

Industrial Valves - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts (2025 - 2030)

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Report description:

The Industrial Valves Market size is estimated at USD 74.18 billion in 2025, and is expected to reach USD 92.53 billion by 2030, at a CAGR of 4.52% during the forecast period (2025-2030).

The oil and gas industry is one of the key industries that use valves. The industry was negatively impacted during the lockdown because of the outbreak of the COVID-19 pandemic in 2020. Owing to the global rise in vaccinations and government initiatives to boost the economy, the oil and gas industry started to recover with other industries, leading to increased demand for industrial valves.

Over the short term, the major factors driving the market studied are the growing demand from the power and chemical industries. The increase in demand for desalination activity has also driven the market's growth.

However, stagnant industrial growth in developed countries is expected to hinder the growth of the market studied.

Nevertheless, an increase in demand for automatic valves is expected to increase the demand for industrial valves over the forecast period.

The Asia-Pacific region is expected to dominate the market and register the highest CAGR during the forecast period.

Industrial Valves Market Trends

Increasing Demand from the Power Industry

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- In the power industry, valves are used for various applications, such as boiler startups, feed pump recirculation, steam conditioning, and turbine bypass.
- For instance, valves in the condensate system control and regulate the additional flow required for a fluid recirculation condensate pump. Furthermore, valves control the deaerator level for the feedwater heater.
- In the power industry's feedwater system, valves are used for boiler feed pump recirculation. The valve plays a key role in this scenario, as it should be operated in on-off and modulating service.
- Additionally, in mainstream systems, the valves are used for superheaters, turbine bypass, superheater bypass, etc. A modulating valve is used for controlling pressure.
- The global electricity demand is estimated to grow by 75% by 2030. Although renewable energy is proliferating, the scale of electricity produced by it is not enough to satiate the rapidly growing demand.
- According to the World Energy Outlook- International Energy Agency forecast, more than 2,457 gigawatts (GW) of power capacity is expected to be installed worldwide over the next 25 years.
- For instance, according to the Union Power and New & Renewable Energy Minister of India, the country will likely achieve its 500GW renewable energy target before the 2030 deadline. As of 2023, India had 424 GW of power generation capacity, which included around 180 GW from non-fossil fuels and another 88 GW in the works.
- Hence, the globally growing demand for power will significantly increase the power industry's demand for industrial valves during the forecast period.

Asia-Pacific Region to Dominate the Market

- The Asia-Pacific region dominates the global market share. With growing oil and gas industrial activities and the increasing need for water treatment in countries such as China, India, and Japan, the usage of industrial valves is increasing in the region.
- The Asia-Pacific region is the leading contributor to the world's specialty chemicals economy, holding a significant revenue share of nearly 36%.
- Southeast Asia started a total of 54 oil and gas projects across six countries for the timeline 2021 to 2025. Together, they would represent about 223,000 barrels per day of global crude production and about 8.1 billion cubic feet per day of global gas production in 2025.
- Wastewater treatment plants are also being increasingly produced following massive industrialization in countries such as China, India, and the ASEAN region. For instance, according to the Department for Promotion of Industry and Internal Trade of India, the annual growth rate for industrial production in India registered a growth rate of over 11% in the financial year 2022.
- Moreover, in 2024, the government of Delhi, India, worked towards building Asia's largest wastewater treatment plant, with a sewage water treatment capacity of about 564 million liters per day (MLD).
- The factors mentioned above, coupled with government support, are expected to contribute to the increasing demand for industrial valves consumption in the region during the forecast period.

Industrial Valves Industry Overview

The industrial valves market is highly fragmented, with the top ten players accounting for less than 15% of the total market share. The major companies (not in any particular order) include SLB, Emerson Electric Co., Flowserve Corporation, IMI, and Crane Co., among others.

Additional Benefits:

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

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