

Hydraulics - Company Evaluation Report, 2025

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Abstracts

The Hydraulics Companies Quadrant is a comprehensive industry analysis that provides valuable insights into the global market for Hydraulics. This quadrant offers a detailed evaluation of key market players, technological advancements, product innovations, and emerging trends shaping the industry. MarketsandMarkets 360 Quadrants evaluated over 110 companies, of which the Top 12 Hydraulics Companies were categorized and recognized as quadrant leaders.

Hydraulics refers to the mechanical function that operates using the force of liquid pressure. In hydraulic systems, mechanical motion is achieved through the controlled movement of pumped liquids typically within cylinders that move pistons. This technology enables the execution of tasks such as turning shafts, lifting heavy loads, and drilling precision holes. Hydraulics is widely applied in both industrial and mobile equipment across various sectors, including construction, aerospace and defense, material handling, automotive, agriculture, mining, oil and gas, and marine industries. Its ability to enhance productivity and minimize operational downtime makes it indispensable in these fields.

The hydraulics market includes a broad range of component suppliers offering cylinders, pumps, motors, filters, accumulators, transmissions, and more. It is a highly competitive and diverse landscape, with numerous players operating across the value chain. However, only a limited number of companies provide a full suite of components necessary for a complete hydraulic system solution. The market is expected to experience substantial growth, driven by advancements in hydraulic technologies that support multiple communication protocols. Industries such as construction, agriculture, and material handling are at the forefront of adopting and advancing hydraulic applications.

The 360 Quadrant maps the Hydraulics companies based on criteria such as revenue,

geographic presence, growth strategies, investments, and sales strategies for the market presence of the Hydraulics quadrant. The top criteria for product footprint evaluation included By FEEDSTOCK (BIOMASS, GREEN HYDROGEN, CARBON CAPTURE & STORAGE), By DERIVATIVE (FORMALDEHYDE, GASOLINE, GREEN METHANOL-TO-OLEFINS/GREEN METHANOL-TO-PROPYLENE, METHYL TERT-BUTYL ETHER, ACETIC ACID, DIMETHYL ETHER, METHYL METHACRYLATE, BIODIESEL, OTHERS), and By APPLICATION (CHEMICAL FEEDSTOCK, FUEL, OTHERS).

Key Players

Key players in the Hydraulics market include major global corporations and specialized innovators such as Bosch Rexroth AG (Germany), Danfoss (Denmark), KYB Corporation (Japan), and Parker-Hannifin Corporation (US), Enerpac Tool Group (US), HYDAC International GmbH (Germany), and Kawasaki Heavy Industries, Ltd. (Japan), SMC Corporation (Japan), Wipro Enterprises (India), Caterpillar (US), YUASA Co., Ltd. (Japan) and Standex International Corporation. These companies are actively investing in research and development, forming strategic partnerships, and engaging in collaborative initiatives to drive innovation, expand their global footprint, and maintain a competitive edge in this rapidly evolving market.

Top 3 Companies

Bosch Rexroth AG

Bosch Rexroth AG, a wholly owned subsidiary of Robert Bosch GmbH, is a global leader in drive and control technologies. The company supplies a wide range of hydraulic components and systems for categorized into two main areas: industrial solutions and mobile machine solutions. In the industrial sector, Bosch Rexroth offers a comprehensive portfolio that includes electric drives and controls, molding and casting technologies, H₂ gas drive systems, industrial hydraulics, Kassow Robots, linear motion technology, mobile robotics, assembly technology, tightening technology, and resistance welding.

Danfoss

Danfoss develops engineering solutions that enhance the energy efficiency and performance of machines and systems across a broad range of industries. The company operates through three primary business segments—Danfoss Power Solutions,

Danfoss Climate Solutions, and Danfoss Power Electronics and Drives—along with a fourth segment categorized as Other Areas.

Parker-Hannifin Corporation

Parker Hannifin Corporation is a global leader in motion and control technologies, delivering precision-engineered solutions to the mobile, industrial, and aerospace markets. The company operates through two main business segments: Diversified Industrial and Aerospace Systems. Parker Hannifin supports its global operations through a vast network comprising manufacturing, service, sales, distribution, and administrative facilities across 55 countries

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