

Hydraulic Cylinder Market has witnessed a growth from USD 20.49 Billion from 2022 to 2030 with a highest 4.0% CAGR

Increasing applications of hydraulic cylinders in heavy equipment during construction activities is a major factor driving hydraulic cylinder market

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/EINPresswire.com/ -- The global [hydraulic cylinder market](#) size was USD 14.30 Billion in 2021 and is expected to register a revenue CAGR of 4% during the forecast period, according to latest analysis by Emergen Research.

Increasing application of hydraulic cylinders in heavy equipment employed during construction activities and increasing urbanization in emerging , such as India, China, and others, are major factors driving market revenue growth.

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Hydraulic Cylinder Market Size – USD 14.30 Billion in 2021, Market Growth – at a CAGR of 4.0%, Market Trends”

Emergen Research

In addition, the shipping industry is a major consumer of hydraulic cylinders due to its advantages associated with lifting heavy loads, which is another factor driving market revenue growth. Ongoing construction activities in various countries are gradually becoming more complex due to technicalities associated with it. Although, there had been a significant decline in construction activities during COVID-19 pandemic, but the market has regained its momentum as lockdown and trade restrictions have been

lifted.

Moreover, increasing support from governments in various countries has prompted this industry to rapidly adopt advanced construction equipment and develop sustainable infrastructure projects. In the construction industry, hydraulic cylinders are readily incorporated in machinery



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such as excavators, trenchers, road construction planners, and others. Furthermore, increasing preference is mainly due to their excellent resistance against corrosion, extreme temperatures, and weather changes. In shipping applications, hydraulic cylinders' aid in lifting compartments that weigh around 30 to 42 tons.

To get a sample copy of the global Hydraulic Cylinder market report, visit @ <https://www.emergenresearch.com/request-sample/1139>

However, risks associated with internal leakage is a major factor restraining market revenue growth. Hydraulic cylinders mostly operate with oil, therefore, leakage in internal components causes environmental contamination. In addition, industry professionals look for cleaner and safer alternatives, such as pneumatic cylinders and others, because it enables them to adhere to environmental standards implemented by governments in various countries. They can also stay compliant and achieve higher industry standards. Pneumatics are a cost-effective solution than hydraulic cylinders and incorporates pneumatic safety thereby making it ideal for an inflammable environment. Moreover, increasing focus on cleaner technologies is another major factor restraining market revenue growth.

Report Scope:

Historical Data: 2019-2020

Forecast Period: 2022-2030

CAGR: 4.0%

Base Year: 2021

Number of Pages: 250

Report Highlights:

The double-acting hydraulic cylinders segment accounted for a significant revenue share in 2021. Increasing demand for hydraulic cylinders that provide precise control and faster retraction is a major factor driving revenue growth of this segment. Double-acting hydraulic cylinders pump hydraulic fluid on both sides of the plunger. In addition, extra port allows more control over plunger and ensures it returns to its original position during retraction. Significant investments in advancement of existing farming technologies are among other factors driving revenue growth of this segment. For instance, on 3 June 2022, Power Farming, which is a leading manufacturer of tractors and heavy agricultural machinery headquartered in Auckland, New Zealand announced an addition to its Dutz Fahr tractor range. It is now designed and developed to suit a wide range of applications. This tractor incorporate front axle suspension with double-acting hydraulic cylinders for effective self-leveling among others.

The welded cylinders segment accounted for a significant revenue share in 2021. Increasing demand for high-performance and stable hydraulic cylinders that support heavy loads is a major factor driving revenue growth of this segment. Welded cylinders are also preferred by industry professionals as they offer design freedom and unlike tie-rod cylinders and withstand mechanical forces and offer various features. Market companies are significantly investing in research & development activities and offering their prospective clients customization options. This has further increased acceptance of welded cylinders among end-users in various regions. In addition, significant advancements in welded cylinders have increased their life expectancy and provide benefits such as automatic overload protection, speed control, and others.

