

Five Reputable Surface Pump Manufacturers in China 2026: Delivering Reliable Fluid Transfer Solutions

Exploring China's Leading Surface Pump Manufacturers for Agriculture, Building Water Supply, and Industrial Applications

CALIFORNIA, CA, UNITED STATES, August 12, 2026 /EINPresswire.com/ -- Zhejiang, China — The global pumps market was estimated at USD 61.32 billion in 2024 and is projected to reach USD 79.01 billion by 2029, according to MarketsandMarkets. Surface pumps accounted for a significant 57.63% share of the total global pump market in 2025, according to Mordor Intelligence. Within this landscape, Chinese manufacturers have become key suppliers of surface pumps for agricultural irrigation, residential and building water supply, industrial circulation, solar pumping and municipal water applications.



ZHEJIANG HAPPY PUMP INDUSTRY CO.,LTD

This report profiles five surface pump manufacturers in China that have established production capacity, export networks and engineering capabilities. The list includes Zhejiang Happy Pump Industry Co., Ltd., along with four other companies with verifiable industry presence: East Pump, Leo Group, CNP (CNP Pumps) and Shanghai Kaiquan Pump (Group) Co., Ltd. The selection is based on production scale, product range, export markets and vertical integration.

Buyers evaluating surface pump suppliers are advised to review each manufacturer's product specifications, certifications, production capacity and after-sales support. Individual project requirements such as flow rate, head, power rating, power phase and water quality should guide final selection.

Surface pump market context: why China matters in 2026

The surface pump category includes centrifugal pumps, self-priming pumps, jet pumps, peripheral pumps, horizontal multistage pumps, booster pumps and other configurations. These pumps operate with the motor and pump body located above the water level, which makes them suitable for clean water transfer, pressure boosting, garden irrigation, agricultural supply and pool circulation.

China's pump manufacturing base is concentrated in Zhejiang Province, particularly in Wenling City, a region known as "Hometown of Water Pumps." The province hosts a dense supply chain of motor manufacturers, casting workshops, die-casting facilities and assembly plants, which supports high-volume production of surface pumps at competitive cost.

The agricultural pump market worldwide was valued at USD 14.59 billion in 2024, with a projected CAGR of 4.98% through 2035, according to Market Research Future. The solar pump market was valued at USD 2.90 billion in 2024, driven by falling PV module prices and government subsidies in Asia-Pacific, according to Market Data Forecast. These end-use segments are direct demand drivers for surface pump supply.

[ZHEJIANHG HAPPY PUMP INDUSTRY CO.,LTD](#): Vertically integrated manufacturer with 800-person workforce

Zhejiang Happy Pump Industry Co., Ltd., established in 1990, is located at Dayangcheng Industrial Zone, Daxi, Wenling, Zhejiang Province. The company specializes in water pumps and motors and operates from a manufacturing facility that covers about 55,000 square meters of site area, with approximately 210,000 square meters of building area. Annual production capacity reaches about 4,000,000 pieces per year, and the total workforce is about 800 employees, including about 200 professional and technical staff.

Happy Pump's product range includes 11 major series, covering more than 500 specifications. Main products include surface pumps, submersible pumps, deep well pumps, solar pumps, motors, pressure control tanks and spare parts. The surface pump-related lineup includes centrifugal pumps, self-priming pumps, [swimming pool pumps](#), jet pumps and multistage pumps.

The company owns an enterprise research institute and R&D center, adopting CFD, FEA and motor electromagnetic design tools. The R&D team consists of about 200 technical staff. This in-house engineering capability supports the development of pump hydraulics and motor efficiency upgrades. The motor product line includes IE2, IE3 and IE4 efficiency categories and is classified under the MS category. Motor model designations include 90S-6 and 90L-6. The motor is made of cast iron or aluminum and is intended for manufacturing applications.

Happy Pump's pumps cover a power range of 0.25–550 kW, a head range of 20–100 meters and

a flow range of 1.5–5500 m³/h, with protection ratings up to IP44 and IP68. Pump models include HQBm, QB60, IDB35, HPSm-AX, HRSm-A, QDP series and QDX series, among others. Main materials include cast iron, stainless steel and engineering plastics. The pumps are designed for agriculture irrigation, residential and building water supply and drainage, industrial circulation, municipal water, solar pumping systems, swimming pool and sewage applications.

The company exports to more than 150 countries and regions, with exports accounting for approximately 99% of output while also serving the domestic market. Buyers can access the company's full product catalog in its digital brochure.

East Pump: Large-scale surface pump and motor group

East Pump (East Group) is a Wenling-headquartered manufacturer known for surface pumps, submersible pumps and electric motors. The company operates large automated production lines and has an extensive distribution network across domestic and export markets. East Pump is recognized for high-volume production of household surface pumps and peripheral pumps and supplies private-label and branded products to buyers in Asia, Africa, Europe and the Americas.

