup by Region:

North America  
United States  
Canada  
Asia Pacific  
China  
Japan  
India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America

Brazil

Mexico

Others

Middle East and Africa

#### Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Baker Hughes (A GE Company), Circor International Inc., Ebara Corporation, Flowserve, Grundfos Holding, ITT Corporation, Pentair Inc., Someflu, Tsurumi Manufacturing Co. Ltd., Weir, Wilo SE, Xylem Inc., etc.

#### Key Questions Answered in This Report:

How has the global centrifugal pump market performed so far and how will it perform in the coming years?

What are the key regional markets?

What has been the impact of COVID-19 on the global centrifugal pump market?

What is the breakup of the market based on the impeller type?

What is the breakup of the market based on the stage?

What is the breakup of the market based on the flow type?

What is the breakup of the market based on the capacity?

What is the breakup of the market based on the end-user?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global centrifugal pump market and who are the key players?

What is the degree of competition in the industry?

## Contents

### **1 PREFACE**

### **2 SCOPE AND METHODOLOGY**

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
  - 2.3.1 Primary Sources
  - 2.3.2 Secondary Sources
- 2.4 Market Estimation
  - 2.4.1 Bottom-Up Approach
  - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

### **3 EXECUTIVE SUMMARY**

### **4 INTRODUCTION**

- 4.1 Overview
- 4.2 Key Industry Trends

### **5 GLOBAL CENTRIFUGAL PUMP MARKET**

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

### **6 MARKET BREAKUP BY IMPELLER TYPE**

- 6.1 Overhung Impeller
  - 6.1.1 Market Trends
  - 6.1.2 Market Forecast
- 6.2 Vertically Suspended
  - 6.2.1 Market Trends
  - 6.2.2 Market Forecast
- 6.3 Between Bearing

- 6.3.1 Market Trends
- 6.3.2 Market Forecast

## **7 MARKET BREAKUP BY STAGE**

- 7.1 Single Stage Pump
  - 7.1.1 Market Trends
  - 7.1.2 Market Forecast
- 7.2 Two Stage Pump
  - 7.2.1 Market Trends
  - 7.2.2 Market Forecast
- 7.3 Multi-Stage Pump
  - 7.3.1 Market Trends
  - 7.3.2 Market Forecast

## **8 MARKET BREAKUP BY FLOW TYPE**

- 8.1 Axial Flow Pumps
  - 8.1.1 Market Trends
  - 8.1.2 Market Forecast
- 8.2 Radial Flow Pumps
  - 8.2.1 Market Trends
  - 8.2.2 Market Forecast
- 8.3 Mixed Flow Pumps
  - 8.3.1 Market Trends
  - 8.3.2 Market Forecast

## **9 MARKET BREAKUP BY CAPACITY**

- 9.1 Small Capacity
  - 9.1.1 Market Trends
  - 9.1.2 Market Forecast
- 9.2 Medium Capacity
  - 9.2.1 Market Trends
  - 9.2.2 Market Forecast
- 9.3 High Capacity
  - 9.3.1 Market Trends
  - 9.3.2 Market Forecast

