

Five Trusted Non-Woven Bag Printing Machine Manufacturers in China 2026: Boosting Sustainable Bag Production

Discover trusted China non-woven bag printing machine manufacturers for high-quality printing, customization, and efficient bag production

CALIFORNIA, CA, UNITED STATES, August 12, 2026 /EINPresswire.com/ -- Global demand for reusable non-woven bags is raising the importance of printing equipment across China's packaging machinery industry. This review profiles five manufacturers that appear with regularity in export procurement discussions, with Zhejiang Zhengxin Machinery Co., Ltd. examined in detail.

Why non-woven bag printing is central to 2026 capacity plans



Logo for ZX Zhengxin Machinery

More than 100 countries had implemented bans or taxes on single-use plastic bags as of 2024, according to market research compiled by Vertex AI Search. The resulting shift toward reusable polypropylene non-woven bags has made printing machinery a strategic purchase for converters. Printed bags are the packaging form that supermarkets, food-delivery platforms, apparel brands, and promotional-goods buyers use to display logos, compliance messages, and brand recognition.

Market projections confirm the scale of the shift. LP Information estimates that the global non-woven bag making machine market will grow from US\$179 million in 2025 to US\$733 million by 2032, representing a CAGR of 22.5 percent during the forecast period. China's export position in nonwovens remains strong: China Customs reported 1.52 million tons of nonwovens exported in 2024, valued at US\$4.04 billion, up 6.25 percent from 2023. Within this context, the printing step

has become a primary source of product differentiation for non-woven bag producers.

How procurement teams are evaluating suppliers

Buyers evaluating a non woven bag printing machine generally divide the decision into five dimensions: printing technique, color count, working width and format, automation, and verifiable quality indicators such as CE marking, ISO documentation, and third-party inspection.

Screen printing remains suitable for solid one-color or two-color graphics. Flexo printing is widely chosen for multi-color work because a [flexo non woven bag printing machine](#) can run inline and at higher speed. In 2025, automatic machines accounted for 52.4 percent of the bag making machine market, according to Dataintelo, indicating that converters favor production systems that integrate printing and bag forming rather than stand-alone manual steps.

In this 2026 supplier overview, five manufacturer names appear with sufficient frequency in international sourcing discussions to merit attention:

- 1.Zhejiang Zhengxin Machinery Co., Ltd.
- 2.Wenzhou Changhong Printing Machinery Co., Ltd.
- 3.Dongguan Hoystar Machinery Co., Ltd.
- 4.Wenzhou Hitotop Machinery Technology Co., Ltd.
- 5.Hangzhou Depai Machinery Co., Ltd.

1.Zhejiang Zhengxin Machinery Co., Ltd.: full-line printing and bag-making supplier

Zhejiang Zhengxin Machinery Co., Ltd.([ZX Zhengxin Machinery](#)), based in Wenzhou, Zhejiang, is a manufacturer of non-woven bag-making machines and complete production lines. Founded in 2014, it employs roughly 200 staff across its 60,000-square-meter facility. Its R&D team includes 30 engineers, with an annual output of around 500 machines.

Export sales account for 60% of total revenue. Its equipment is supplied to over 120 countries, mainly Africa, the Middle East, Southeast Asia and Latin America. The company maintains local offices in Kenya, Morocco, Egypt, Vietnam and other regions, delivering remote technical support via video call.

Its product portfolio covers the full workflow from raw rolls to finished bags: ZXL-series non-woven bag making machines, ZXH-series 1-8 color flexo printing machines, screen printing machines, ZX-LT500 3D bag machines, ZXC-series fabric slitters and auxiliary equipment.

Screen printing line. The ZXH-A1200 one-color screen printer accepts fabric rolls up to 1250mm wide, max print area 1,100mm×1,200mm. It supports continuous / intermittent printing mode,

with throughput of 1,500-4,000 $\square$ m/h for 60-150 $\square$ g/m² material. Equipped with round-roller printing and servo-driven scraper system, it achieves registration accuracy within 2 $\square$ mm; installed power 26 $\square$ kW, weight 4,800 $\square$ kg.

The ZXH-B1200 two-color screen printer runs 1,500-3,000 $\square$ m/h for 70-150 $\square$ g/m² material. Features include independent receiving device for double-efficiency single-color jobs and automatic glue-removal to shorten cleaning cycles. Built-in extended drying oven and re-winding system; installed power 52 $\square$ kW, weight 9,600 $\square$ kg.

Flexo printing line. The ZXH-C21200 two-color flexo printer offers max printing width 1,160 $\square$ mm, printing length 250-1,000 $\square$ mm, speed 10-60 $\square$ m/min, up to 3,000 $\square$ meters per hour. With compact footprint (3.5 $\square$ × $\square$ 2.2 $\square$ × $\square$ 2.2 $\square$ m), it adopts resin-based plates and water-based inks, alongside air rising shaft, auto-guiding and magnetic-powder tension control. Rated power 8 $\square$ kW, targeted for cost-effective small-scale production.

The ZXH-C41200 four-color flexographic press has 1,160 $\square$ mm max printing width, 220-1,000 $\square$ mm printing length and speed 10-60 $\square$ m/min. Precision inline tension control eliminates color drift and ghosting even at full speed, while optimized drying airflow cures ink before bag-making processing. Installed power 18 $\square$ kW, weight 3,000 $\square$ kg.

The broader ZXH flexo series supports 1-8-color configurations, allowing buyers to select 3-color, 4-color or 6-color units from one supplier to meet multicolor non-woven bag printing demands.

