

Global Hydraulic Pumps Market Size Study, By Type (Gear Pump, Vane Pump, Piston Pump, Screw Pump, Others), By Operating Pressure (Up To 3000 PSI, 3001 To 6000 PSI, Above 6000 PSI), By End-Use (Construction, Automotive, Agriculture, Mining, Oil & Gas, Industrial Machinery, Others) and Regional Forecasts 2022-2032

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Abstracts

The global Hydraulic Pumps Market was valued at approximately USD 10.52 billion in 2023 and is anticipated to expand at a compound annual growth rate (CAGR) of 3.9% over the forecast period 2024-2032. Hydraulic pumps play an indispensable role in fluid power systems, enabling industries to efficiently convert mechanical energy into hydraulic energy for various applications. As industries such as construction, automotive, agriculture, mining, and manufacturing increasingly integrate hydraulic solutions, the demand for advanced energy-efficient, high-performance, and durable hydraulic pumps continues to surge. The global shift towards automation and smart hydraulic systems is fostering innovation in pump designs, leading to enhanced precision, reduced operational costs, and optimized performance across multiple sectors.

The construction industry remains one of the largest consumers of hydraulic pumps, with growing investments in infrastructure development, urbanization projects, and heavy-duty equipment fueling market expansion. The automotive sector is also experiencing an uptrend in demand, particularly with the increasing adoption of electric and hybrid vehicles (EVs) that incorporate electro-hydraulic systems to improve energy efficiency and vehicle performance. Additionally, the agriculture industry is leveraging hydraulic pumps for modern irrigation systems, precision farming, and automated

equipment, ensuring enhanced crop productivity and water conservation.

Despite the optimistic growth trajectory, the market faces certain challenges such as high maintenance costs, stringent regulatory mandates, and competition from alternative power systems (electric and pneumatic solutions). However, technological advancements in variable displacement pumps, AI-integrated predictive maintenance, and real-time monitoring systems are expected to address these concerns, making hydraulic systems more efficient, cost-effective, and environmentally sustainable. Moreover, the transition towards bio-based hydraulic fluids and green energy-powered hydraulic solutions presents significant opportunities for industry players to align with sustainability goals and regulatory compliance frameworks.

Geographically, Asia Pacific dominates the hydraulic pumps market, with China, India, and Japan leading in terms of revenue generation, primarily due to rapid industrialization, infrastructure expansion, and manufacturing growth. North America and Europe also account for substantial market shares, driven by advanced manufacturing capabilities, robust industrial automation, and strong investments in smart factory solutions. The Middle East & Africa and Latin America markets are projected to experience steady growth, propelled by oil & gas exploration projects, mining activities, and urban infrastructure development.

Major Market Players Included in this Report Are:

Parker Hannifin Corp

Bosch Rexroth Corporation

Eaton

Danfoss

Kawasaki Heavy Industries, Ltd.

HYDAC International GmbH

Bucher Hydraulics GmbH

LHY Powertrain GmbH & Co. KG

Shimadzu Corporation

DAIKIN INDUSTRIES, Ltd.

Yuken Kogyo Co., Ltd.

Casappa S.p.A

Actuant Corporation

Oilgear Company

Nachi-Fujikoshi Corporation

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

By Type:

Gear Pump

Vane Pump

Piston Pump

Screw Pump

Others

By Operating Pressure:

Up to 3000 PSI

3001 to 6000 PSI

Above 6000 PSI

By End-Use:

Construction

Automotive

Agriculture

Mining

Oil & Gas

Industrial Machinery

Others

By Region:**North America**

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Argentina

Rest of Latin America

Middle East & Africa

Saudi Arabia

UAE

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional-level analysis for each market segment.

Detailed analysis of geographical landscape with country-level breakdown.

Competitive landscape with key market player profiling.

Analysis of key business strategies and recommendations on future market approaches.

Analysis of competitive structure of the market.

Demand-side and supply-side analysis of the market.

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