

Europe Automotive Hydraulic Cylinders Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - by Type (Single Acting Cylinders and Double Acting Cylinders), Truck Type (Car Carriers, Garbage Compactors, Hook Loader, Tipping Vehicles, Drop Deck Trailer, and Modular Trailer), and Mounting Type (Rod End and Cap End)

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Report description:

The Europe automotive hydraulic cylinders market is expected to grow from US\$ 169.63 million in 2022 to US\$ 214.85 million by 2028; it is estimated to grow at a CAGR of 4.0% from 2022 to 2028 .

Intelligent Hydraulic Cylinders

Technological innovation is allowing manufacturers to introduce new compact, modular, and intelligent hydraulic systems that can be integrated with different electronics. Smart hydraulic systems, incorporated with sensors and other electronic components, are popularly being used in a wide range of vehicles, from lighter-duty agricultural vehicles to heavy-duty construction and mining equipment. Smart hydraulic cylinders use linear transducers (sensors) to communicate a cylinder's piston position back to the overall hydraulic system, thereby enhancing the accuracy and efficiency of systems. Hydraulic cylinders enabled with position sensing (SMART) technology are extremely reliable, even in harsh environments and high temperature conditions; moreover, they exhibit greater efficiency, improved safety, and unprecedented performance levels. Thus, smart hydraulic cylinders are emerging as a significant trend in the automotive hydraulic cylinder market.

Market Overview

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European Commission and national regulatory bodies increasingly engage in various initiatives to support the development of the automotive sector. A few of such initiatives include CARS 2020 Action Plan, GEAR 2030, and Horizon 2020. The Horizon 2020 Plan focuses on providing funds for research & development (R&D) activities in the industry through programs such as the European Green Vehicles Initiative for smart mobility, road transport, and logistics. Many major automotive manufacturers have significant presence in Europe, which encourages them to continuously implement different development strategies to remain in the competition. Thus, the increasing production and sales of commercial vehicles, and the presence of major manufacturers and suppliers with strong brand value and technological & financial capabilities are the factors propelling the demand for automotive hydraulic cylinders in Europe. The automotive hydraulic cylinder market in Europe is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe.

Europe Automotive Hydraulic Cylinders Market Revenue and Forecast to 2028 (US\$ Million)

Europe Automotive Hydraulic Cylinders Market Segmentation

The Europe automotive hydraulic cylinders market is segmented on the basis of type, truck type, mounting type, and country. Based on type, the Europe automotive hydraulic cylinders market is bifurcated into single acting cylinders and double acting cylinders. The single acting cylinders segment held a larger market share in 2022.

Based on truck type, the Europe automotive hydraulic cylinders market is segmented into car carriers, garbage compactors, hook loader, tipping vehicles, drop deck trailer, and modular trailer. The tipping vehicles segment held the largest market share in 2022.

Based on mounting type, the Europe automotive hydraulic cylinders market is bifurcated into rod end and cap end. The cap end segment held a larger market share in 2022.

Based on country, the Europe automotive hydraulic cylinders market is segmented into Germany, the UK, France, Italy, Russia, and the Rest of Europe. The Rest of Europe dominated the market share in 2022.

Wipro Enterprises Ltd; Gidrolast Corp; Montanhydraulik GmbH; Muncie Power Products Inc.; Binotto SRL; and Hyva Holding BV are the leading companies operating in the Europe automotive hydraulic cylinders market.

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