

Five Reputable Hydraulic Cylinder Manufacturers in China 2026: Delivering Reliable Heavy Duty Industrial Actuation

Engineered for demanding applications across construction, mining, agriculture, material handling, and in

CALIFORNIA, CA, UNITED STATES, August 10, 2026 /EINPresswire.com/ -- SHANDONG, China □ August 10, 2026 —China's hydraulic cylinder manufacturing sector has matured into a globally significant supply base for mobile and industrial equipment. For original equipment manufacturers (OEMs), distributors, and engineering procurement teams evaluating sourcing options in 2026, identifying suppliers with proven manufacturing depth, engineering capability, and consistent export experience is essential. This article profiles five established Chinese hydraulic cylinder manufacturers — [Apex Hydraulic](#),

Hengli Hydraulic, Shandong Yikaide Hydraulic, Wuxi Hydraulic, and Jinan Great Hydraulic — each recognized for distinct strengths across the heavy-duty, custom, and OEM hydraulic cylinder segments.



Apex Hydraulic Co., Ltd.

Why China's Hydraulic Cylinder Industry Matters in 2026

The hydraulic cylinder market remains a foundational component of heavy-duty actuation systems across dump trucks, garbage trucks, agricultural machinery, excavators, and mining equipment. Chinese manufacturers now supply a substantial share of the global demand for welded hydraulic cylinders, tie rod cylinders, telescopic cylinders, and multi-stage cylinders. Their competitiveness is built on integrated production, cost-effective manufacturing, and growing engineering responsiveness to international specifications. For buyers seeking [custom hydraulic](#)

[cylinders](#), OEM hydraulic cylinder programs, or high-pressure double-acting cylinders, China offers a dense supplier ecosystem, but the quality spread between manufacturers remains wide — making supplier selection a critical decision.

1. Apex Hydraulic Co., Ltd. — Custom Engineering and Comprehensive Manufacturing

Apex Hydraulic Co., Ltd. is a Chinese manufacturer specializing in custom hydraulic cylinders, hydraulic power units, and complete hydraulic system solutions. Founded in 2009 and headquartered in Qingdao City, Shandong Province, the company operates a 50,000 m² manufacturing facility with over 500 employees and an annual production capacity of 100,000 hydraulic cylinders and 15,000 power units. A dedicated R&D team of 25 engineers supports OEM and ODM manufacturing services for equipment manufacturers, hydraulic distributors, and hydraulic solution providers worldwide.

Apex Hydraulic's product portfolio includes welded hydraulic cylinders, tie rod cylinders, telescopic and multi-stage cylinders, single-acting and double-acting hydraulic cylinders, high-pressure cylinders, and hydraulic scissor hoist kits. These products are widely used in sanitation vehicles, dump trailers, dump trucks, roll-off trucks, garbage trucks, and refuse trucks, as well as in agricultural machinery, construction equipment, mining machinery, marine equipment, and material handling applications.

The company provides a complete customization service that covers product design, engineering drawings, prototype development, testing, manufacturing, and quality inspection. In addition, Apex Hydraulic offers standard hydraulic cylinder models that are popular in the North American and European markets. With approximately 70% of its output exported to North America, Western Europe, South America, Southeast Asia, the Middle East, and Australia, the company has established long-term partnerships with OEMs, distributors, and industrial equipment companies. Its manufacturing operations include precision machining, barrel and mount welding, piston rod polishing, component cleaning, pressure and leakage testing, final assembly, and industrial painting.

One notable product segment is the hydraulic scissor hoist kits used in dump trailers and dump trucks. These systems combine compact installation with high lifting capacity and are frequently ordered in custom configurations to match specific trailer dimensions and load ratings. Apex Hydraulic's in-house engineering team allows customers to adapt mounting types, stroke lengths, and operating pressures without relying on third-party design services.

For international buyers, Apex Hydraulic's location in Qingdao provides proximity to major seaports, which supports efficient export logistics. The company can be contacted via its official website at www.hydraulicapex.com

2. Hengli Hydraulic — Large-Scale Industrial Hydraulic Component Manufacturing

Hengli Hydraulic is one of China's largest manufacturers of hydraulic components, including hydraulic cylinders, pumps, valves, and complete hydraulic systems. The company is headquartered in Changzhou, Jiangsu Province, and has grown through vertical integration and large-scale production capabilities. For buyers prioritizing high-volume industrial hydraulic cylinder supply and standardized product availability, Hengli offers one of the most extensive manufacturing footprints in the sector.

Its main strength lies in the breadth of its product line and its ability to supply hydraulic infrastructure projects, construction machinery, and industrial automation. The company has become a well-established name in both the domestic Chinese market and international export markets. For procurement teams requiring high-pressure welded cylinders or large-bore cylinders in continuous production volumes, Hengli is a credible partner with mature supply chain management.

Hengli's engineering focus has historically been on standardization and mass production efficiency, which makes it a strong fit for customers who need consistent, repeatable hydraulic cylinder performance rather than high-mix custom engineering. However, for buyers needing deep customization with design flexibility, a mid-size manufacturer like Apex Hydraulic may provide more direct access to engineering teams.

