

# Advancements in Fluid Power Technology Propel Hydraulic Power Market to New Heights by 2031

*Resilience in the Face of Challenges:  
Hydraulic Power Market Navigates Global  
Uncertainties*

WILMINGTON, DELAWARE, UNITED STATES, December 6, 2023

/EINPresswire.com/ -- In the dynamic sphere of energy solutions, the [Hydraulic Power market](#) spanning 2021 to 2031 emerges as a catalyst for transformative change. Anchored by technological advancements and a global shift toward sustainable

practices, hydraulic power takes center stage as a versatile and efficient source of energy. Positioned at the nexus of industrial automation and renewable energy, the market is witnessing a surge in demand, particularly in Asia-Pacific, where opportunities abound. Innovations in fluid power technology and smart hydraulic systems are not only enhancing operational efficiency but

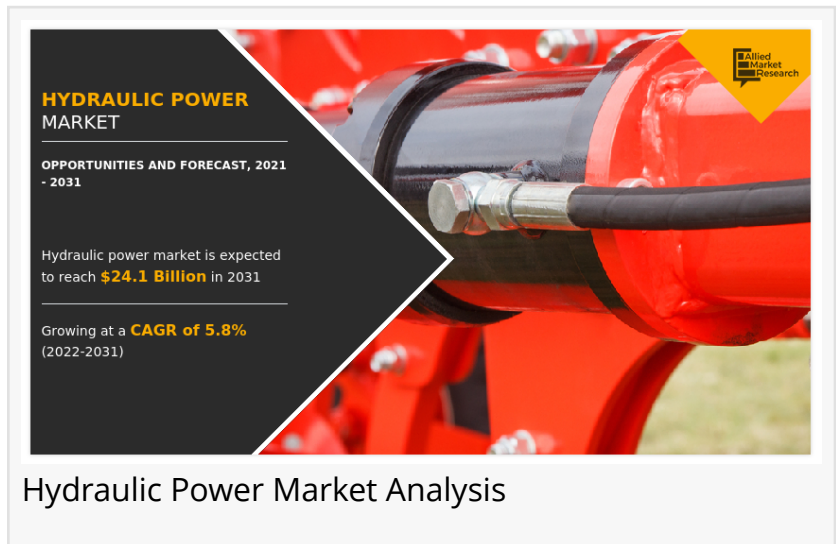
“

Growing industrial needs and rising robotics applications in material handling are major factors driving hydraulic power market expansion.”

*Allied Market Research*

also driving a paradigm shift toward sustainable hydraulics. As the world invests heavily in renewable energy infrastructure, hydraulic power plays a pivotal role, offering flexible and reliable solutions for decentralized power generation. The market's resilience in the face of global uncertainties, coupled with its role in fostering smart cities and contributing to Industry 4.0, solidifies its position as a cornerstone in shaping a more efficient, sustainable, and technologically advanced future.

The hydraulic power market size was valued at \$13.7 billion in 2021, and the hydraulic power market is estimated to reach \$24.1 billion by 2031, growing at a CAGR of 5.8% from 2022 to 2031.



Hydraulic power is a vital part of a hydraulic system as it can generate a significant quantum of power to initiate almost any type of hydraulic ram. They draw power using Pascal's law, i.e., through ratios of area and pressure. The hydraulic power industry includes applications such as machine tools, aerospace test equipment, automation systems, meat processing machinery, mobile equipment, rolling mill machinery, and material handling equipment. Also, they are applied in agricultural equipment, paper mill machinery, oil exploration, oil spill clean-up equipment, industrial process, marine equipment, construction equipment, and theatrical & production equipment.

The rise in construction and increase in production capacities of oil fields coupled with a surge in stress on the agricultural sector is projected to drive the demand for hydraulic equipment. It has witnessed considerable growth in the past decades since its implementation in hydraulic machinery. The rise in demand for these machinery and rapid industrialization across the globe are the factors expected to foster the growth of the hydraulic power market. However, an increase in demand for alternative power systems such as electromechanical and electric drives with efficient clean, and shorter lead times are some of the factors hampering the hydraulic power market growth.

For more information, visit our website:

<https://www.alliedmarketresearch.com/request-for-customization/17642>

For more information, visit our website:

The Hydraulic Power industry's key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

Some of the key players in the Hydraulic Power market are:

Bosch Rexroth AG  
Brevini Fluid Power S.p.A  
Nachi-Fujikoshi Corporation  
Parker Hannifin Corporation  
Weber Hydraulik GmbH  
Hydac International GmbH  
Hydro-Tek Co Ltd.  
Bailey International LLC  
Eaton Corporation  
Energy Manufacturing Company Inc.  
Hydromega  
Branch Hydraulic Systems Ltd.