## **10 MARKET BREAKUP BY END-USER**

### 10.1 Chemicals

10.1.1 Market Trends

10.1.2 Market Forecast

### 10.2 Oil and Gas

10.2.1 Market Trends

10.2.2 Market Forecast

### 10.3 Power Generation

10.3.1 Market Trends

10.3.2 Market Forecast

### 10.4 Construction

10.4.1 Market Trends

10.4.2 Market Forecast

### 10.5 Pharmaceuticals

10.5.1 Market Trends

10.5.2 Market Forecast

### 10.6 Food and Beverages

10.6.1 Market Trends

10.6.2 Market Forecast

### 10.7 Metals and Mining

10.7.1 Market Trends

10.7.2 Market Forecast

### 10.8 Water and Wastewater

10.8.1 Market Trends

10.8.2 Market Forecast

### 10.9 Others

10.9.1 Market Trends

10.9.2 Market Forecast

## **11 MARKET BREAKUP BY REGION**

### 11.1 North America

11.1.1 United States

11.1.1.1 Market Trends

11.1.1.2 Market Forecast

11.1.2 Canada

11.1.2.1 Market Trends

11.1.2.2 Market Forecast

## 11.2 Asia Pacific

### 11.2.1 China

11.2.1.1 Market Trends

11.2.1.2 Market Forecast

### 11.2.2 Japan

11.2.2.1 Market Trends

11.2.2.2 Market Forecast

### 11.2.3 India

11.2.3.1 Market Trends

11.2.3.2 Market Forecast

### 11.2.4 South Korea

11.2.4.1 Market Trends

11.2.4.2 Market Forecast

### 11.2.5 Australia

11.2.5.1 Market Trends

11.2.5.2 Market Forecast

### 11.2.6 Indonesia

11.2.6.1 Market Trends

11.2.6.2 Market Forecast

### 11.2.7 Others

11.2.7.1 Market Trends

11.2.7.2 Market Forecast

## 11.3 Europe

### 11.3.1 Germany

11.3.1.1 Market Trends

11.3.1.2 Market Forecast

### 11.3.2 France

11.3.2.1 Market Trends

11.3.2.2 Market Forecast

### 11.3.3 United Kingdom

11.3.3.1 Market Trends

11.3.3.2 Market Forecast

### 11.3.4 Italy

11.3.4.1 Market Trends

11.3.4.2 Market Forecast

### 11.3.5 Spain

11.3.5.1 Market Trends

11.3.5.2 Market Forecast

### 11.3.6 Russia



- 11.3.6.1 Market Trends
- 11.3.6.2 Market Forecast
- 11.3.7 Others
  - 11.3.7.1 Market Trends
  - 11.3.7.2 Market Forecast
- 11.4 Latin America
  - 11.4.1 Brazil
    - 11.4.1.1 Market Trends
    - 11.4.1.2 Market Forecast
  - 11.4.2 Mexico
    - 11.4.2.1 Market Trends
    - 11.4.2.2 Market Forecast
  - 11.4.3 Others
    - 11.4.3.1 Market Trends
    - 11.4.3.2 Market Forecast
- 11.5 Middle East and Africa
  - 11.5.1 Market Trends
  - 11.5.2 Market Breakup by Country
  - 11.5.3 Market Forecast

## **12 SWOT ANALYSIS**

- 12.1 Overview
- 12.2 Strengths
- 12.3 Weaknesses
- 12.4 Opportunities
- 12.5 Threats

## **13 VALUE CHAIN ANALYSIS**

## **14 PORTERS FIVE FORCES ANALYSIS**

- 14.1 Overview
- 14.2 Bargaining Power of Buyers
- 14.3 Bargaining Power of Suppliers
- 14.4 Degree of Competition
- 14.5 Threat of New Entrants
- 14.6 Threat of Substitutes

## 15 PRICE ANALYSIS

## 16 COMPETITIVE LANDSCAPE

### 16.1 Market Structure

### 16.2 Key Players

### 16.3 Profiles of Key Players

#### 16.3.1 Baker Hughes (A GE Company)

##### 16.3.1.1 Company Overview

##### 16.3.1.2 Product Portfolio

#### 16.3.2 Circor International, Inc.

##### 16.3.2.1 Company Overview

##### 16.3.2.2 Product Portfolio

##### 16.3.2.3 Financials

##### 16.3.2.4 SWOT Analysis

#### 16.3.3 Ebara Corporation

##### 16.3.3.1 Company Overview

##### 16.3.3.2 Product Portfolio

##### 16.3.3.3 Financials

##### 16.3.3.4 SWOT Analysis

#### 16.3.4 Flowserve

##### 16.3.4.1 Company Overview

##### 16.3.4.2 Product Portfolio

##### 16.3.4.3 Financials

##### 16.3.4.4 SWOT Analysis

#### 16.3.5 Grundfos Holding

##### 16.3.5.1 Company Overview

##### 16.3.5.2 Product Portfolio

##### 16.3.5.3 Financials

##### 16.3.5.4 SWOT Analysis

#### 16.3.6 ITT Corporation

##### 16.3.6.1 Company Overview

##### 16.3.6.2 Product Portfolio

#### 16.3.7 Pentair Inc.

##### 16.3.7.1 Company Overview

##### 16.3.7.2 Product Portfolio

#### 16.3.8 Someflu

##### 16.3.8.1 Company Overview

##### 16.3.8.2 Product Portfolio

- 16.3.8.3 Financials
- 16.3.9 Tsurumi Manufacturing Co. Ltd.
  - 16.3.9.1 Company Overview
  - 16.3.9.2 Product Portfolio
  - 16.3.9.3 Financials
- 16.3.10 Weir
  - 16.3.10.1 Company Overview
  - 16.3.10.2 Product Portfolio
- 16.3.11 Wilo SE
  - 16.3.11.1 Company Overview
  - 16.3.11.2 Product Portfolio
  - 16.3.11.3 Financials
- 16.3.12 Xylem Inc.
  - 16.3.12.1 Company Overview
  - 16.3.12.2 Product Portfolio
  - 16.3.12.3 Financials
  - 16.3.12.4 SWOT Analysis

## I would like to order

Product name: Centrifugal Pump Market Report by Impeller Type (Overhung Impeller, Vertically Suspended, Between Bearing), Stage (Single Stage Pump, Two Stage Pump, Multi-Stage Pump), Flow Type (Axial Flow Pumps, Radial Flow Pumps, Mixed Flow Pumps), Capacity (Small Capacity, Medium Capacity, High Capacity), End-User (Chemicals, Oil and Gas, Power Generation, Construction, Pharmaceuticals, Food and Beverages, Metals and Mining, Water and Wastewater, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/C262852D2327EN.html>

Price: US\$ 3,899.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C262852D2327EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below  
and fax the completed form to +44 20 7900 3970