

Top Hydraulic Motor Manufacturer Expands Advanced Hydraulic Power Solutions

JINING, SHANDONG, CHINA, September 20, 2026 /EINPresswire.com/ --

As modern engineering machinery continues to demand compact, efficient, and reliable hydraulic power systems, hydraulic motors have become an important component in equipment requiring controlled rotary motion and high torque. Jining Jinjia Hydraulic Co., Ltd. has developed its business around this field, focusing on the research, development, manufacturing, and supply of hydraulic motors and related hydraulic equipment. Through a product portfolio covering hydraulic motors, winches, valves, pumps, and power units, the company serves customers across a range of machinery and industrial applications.

Hydraulic motors convert hydraulic energy into mechanical rotary motion, allowing machinery to perform tasks such as driving, lifting, pulling, rotating, and conveying. They are widely used in construction machinery, agricultural equipment, material-handling systems, marine equipment, mining machinery, forestry equipment, and other industrial applications. Different operating environments require different motor structures, displacements, torque characteristics, and installation configurations, making product selection an important part of hydraulic system design.

Jining Jinjia Hydraulic Co., Ltd. has positioned itself as a manufacturer specializing in [hydraulic motor](#) technology. The company's official product portfolio includes orbit hydraulic motors, Sauer Danfoss hydraulic motors, Eaton orbit hydraulic motors, Rexroth hydraulic motors, Poclain hydraulic motors, radial piston hydraulic motors, and other hydraulic power components. Its broader range also includes hydraulic winches, hydraulic valves, hydraulic pumps, hydraulic cylinders, hydraulic power units, and hydraulic power packs. This product structure enables the company to address hydraulic drive requirements from individual components through to more integrated equipment assemblies.

Among its major product categories, orbital hydraulic motors represent an important part of Jinjia's manufacturing activities. These motors are designed for low-speed, high-torque applications and can be incorporated into equipment where controlled rotary power is required. The company's product range includes BM and OM series orbital hydraulic motors, as well as different motor configurations intended for specific machinery requirements.

The application of hydraulic motors can vary significantly depending on equipment design. In

construction machinery, hydraulic motors can provide rotary or drive power for attachments and auxiliary systems. Agricultural machinery can use hydraulic motors for applications involving conveyors, harvesting equipment, and other mechanically driven functions. In material-handling equipment, hydraulic motors can support winches, conveyors, and other systems that require controlled rotational movement.

Jining Jinjia Hydraulic Co., Ltd. also manufactures [Hydraulic Winch](#) products, extending its hydraulic technology from individual drive components to complete lifting and pulling equipment. A hydraulic winch generally combines a hydraulic motor with a planetary gearbox, brake, drum, and supporting structure. Depending on the configuration, additional hydraulic valves can be integrated into the system to manage braking and load control.

The company's published product information describes hydraulic winches for lifting and traction applications across sectors such as shipping, ports, mining, engineering machinery, forestry, and oil-related equipment. Its product range includes small hydraulic winches, heavy-duty hydraulic winches, recovery hydraulic winches, and customized configurations. Some models are available in different rated capacities to address different pulling and lifting requirements.

A hydraulic winch is more than a simple winding mechanism. The motor provides the rotational input, while the reduction gearbox controls output torque and speed. The brake system helps manage the load, and the hydraulic control circuit determines the direction and operating behavior of the equipment. By integrating these components into a coordinated system, hydraulic winches can be adapted to machinery where controlled lifting or pulling is required.

Jinjia's hydraulic winch designs also incorporate hydraulic control components. Certain models use shuttle valves and balance valves as part of the safety and control system. The company describes some winches as incorporating built-in valve groups, including counterbalance and shuttle valves, to control the hydraulic brake and other operating components. Such integration can simplify the hydraulic circuit for suitable equipment configurations.

Another important category in the company's portfolio is Hydraulic Valve. Hydraulic valves regulate and control the movement of hydraulic fluid within a system. Directional control valves, for example, can direct pressurized oil toward different actuators, enabling cylinders or hydraulic motors to move in selected directions. Other valves can be used for pressure control, flow management, load holding, and other hydraulic functions.

Jining Jinjia Hydraulic Co., Ltd. offers hydraulic directional control valves as part of its broader hydraulic product range. Its published product information includes multi-way directional control valves with different spool configurations. Such valves can be used in agricultural machinery, loaders, forklifts, excavators, backhoes, dump trucks, trailers, skid steers, and municipal equipment.

The combination of Hydraulic Motor, Hydraulic Winch, and Hydraulic Valve products gives Jining Jinjia Hydraulic Co., Ltd. a broader presence within the hydraulic power industry. These components are closely related in many hydraulic systems. A motor converts hydraulic pressure and flow into rotary movement, a valve manages the hydraulic circuit, and a winch can combine these technologies into an integrated lifting or pulling mechanism.

Manufacturing capability is another important element of the company's business. Jinjia's official information describes the company as a high-tech enterprise integrating production, research and development, and manufacturing. Its production workshop is located in Jining New Material Industrial Park in Shandong, China. The company's website states that the workshop covers more than 9,000 square meters and that the business has a workforce of more than 90 employees, including technical personnel and experienced engineering staff.

The company has also invested in manufacturing equipment intended for precision production. Its published company materials describe CNC machining centers, CNC forming grinders, CNC lathes, and intelligent robotic equipment. Such equipment can support the machining and production of hydraulic components where dimensional consistency and manufacturing repeatability are important.

