

Global Fluid Power Equipment Market Size study & Forecast, by Product (Hydraulics, Pneumatics, Other), by Application (Energy generation, Transferring liquid and gases, Others), by End user (Agricultural, Aerospace, Automotive, Construction, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Fluid Power Equipment Market is valued at approximately USD xx billion in 2022 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2023-2030. Fluid power equipment refers to machines and devices that use pressurized fluids, typically either hydraulic or pneumatic, to transmit power and perform mechanical work. This technology is widely used in various industries due to its efficiency, precision, and versatility. The Fluid Power Equipment Market is expanding because of factors such as the rising need for wastewater treatment and the increasing demand for energy. As a result, the demand for Fluid Power Equipment has progressively increased in the international market during the forecast period 2023-2030.

Governments and environmental agencies are imposing stricter regulations on wastewater discharge quality. To comply with these regulations, industries and municipalities are investing in advanced wastewater treatment technologies. Fluid power equipment plays a critical role in these processes by providing the necessary power and control for efficient treatment. According to Statista, the global water and wastewater treatment equipment market size was valued at USD 63.5 billion in 2022. The market value is expected to grow to a value of almost USD 90 billion by 2030, growing at a CAGR of 4.5% between 2023 and 2030. Furthermore, the industrial wastewater treatment market is expected to grow to USD 15 billion by 2024. Another

important factor that drives the Fluid Power Equipment Market is the increasing demand for energy. Hydroelectric power plants generate electricity by harnessing the energy of flowing water. Fluid power equipment, such as hydraulic turbines and generators, are core components of these facilities. Increased hydroelectricity consumption leads to the construction and expansion of hydroelectric power plants, thereby boosting the demand for fluid power equipment. In addition, as per Statista, global hydroelectricity consumption accounts for 38 exajoules in 2019 and is projected to reach up to 44 exajoules by 2030. Moreover, rising investments in developing energy-efficient solutions and rising hydrocarbon exploration & production activities are anticipated to create lucrative growth opportunities for the market over the forecast period. However, high capital investment in fluid power equipment and technical complexity is going to impede overall market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Fluid Power Equipment Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the increasing demand for modernization of existing infrastructure in the region. The region's dominant performance is anticipated to propel the overall demand for Fluid Power Equipment. Asia Pacific is expected to grow fastest over the forecast period, owing to factors such as a rapidly growing population along with increasing demand for energy in the region.

Major market player included in this report are:

Bosch Rexroth Corporation

Eaton Corporation

Parker Hannifin Corporation

Kawasaki Heavy Industries, Ltd

Fluid-Power Equipment Inc

Sparrows Group

Fluid Systems Inc

Kent Fluid Power Ltd

Moog Inc

Daikin Industries, Ltd

Recent Developments in the Market:

In May 2023, Hydrotech, Inc. acquired Isaacs Fluid Power Equipment Company, in a strategic move that aligns with the company's mission to advance industrial equipment modernization and enhance operational efficiency through their extensive application knowledge, technical expertise, and dependable service. This acquisition strengthens Hydrotech's capabilities and extends its geographical footprint in the field of fluid power solutions within the Midwest. As a result of this acquisition, Isaacs is going to continue its operations as a division under Hydrotech, which is itself a part of the FSC group of companies.

Global Fluid Power Equipment Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered - Product, Application, End user, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

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 Product

Hydraulics

Pneumatics

Other

By Application

Energy generation

Transferring liquid and gases

Others

By End user

Agricultural

Aerospace

Automotive

Construction

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

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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