

North America 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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Abstracts

The North America automotive hydraulic cylinders market is expected to grow from US\$ 235.47 million in 2022 to US\$ 324.11 million by 2028; it is estimated to grow at a CAGR of 5.5% from 2022 to 2028 .

Growing Use of Hydraulic Cylinders in Waste Management Vehicles

The ongoing trend of industrialization, urbanization and economic growth have resulted in an increased municipal solid waste especially in cities with high population. Increasing volume of waste negatively impacts every aspect of society of a country damaging to the environment and surrounding habitat. Failing to address such problems strategically leads to long term impact on environment and public health influencing national economies on destructive way. Due to such factors, economies are increasingly focusing on waste management strategies and thus gradually adopting waste management vehicles. Waste management vehicles are used for picking up waste and then moving it to landfills or other places where waste materials were managed and treated. Hydraulic cylinders are commonly used in waste management vehicles such as garbage trucks, trash compactors and others, for pushing or dumping waste out. Nearly every garbage truck uses hydraulic systems as hydraulic systems makes far easier to load, lift, and transport both solid and liquid types of waste.

Additionally, hydraulic systems are commonly found at dumpsites and landfills to lift and dump the garbage. Trash compactors need a huge amount of power to compact waste efficiently, which depends on hydraulic systems. Waste management vehicles use multiple hydraulic cylinders to dump a standard-issue garbage bin into the truck's side hopper. Without reliable hydraulic systems, waste management systems are not effective and are a challenging task. Due to such factors, key market players were increasingly focusing on developing efficient waste management vehicles deployed with hydraulic cylinders. For instance, FULONGMA GROUP Co., Ltd. is providing pure electric garbage compactor truck composed of sealed garbage compartments, hydraulic systems, and operating systems. Thus, increasing the use of hydraulic cylinders in waste management vehicles for controlling, lifting, filling, compacting, and dumping waste, drives the market growth in the forecast period.

North America Automotive Hydraulic Cylinders Market Overview

North America has the world's most developed industrial sector. With the increasing scale of manufacturing in the automotive sector, the demand for waste management vehicles is also growing in the region, which is a major factor supporting the automotive hydraulic cylinder market growth in this region. The market in this region is further segmented into the US, Canada, and Mexico.

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

North America Automotive Hydraulic Cylinders Market Segmentation

The North America automotive hydraulic cylinders market is segmented on the basis of type, truck type, mounting type, and country. Based on type, the North America 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 North America 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 North America 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 North America automotive hydraulic cylinders market is segmented into the US, Canada, and Mexico. The US dominated the market share in 2022.

Wastebuilt Environmental Solutions LLC; Wipro Enterprises Ltd; Montanhydraulik GmbH; Muncie Power Products Inc.; Binotto SRL; and Hyva Holding BV are the leading companies operating in the North America automotive hydraulic cylinders market.

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