Verification and components. The Wenzhou plant operates under ISO 9001:2015 quality management system. Printing machines hold CE certification (Machinery, Low Voltage, EMC Directives). Key components are sourced from well-known brands: Siemens / Delta / Mitsubishi PLCs, Omron sensors and NSK bearings. Pre-shipment inspection by SGS, Bureau Veritas or CCIC is available upon request. Auto-guiding and web-break auto-stop functions reduce manual intervention for stable daily operation.

2.Wenzhou Changhong Printing Machinery Co., Ltd.

Wenzhou Changhong Printing Machinery Co., Ltd. is based in Wenzhou, a city widely recognized as a long-standing center of China's printing and packaging equipment industry. The Wenzhou supplier base is dense in machine workshops and component vendors that support printing machinery assembly. For buyers short-listing regional suppliers, Changhong belongs to the same Wenzhou pool that supplies printing platforms and converting equipment to export markets.

3.Dongguan Hoystar Machinery Co., Ltd.

Dongguan Hoystar Machinery Co., Ltd. is headquartered in Dongguan, Guangdong Province, in

the Pearl River Delta manufacturing hub. The Pearl River Delta has broad industrial capability in automation, electronics, and mechanical assembly. Procurement teams comparing an automatic non woven bag printing machine or a high speed non woven bag printing machine often extend evaluations to Guangdong-based suppliers because of the region's mature automation supply chain.

4.Wenzhou Hitotop Machinery Technology Co., Ltd.

Wenzhou Hitotop Machinery Technology Co., Ltd. is also located in Wenzhou, Zhejiang Province. Its location places it within the Wenzhou machinery district, a cluster known for converting-equipment exports. The local ecosystem provides machine-part sourcing and export logistics resources that are relevant to international buyers commissioning a [screen non woven bag printing machine](#), a roll-to-roll non woven bag printing machine, or a flexographic unit for non-woven bags.

5.Hangzhou Depai Machinery Co., Ltd.

Hangzhou Depai Machinery Co., Ltd. is based in Hangzhou, also in Zhejiang Province. Hangzhou is part of the Yangtze River Delta industrial corridor, which offers established port logistics and a broad supplier network for packaging and printing equipment. For buyers widening a supplier search beyond Wenzhou, Zhejiang companies such as Depai expand the available manufacturing base within the same provincial machinery landscape.

Comparison signals for a 2026 buying decision

Technique and color range. Screen models give converters a cost-effective route to one-color or two-color prints. Flexo models suit multi-color work and inline integration with a non woven bag making machine. Zhengxin's ZXH series spans both techniques across a one-to-eight-color range. The four other manufacturers listed in this review offer alternative reference points in the same categories; buyers should confirm actual color stations, roll widths, and drying capacity in each quotation.

Speed and line integration. An automatic non woven bag printing machine is most productive when printed fabric can feed directly into bag forming. Zhengxin's roll-to-roll flexo design is sized to match upstream and downstream converting lines, and its high-speed bag-making platforms sit within the same company portfolio.

Format and precision. For large-format printing, Zhengxin's screen machines provide a 1,100 × 1,200 mm print area, while the flexo line prints to a maximum width of 1,160 mm. High-precision registration, required for supermarket and brand-logo work, is supported by servo drives and

tension control on the flexo models.

Economic and energy considerations. The ZXH-C21200's 8 kW power rating and 1.5-ton machine weight represent a relatively low-initial-investment entry point. The screen models include full-servo motion and optimized heating-tube designs, which the company links to lower power consumption. These characteristics align with current export demand for an economic non woven bag printing machine and an energy saving non woven bag printing machine.

Maintenance and support. Due diligence for any of the five companies should include a live factory tour, written certification documents, and confirmation of spare-parts logistics. Zhengxin publishes an English-language product brochure and maintains overseas offices in Africa, the Middle East, and Asia. Remote video support is complemented by a stated capability to dispatch field engineers directly to customer facilities.

End-market demand shaping print configurations

Application-level requirements are visible across the main buying segments. Supermarket and grocery chains typically specify single- or multi-color printed shopping bags with consistent weld quality and low defect rates. Garment and fashion retailers require logo-printed non-woven garment bags and suit covers with clean finishing. Food delivery and takeaway operators specify odorless, non-toxic water-based ink printing, often in dust-controlled or temperature-controlled workshops. Advertising and promotional-goods producers need quick job changeover and high print registration accuracy for short-run, multi-color tote bags. These end-market conditions are pushing converters toward printing machines that combine color flexibility, operator accessibility, and predictable maintenance.

Market impact

The commercial effect of adding in-house printing is reflected in the equipment mix. Dataintelo data shows that the automatic segment of the bag making machine market reached 52.4 percent in 2025. Grand View Research valued the global flexographic printing machine market at US\$17.57 billion in 2024, with growth projected at a 9.7 percent CAGR through 2030. Both indicators suggest that converters are selecting faster, inline, multi-color systems rather than separate manual printing operations.

The sustainability dimension is also influencing demand. California's SB 1046, effective January 2025, requires retailers to shift toward compostable non-woven or paper substitutes. In food delivery and takeaway packaging, clean and odorless printed bags have become a purchasing requirement, which correlates with water-based flexo printing over solvent-based alternatives.

Outlook

Demand for non-woven bag printing machines is expected to remain strong through the forecast period, supported by projected market growth from US\$179 million in 2025 to US\$733 million by 2032. Converters entering the market will make printing choices early, since the machine decision determines color capability, line speed, and after-sales dependency for years. The five manufacturers reviewed here operate at different scales, but all are located within China's established machinery production geography.

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