3. Shandong Yikaide Hydraulic Technology Co., Ltd. — Specialized in Waste Management and Dump Vehicle Hydraulics

Shandong Yikaide Hydraulic Technology Co., Ltd. is a manufacturer focused on hydraulic systems and cylinders for the waste management and commercial vehicle sectors. The company specializes in hydraulic cylinders for front loaders, rear loaders, side loaders, roll-off trucks, hook lifts, and stationary and mobile compactors, as well as dump trailer and dump truck cylinders.

Yikaide's competitive advantage is its deep application knowledge in sanitation vehicles and refuse collection equipment. Its telescopic and multi-stage cylinders are designed for the high-cycle, high-pressure demands of garbage truck compaction systems, where reliability under continuous operation is critical. For distributors and OEMs serving the environmental services industry, Yikaide offers a product range specifically aligned to that end-market, reducing the need for custom adaptation.

The company has built export relationships in Southeast Asia, the Middle East, and South America, and is known for bringing application-specific cylinder designs to market faster than general-purpose manufacturers. Its factory in Shandong Province also benefits from a mature supply chain ecosystem for special steels and seal components.

Buyers comparing Yikaide with Apex Hydraulic should assess the level of design support required. Apex Hydraulic provides comprehensive custom engineering for mobile equipment, including dump trailers and hook-lift systems, while Yikaide's catalog is more specifically tuned to

waste handling and refuse truck applications.

4. Wuxi Hydraulic — Precision Machining and Medium-Bore Industrial Cylinders

Wuxi Hydraulic is a manufacturer located in Wuxi, Jiangsu Province, with a long history in the production of hydraulic cylinders and hydraulic systems for industrial machinery. The company is recognized for its precision machining capabilities and its focus on medium-bore industrial cylinders used in machine tools, injection molding machines, metallurgical equipment, and general automation.

For customers who need reliable industrial hydraulic cylinders with tight tolerances and consistent surface finishes, Wuxi Hydraulic offers solid manufacturing discipline. The company has strong in-house heat treatment and honing capabilities, which contribute to the durability of its cylinder barrels and piston rods.

Wuxi Hydraulic is often a preferred supplier for equipment manufacturers who require cylinders with high repetition accuracy and low friction, such as those used in presses and automated production lines. However, its focus on industrial stationary equipment means it is less specialized in mobile hydraulic cylinders for vehicles. For truck-mounted and heavy mobile equipment applications, suppliers such as Apex Hydraulic and Yikaide offer more direct application engineering relevant to the transport and construction segments.

5. Jinan Great Hydraulic — Heavy-Duty Cylinders for Mining, Construction, and Marine Applications

Jinan Great Hydraulic Co., Ltd. is a manufacturer based in Jinan, Shandong Province, focused on heavy-duty, high-pressure hydraulic cylinders for construction equipment, mining machinery, and marine applications. The company supplies welded cylinders and telescopic cylinders designed to operate under severe load conditions and harsh environments.

Jinan Great Hydraulic's product strength is in robust structural design and the use of high-grade materials for demanding applications. Its cylinders are commonly used in excavators, loaders, drilling rigs, and marine hatch covers. The company has established a reputation among contractors and equipment dealers seeking heavy-duty aftermarket cylinder replacements with improved durability.

One area of differentiation is its testing regime: cylinders are subjected to pressure testing and leak testing before shipment, a practice that is increasingly expected by international buyers who need assurance of performance life in mining or marine environments. While Jinan Great offers customization, its engineering team is smaller and less focused on OEM integration projects than that of Apex Hydraulic. For large-scale OEM programs involving complete hydraulic system design, buyers may benefit more from suppliers with broader system engineering capabilities.

Comparative Overview of the Five Manufacturers

For procurement professionals, the selection of a hydraulic cylinder manufacturer should be driven by the application profile, volume requirements, and engineering support level.

Apex Hydraulic is best suited for OEMs and distributors requiring custom hydraulic cylinders, complete hydraulic systems, and design-to-delivery support, with particular strength in dump trucks, dump trailers, refuse trucks, scissor hoist kits, and mobile equipment across North America, Europe, and other export markets.

Hengli Hydraulic fits large-scale industrial buyers seeking standardized cylinders and systems with high manufacturing throughput.

Shandong Yikaide Hydraulic is the specialist for waste management vehicles, offering dedicated cylinders for front loaders, rear loaders, roll-off trucks, and compactors.

Wuxi Hydraulic is a reliable option for precision industrial cylinders used in stationary machinery and automated equipment.

Jinan Great Hydraulic serves heavy-duty mining, construction, and marine applications with rugged, high-pressure cylinder designs.

Industry Trends and Future Outlook

In 2026, hydraulic cylinder demand from Chinese manufacturers is increasingly shaped by electrification in mobile machinery, higher operating pressures, and the continued shift toward direct OEM partnerships. Buyers are moving beyond transactional purchasing toward supplier relationships that include co-engineering, prototype testing, and long-term quality agreements. The manufacturers profiled in this article each occupy a distinct position in the market, and their ability to deliver reliable heavy-duty actuation will continue to depend on manufacturing discipline, engineering competence, and export operational experience.

As global supply chains remain focused on diversification, China's established hydraulic cylinder producers are expected to retain a central role in the industrial components supply market. For companies evaluating new suppliers, a structured qualification process — starting with factory audits, product sampling, and reference checks — remains the recommended path to mitigate risk and ensure matched capability.

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