The oil & gas segment accounted for a moderate revenue share in 2021. Rapid advancements in cylinder technology is a major factor driving market revenue growth in this segment. Oil & gas industries require hydraulic cylinders to explore and exploit resources located in deep water. In addition, market companies are focusing on developing large hydraulic cylinders that adhere to safety and latest industry standards. Advancements in hydraulic power unit also play a key role in driving market revenue growth in these industries. For instance, market companies are focusing on reducing the size of hydraulic cylinder by combining power unit with low displacement characteristic of helical actuators. Moreover, surface technologies that offer improved performance are in high demand in oil & gas industries.

The Europe market accounted for a moderate revenue share in 2021. Significant investments in research & development activities and increasing number of construction activities in various countries in this region are major factors driving market revenue growth in this region. Earthmoving equipment, such as excavators, backhoes, bulldozers, dump trucks, and others, incorporate hydraulic cylinders to improve performance and lifespan of machinery. In addition, hydraulics enables construction equipment to lift loads that are heavier. Increasing presence of Original Equipment Manufacturers (OEMs) in countries, such as Germany, the UK, Spain, and others, has also contributed to market revenue growth.

On 27 October 2021, Dellner Bubenzer, a Germany-based leading designer and manufacturer of braking systems for use in various industries, announced t to acquire Hydratech Industries, a global supplier of hydraulic components headquartered in Singapore. This acquisition will expand Dellner's offerings to global consumers and complement Dellner's groundbreaking invention of electrohydraulic BUEL thruster system.

Regional Overview:

The global Hydraulic Cylinder market has been categorized on the basis of key geographical regions into North America, Asia Pacific, Europe, Latin America, and Middle East & Africa. It evaluates the presence of the global Hydraulic Cylinder market in the major regions with regards to market share, market size, revenue contribution, sales network and distribution channel, and other key elements.

Leading companies profiled in the report:

Enerpac Tool Group, Bosch Rexroth AG, Caterpillar, Eaton, KYB Corporation, Parker Hannifin Corp, SMC Corporation, Hengli hydraulic, Hydac International GmbH, Standex International Corporation, Texas Hydraulics, and Weber-Hydraulic GmbH

Get access to the full description of the report @ <https://www.emergenresearch.com/industry-report/hydraulic-cylinder-market>

Market Segmentations of the Hydraulic Cylinder Market

This market is segmented based on Types, Applications, and Regions. The growth of each segment provides accurate forecasts related to production and sales by Types and Applications, in terms of volume. This analysis can help readers looking to expand their business by targeting emerging and niche markets. Market share data is given on both global and regional levels. Regions covered in the report are North America, Europe, Asia Pacific, Latin America, and Middle East & Africa. Research analysts assess the market positions of the leading competitors and provide competitive analysis for each company. For this study, this report segments the global Hydraulic Cylinder market on the basis of product, application, and region:

Segments Covered in this report are:

Function Outlook (Revenue, USD Billion; 2019-2030)

Double-Acting Hydraulic Cylinders

Single-Acting Hydraulic Cylinders

Specification Outlook (Revenue, USD Billion; 2019-2030)

Welded Cylinders

Tie Rod Cylinders

Telescopic Cylinders

Mill Type Hydraulic Cylinders

Industry Outlook (Revenue, USD Billion; 2019-2030)

Construction

Automotive

Oil & Gas

Others

Our report will help you solve the following issues: –

Insecurity about the future:

Our research and insights help our clients to anticipate upcoming revenue compartments and growth ranges. This help our client to invest or divest their assets.

Understanding market opinions:

It is extremely vital to have an impartial understanding of market opinions for a strategy. Our insights help to have a keen view on a market sentiment. We keep this reconnaissance by engaging with Key Opinion Leaders of a value chain of each industry we track.

Understanding the most reliable investment centers:

Our research ranks investments centers of market by considering their future demands, returns and profit margins. Our clients can focus on most prominent investment centers by procuring our market research.

Evaluating potential business partners:

Our research and insights help our clients in identifying compatible business partners.

In conclusion, the report is designed to provide an in-depth analysis of all the key change calculation factors that replicate the decisions that trigger the change, which pushes the player's winning position profitable on the growth curve despite massive competition in the target hydraulic cylinder market.

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