Related Fluid Power Ltd.  
HCS Control Systems Ltd.  
Danfoss  
Siemens AG  
Daikin Industries

□□□□ □□□□□□: <https://www.alliedmarketresearch.com/press-release/hydraulic-power-market.html>

Hydraulic power consists of various components, such as a hydraulic motor and pump, reservoir/accumulators, and other accessories, such as filters, valves, tubes, regulators, and instruments used to monitor the performance of a hydraulic system. In 2021, there was a rapid increase in construction across the United States and Canada. The residential sector was a key driver of the increasing demand for more housing units needing hydraulic power. For instance, construction spending in the United States registered significant growth in 2021 compared to 2020. As of 2021, the average construction spending in the private sector was around USD 1230 billion and over USD 346 billion in the public sector, thus creating significant market demand for hydraulic power. Also, construction projects in Europe like Crossrail1, Crossrail2, Heathrow airport expansion, Hinkley Point C nuclear plant (UK), and Fehmarn Fixed Belt link (Denmark) are likely to increase the need for hydraulic power during the forecast period. In January 2020, there were nearly 343 pre-construction coal-powered thermal power plants worldwide. The pre-construction plants are estimated to have a capacity of around 299 GW, which may drive the hydraulic power market considerably.

The hydraulic power market forecast is segmented based on operating pressure, component, application, end-use, and region. Based on the operating pressure of hydraulic power, the market is segmented into 0-750 PSI, 750-2000 PSI, 2000-3000 PSI, and more than 3000 PSI. Based on components, it is classified into power components, control component, and auxiliary components. Based on application, the market is divided into cutting, grinding, milling, multi-tooling, forming, rubber & plastic, handling, simulation & testing, and others. Based on end-use, it is segmented into mobile, industrial, and others. Region-wise, the market is studied across North America, Europe, Asia-Pacific, and LAMEA. Presently, North America accounts for the largest share of the market, followed by Asia-Pacific and Europe.

□□□□□□ □□□□□□ □□□□□□: <https://www.alliedmarketresearch.com/purchase-enquiry/17642>

□□□ □□□□□□□□ □□ □□□ □□□□□:

- Japan contributes around 3.9% of the total hydraulic power market share and would exhibit a CAGR of 5.7% during 2022-2031.
- South Korea contributes around 2.51% of the total market share and would exhibit a CAGR of 7.0% during 2022-2031
- As per global hydraulic power market analysis, by operating pressure, the 2000-3000 PSI

segment accounted for the largest share of 46.2% in 2021.

- By component, auxiliary component was the leading segment in 2021 comprising 47.6% of market share in 2021.
- By application, the cutting segment occupied a market share of 27.5% and is the leading segment in 2021.
- By end use, the mobile segment was the highest revenue contributor in 2021 contributing a market share of 45.2% in 2021.
- By region, North America was the leading segment in 2021 expected to possess a CAGR of 5.2% during 2022-2031

□□□□□□□□ □□□□□□□□ □□ □□ □□□□□□ □□ □□□□□ □□□□□□□□□□:

□. □□□□□□□□□□ □□□□□□□□ □□□□□ □□□□□□ - <https://www.globenewswire.com/news-release/2023/01/18/2591031/0/en/Hydraulic-Workover-Units-Market-Is-Expected-to-Reach-11-Billion-by-2031-Allied-Market-Research.html>

□. □□□□□ □□□□□ □□□□□□□□□□□□ □□□□□□ - <https://www.globenewswire.com/news-release/2023/03/16/2628763/0/en/Power-Plant-Maintenance-Market-Is-Expected-to-Generate-33-2-Billion-by-2031-Allied-Market-Research.html>

□. □□□□□□□□ □□□□□□□□□□ □□□□□ □□□□□□□□□□ □□□□□□ - <https://www.globenewswire.com/news-release/2022/06/16/2464112/0/en/Oilfield-Auxiliary-Rental-Equipment-Market-Is-Expected-to-Reach-42-9-Billion-by-2030-AMR.html>

□□□□□ □□:

Allied Market Research is a top provider of market intelligence that offers reports from leading technology publishers. Our in-depth market assessments in our research reports take into account significant technological advancements in the sector. In addition to other areas of expertise, AMR focuses on the analysis of high-tech systems and advanced production systems. We have a team of experts who compile thorough research reports and actively advise leading businesses to enhance their current procedures. Our experts have a wealth of knowledge on the topics they cover. Also, they use a variety of tools and techniques when gathering and analyzing data, including patented data sources.

David Correa  
Allied Analytics LLP  
+ +1 800-792-5285

[email us here](#)

Visit us on social media:

[Facebook](#)

[Twitter](#)

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/673254008>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.