Quality control is particularly significant for hydraulic products because motors, valves, and winches operate within pressurized fluid systems. Manufacturing variations in components such as housings, shafts, gears, valve bodies, rotors, and sealing interfaces can influence the behavior of a finished hydraulic assembly. Jinjia states that its products undergo quality-control procedures including pressure and running inspections before shipment.

The company's hydraulic motor manufacturing activities also include products designed for different operating conditions. Its catalog covers low-speed high-torque orbital motors as well as radial piston hydraulic motors. The latter can be applied in machinery requiring high torque and specific radial-load capabilities. By maintaining several hydraulic motor structures, the company can address different mechanical layouts and performance requirements.

Customization is another feature of Jinjia's manufacturing model. The company states that OEM and ODM services are available for bulk orders, with customization options that can include motor displacement, shaft configuration, port layout, surface finish, customer branding, and outer packaging. For hydraulic equipment manufacturers, such options can be useful when standard products need to be integrated into proprietary machinery designs.

Hydraulic systems are used in equipment ranging from relatively compact agricultural machinery to heavy industrial and engineering equipment. This diversity creates demand for components with different dimensions, pressure requirements, mounting configurations, and output characteristics. A manufacturer capable of supplying multiple hydraulic product categories can support customers with different system architectures.

The international nature of the hydraulic equipment market is also reflected in Jinjia's business. Company information states that its products are exported to markets including the United States, Germany, Brazil, Canada, India, Turkey, Finland, Malaysia, and other countries. The company's published materials also state that its products have been sold in more than 80 countries and regions.

For international machinery manufacturers, hydraulic component sourcing involves considerations beyond basic product specifications. Buyers may evaluate manufacturing consistency, product compatibility, customization capabilities, technical communication, quality documentation, delivery arrangements, and after-sales support. These factors can become especially important when hydraulic components are incorporated into equipment intended for long-term operation.

Jining Jinjia Hydraulic Co., Ltd. has built its product portfolio around these industrial requirements. Its hydraulic motor range addresses the core function of converting hydraulic energy into rotary power, while its Hydraulic Winch products extend that technology into lifting and pulling applications. Its Hydraulic Valve range supports fluid-direction and system-control requirements, providing complementary components for hydraulic machinery.

The company's product applications span engineering machinery, agriculture, fisheries, injection molding, mining, forestry, petroleum, sanitation, and other equipment sectors. Such applications demonstrate the broad role hydraulic transmission technology continues to play in modern machinery. Where electric or mechanical drive systems may not provide the required combination of torque, control, and installation flexibility, hydraulic systems can provide another engineering option.

The development of hydraulic technology is also closely associated with the demand for compact equipment. Manufacturers of mobile machinery often need to achieve high power density while keeping components within limited installation spaces. Compact orbital hydraulic motors and integrated hydraulic winches can contribute to equipment designs where available space is restricted.

At the same time, heavy-duty machinery requires components capable of handling demanding mechanical and hydraulic conditions. Radial piston motors, heavy-duty winches, and appropriately configured hydraulic valves can be incorporated into systems requiring substantial torque, controlled movement, or load handling. The appropriate selection depends on the specific application, hydraulic circuit, load, operating pressure, flow rate, and installation environment.

As construction, agriculture, mining, marine engineering, forestry, transportation, and industrial automation continue to develop, hydraulic power remains an important technology for many types of machinery. Within this environment, manufacturers of hydraulic motors and related components have opportunities to support equipment builders with increasingly specialized

products.

Jining Jinjia Hydraulic Co., Ltd. continues to develop its position in this market through its focus on hydraulic motor manufacturing and its complementary range of hydraulic equipment. With products spanning hydraulic motors, Hydraulic Winch systems, Hydraulic Valve products, pumps, cylinders, and power units, the company provides a broad portfolio for machinery manufacturers and hydraulic system users.

About Jining Jinjia Hydraulic Co., Ltd.

Jining Jinjia Hydraulic Co., Ltd. is a Chinese manufacturer specializing in hydraulic motors and related hydraulic equipment. The company integrates research and development, manufacturing, and sales, with its production operations located in Jining New Material Industrial Park, Shandong, China. Its product portfolio includes orbital hydraulic motors, radial piston hydraulic motors, hydraulic winches, hydraulic valves, hydraulic pumps, hydraulic cylinders, hydraulic power units, and hydraulic power packs.

The company's hydraulic motor range includes low-speed high-torque orbital motor series and other hydraulic motor configurations for engineering, agricultural, material-handling, construction, and industrial machinery. Its Hydraulic Winch portfolio includes small, heavy-duty, recovery, lifting, and pulling configurations, while its Hydraulic Valve range includes directional control valves and related hydraulic control components.

Jining Jinjia Hydraulic Co., Ltd. also provides OEM and ODM services for selected products, with customization options covering areas such as displacement, shaft type, port layout, finish, branding, and packaging. The company states that its products are supplied to customers in numerous international markets and that its manufacturing operations include quality inspection and testing procedures.

With a product portfolio centered on hydraulic transmission technology and a focus on manufacturing and product development, Jining Jinjia Hydraulic Co., Ltd. continues to serve machinery manufacturers, distributors, system integrators, and industrial users seeking hydraulic power solutions. More information about the company and its product range is available at [www.jinjiahyd.com].

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