

Global Gate Impellers Market Size study & Forecast, by Industry (Oil & gas, Chemical, Food & beverage, Agriculture, Paints & coatings, Pharmaceutical, Water and wastewater treatment, Cosmetics, Others), By Application (Heat transfer, Fluid mixing, Dissolution, Others), By Arm Type (Cross arm gate impellers, Helical gate impellers, others), and Regional Analysis, 2022-2029

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Abstracts

Global Gate Impellers Market is valued at approximately USD XXX million in 2021 and is anticipated to grow with a healthy growth rate of more than XXX over the forecast period 2022-2029. Gate impellers, also known as anchor impellers, are large rotating devices that are designed to fit the contour of a vessel and are used for mixing fluids under laminar flow conditions. Gate impellers are typically utilized for the heat transfer of highly viscous fluids. Gate impellers are used in a wide range of industries, including petrochemicals, food and beverage, agriculture, paints and coatings, pharmaceutical, water and wastewater management, among others, where the mixing of fluids and slurries is a crucial component of carrying out daily operations. Gate impellers function on highly viscous fluids in the range of 5,000 to 100,000 cp, which makes them slower than regular impellers. The market demand is primarily driven by factors such as the growing demand for mixing equipment that can handle complex mixing tasks, such as high-viscosity liquids, high-solid-content slurries, and gas-liquid mixing. Gate impellers are capable of handling these demanding mixing applications, Food and beverage industry is experiencing significant growth globally, which is driving the demand for gate impellers that can handle the mixing of food products, such as sauces, soups, and beverages.

In addition, the demand for wastewater treatment is increasing due to the growing awareness of the need to conserve water resources and protect the environment. Gate impellers are effective in mixing and aerating wastewater, which is driving their demand in the market. According to United Nations Water, in 2020, 56% of the world's domestic wastewater flows were safely treated (extrapolated from data from 128 countries representing 80 per cent of the global population). Significant variations in the regional percentages of household wastewater safely treated were found (ranging from 25% to 80% by SDG region), showing that global development is still uneven, thus, in turn, these factors are likely to escalate the demand for gate impellers in the global market. Furthermore, there is a growing focus on energy efficiency in various industries, which is driving the demand for energy-efficient mixing equipment. Gate impellers are capable of providing high-performance mixing while minimizing energy consumption, which is making them a popular choice for industries that are looking for energy-efficient solutions, as well as Advancements in material technology are creating new opportunities for the gate impellers market. New materials, such as composites and ceramics, are being developed that are more wear-resistant, corrosion-resistant, and have longer lifetimes, which is making them ideal for use in gate impellers which are presenting lucrative opportunities for market growth over the forthcoming years. However, gate impellers require regular maintenance and cleaning to ensure their optimal performance. This can be time-consuming and costly, which may deter some customers from investing in gate impellers restricting the market growth over the forecast period of 2022-2029.

The key regions considered for the Global Gate Impellers Market study include Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the demand for efficient mixing solutions in various industries, such as chemical, food and beverage, and pharmaceutical. The presence of established players in the region, along with the adoption of advanced technology. Asia Pacific is also expected to grow at the highest growth rate over the forecasting period. Factors such as increasing demand for high-performance mixing equipment in the food and beverage and pharmaceutical industries. The stringent environmental regulations imposed by the European Union are also driving the demand for energy-efficient mixing solutions burgeoning the market growth in the forecasting years.

Major market players included in this report are:

MGT Liquid & Process Systems

ProQuip Inc.

JM Engineering Pty. Ltd
Fusion Fluid Equipment LLC
SPX Flow Inc.
Mixer Direct Inc.
EKATO HOLDING GmbH
Statiflo Group LTD
Brawn Mixer Inc.
Marion Process Solutions

Recent Developments in the Market:

In August 2022, SPX FLOW, Inc., a leading source of process solutions for the industrial, nutrition, and health markets, announced a new relationship with Flottweg, a family-owned firm specialising in separation technology. The alliance will benefit from SPX FLOW's exceptional expertise in process technologies such as mixing, blending, separation, heat treatment, fermentation, evaporation, spray drying, membranes, and homogenization. With a particular focus on food processing, Flottweg has 70 years of expertise in inventing and producing separation technology. The collaboration enables both businesses to develop complete plant-based process solutions for clients in the dietary supplement, health, food, and beverage sectors.

Global Gate Impellers Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Industry, Application, Arm Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key

players. The detailed segments and sub-segment of the market are explained below:

By Industry:

- Oil & gas
- Chemical
- Food & beverage
- Agriculture
- Paints & coatings
- Pharmaceutical
- Water and wastewater treatment
- Cosmetics
- Others

By Application:

- Heat transfer
- Fluid mixing
- Dissolution
- Others

By Arm Type:

- Cross arm gate impellers
- Helical gate impellers
- Others

By Region:

- North America
- U.S.
- Canada
- Europe
- UK
- Germany
- France
- Spain
- Italy
- ROE
- Asia Pacific
- China
- India
- Japan

Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
ROLA
Rest of the World

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