

## **Asia-Pacific Industrial Pumps - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)**

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### **Report description:**

The Asia-Pacific Industrial Pumps Market is expected to register a CAGR of 4.9% during the forecast period.

#### Key Highlights

- In the Asia Pacific, the demand for industrial pumps is driven by increasing investments towards building and construction along with water infrastructure, with consistent expansion in access to water supply and sanitation systems. This has led to an increase in the utilization of pumps across various end-use industries like chemical and wastewater treatment plants and general industries like mining, pulp, paper manufacturing, food and beverages, and power generation.
- As per a recent Radio Free Asia (RFA) report, a new hydropower project is expected to be undertaken on the mainstream of the Mekong River. The USD 2.4 billion projects are being developed by Thailand's Charoen Energy and Water Asia (CEWA) and, if approved, will be built by two South Korean construction companies, Korea Western Power (KOWEPO) and Doosan Heavy Industries & Construction. If approved, the project is scheduled to be completed in 2029. Such developments will propel the demand for industrial pumps.
- Further, the technological advancements in manufacturing and the combination of 3D printing technology with computer modeling is another primary factor driving the market's growth. With the increased adoption of digital solutions such as IoT, data analysis, and network connectivity, the industrial pump market is resorting to digitalization for better water management, identifying faults, and capturing live data with the help of a remote monitoring option.
- The increase in COVID-19 cases in the Asia Pacific region and the consequent restrictions imposed on various activities have severely impacted the industrial pumps market. A decline in pump consumption and the restriction on construction activities hampered the market growth. However, with restrictions easing up, the market is expected to recover in the coming years.
- Over the past couple of years, the rising costs of raw materials such as steel, copper, and aluminum, have pushed up the prices of industrial pumps in the region. However, customers' inclination toward low-cost products might act as a restraint for the market

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growth.

## Asia-Pacific Industrial Pumps Market Trends

### Centrifugal Segment to Hold Significant Market Share

- Centrifugal pumps are hydraulically operated machines, and their primary purpose is to transfer fluids through increased pressure. Centrifugal pumps are currently used across many domestic and industrial processes. Different types of centrifugal pumps are required to effectively meet pumping requirements, from supplying the water used in residential buildings to industrial applications like food, beverage, and chemical manufacturing.
- A typical centrifugal pump setup comprises one or more impellers attached to a rotary pump shaft. This arrangement provides the energy required to conduct fluid through the pump system and the associated piping. Centrifugal pumps can be further classified into Single-stage or multistage, depending on the number of impellers present within their setup.
- Increasing mining activities in the Asia Pacific region is a crucial factor driving the demand for centrifugal pumps. Mining activities like transportation of ore and waste in slurries and suspension, separation of minerals using chemical processes, controlling temperature via cooling systems around power generators, suppression of dust during mineral processing, and dewatering of mines require enormous volumes of water. Centrifugal pumps play an integral role in these applications.
- Moreover, with the increasing rate of industrialization and urbanization, coupled with the growing need for energy, the demand for minerals is expected to rise significantly in the years ahead, which would fuel the adoption of centrifugal pumps in the Asia Pacific region.
- In December 2021, Grundfos announced the launch of its new generation of large CR pumps, a range of vertical multistage centrifugal inline pumps, in India. This new large range of CRs brings an increased maximum water flow of up to 320 m<sup>3</sup>/h and is suitable for various water supply and water treatment applications.

### China Market to Grow Significantly

- The Chinese industrial pumps market is witnessing a significant growth driven by infrastructure development in related processing industries and many large construction project launches. The robust investments into infrastructure in China are expected to aid the increase of industrial output, driving the growth of industrial pumps.
- For instance, in June 2021, China launched two units of a massive hydropower station in the country's southwest, which is also assumed to be the world's largest hydropower project. The project is under construction and costs about USD 34 billion.
- Further, the growth of the food and beverage industry due to the increasing population in China is also accelerating the demand for industrial pumps. For instance, in 2021, major beverage producers saw their output rise by 12% year-on-year to over 183 million metric tons, according to the Ministry of Industry and Information Technology.
- Industrial pumps are used across the food and beverage industries to transfer, mix and dose fluid and semi-fluid substances in processing and production applications. These pumps are manufactured from food-grade materials and have smooth surfaces to prevent contamination from food and bacteria buildup.
- Further, in July 2021, Hefei Ebara Precision Machinery Co. Ltd. (HEPM) officially opened its new vacuum pump overhaul facility in Hefei, China, after an investment of CNY 94.8 million.

## Asia-Pacific Industrial Pumps Industry Overview

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The Asia-Pacific Industrial Pumps market is moderately competitive and consists of some influential players. These businesses leverage strategic collaborative actions to improve their market percentage and enhance profitability.

- January 2022 - Sulzer extended its portfolio of clean water pumps with the launch of the SES and SKS ranges. These new EN733 standard pumps are suitable for use in municipalities, water treatment facilities, and commercial and irrigation applications. With a robust cast iron casing and a choice of cast iron, stainless steel, or bronze impellers, the new units are supplied as a complete package, including the motor.
- November 2021 - Ebara Corporation, along with a Japanese university, the Muroran Institute of Technology (MuroranIT), and Interstellar Technologies Inc. (IST), a Japanese NewSpace company, started the development of a turbo pump for a rocket that will launch an ultra-compact satellite into space.

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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