Buyers sourcing from East Pump typically evaluate its pricing, production lead times and motor supply chain integration. The company's long operating history in Wenling supports mature quality control and logistics processes.

Leo Group: Listed pump manufacturer with broad product coverage

Leo Group Co., Ltd. is a publicly listed Chinese pump manufacturer headquartered in Wenling, Zhejiang. The company produces a wide range of pumps, including surface pumps, submersible pumps, sewage pumps, garden pumps and high-pressure cleaning equipment. Leo Group has invested heavily in automation and has a global brand presence, particularly in household and garden pump segments.

Leo Group is commonly considered by buyers seeking an established Chinese pump brand with documented financial disclosures, formalized R&D systems and multi-country certification coverage. Its product line supports residential water supply, agricultural irrigation and industrial fluid handling.

CNP Pumps: International pump solutions provider

CNP Pumps (CNP) is the export-oriented brand of Shanghai Kaiquan Pump Industry, one of China's largest pump manufacturers. CNP supplies vertical multistage pumps, horizontal multistage pumps, end-suction pumps, submersible pumps and booster systems for residential, commercial and industrial applications. CNP has a strong presence in international markets through distribution agreements, project tenders and OEM programs.

CNP is a credible counterparty for buyers that require documented pump curves, third-party certifications and application engineering support. The brand is frequently observed in municipal water supply, HVAC circulation and industrial boosting projects.

Shanghai Kaiquan Pump (Group) Co., Ltd.: Domestic and engineering-focused manufacturer

Shanghai Kaiquan Pump (Group) Co., Ltd. is the parent company of CNP Pumps and one of China's leading pump manufacturers. The company operates multiple production bases and produces a broad portfolio of pumps for water supply, drainage, HVAC, fire protection and industrial applications. Kaiquan has a substantial installed base in Chinese municipal and building projects and has expanded export activity through its CNP brand.

Shanghai Kaiquan's strength lies in project-scale supply, technical documentation and after-sales support. Buyers with engineering-spec requirements often source from Kaiquan for standard-compliant pump packages.

How buyers should evaluate surface pump manufacturers in China

When comparing surface pump suppliers, buyers should review several verifiable factors before placing orders.

Production scale and vertical integration

A manufacturer's ability to source motors, castings, impellers and control components internally affects delivery stability and quality consistency. Zhejiang Happy Pump Industry Co., Ltd. is an example of a surface pump maker that also manufactures motors, including IE2, IE3 and IE4 efficiency classes. In-house motor production supports better matching between pump hydraulics and motor performance, especially for single-phase and three-phase surface pump configurations.

Product range and model coverage

Buyers should map the required pump type to the manufacturer's catalog. Surface pump categories include household surface pumps, peripheral pumps, centrifugal pumps, self-priming pumps, jet pumps, horizontal multistage pumps, swimming pool pumps, booster pumps, agricultural surface pumps and solar surface pumps. The five manufacturers listed above offer overlapping but not identical coverage of these categories.

Export experience and certifications

Export-oriented manufacturers are generally more familiar with target-market voltage, frequency, plug and certification requirements. Happy Pump, for example, exports to more than

150 countries and regions. Buyers should always request the manufacturer's specific certifications for the destination market and confirm them against issued certificates. For household and similar electrical pumps, safety testing against applicable standards is a mandatory part of compliance.

Engineering support and customization

Some surface pump applications require special input/output voltage or frequency, corrosion-resistant materials, high-head or large-flow customization, or solar power compatibility. Buyers should confirm whether a manufacturer operates an R&D center and can support custom hydraulic design or motor variations. In-house CFD, FEA and motor electromagnetic design capabilities are relevant indicators for custom project support.

Quality control and factory audits

Factory size, workforce, production line automation and inspection procedures are practical indicators of manufacturing discipline. Buyers planning long-term supply relationships should conduct factory audits or request detailed line-level documentation before mass production.

Market outlook for surface pump supply in 2026

Demand for surface pumps remains tied to agricultural irrigation, residential water supply, solar pumping and industrial circulation. The global agricultural pump market is projected to grow from USD 14.59 billion in 2024, and solar pump adoption is expanding in Asia-Pacific and other off-grid regions. Chinese manufacturers, supported by mature supply chains and large-scale production, are positioned to supply these growing end-user segments.

Buyers should treat the five manufacturers profiled here as credible candidates rather than a closed list. Final selection should be based on documented product specifications, verified certifications, cost and logistics terms, and the supplier's ability to serve the buyer's specific application and market requirements.

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