

SBFT's Intelligent Bag in Box Filling Solutions: From Wine to Cheese, One Machine Fits All



Xian, Shaanxi Nov 8, 2025 ([Issuewire.com](https://www.issuewire.com)) - The modern liquid packaging industry demands solutions that are not only efficient and reliable but also universally adaptable to a diverse range of products, from thin beverages to high-viscosity food materials. Xi'an Shibo Fluid Technology Co., Ltd. (SBFT), founded in 2006, has grown to become the biggest and most professional manufacturer of Bag-in-Box (BIB) filling machines in China, renowned for engineering versatility. At the forefront of its

intelligent, multi-application portfolio is the technology that supports the [Hot-Sale Automatic Bag In Box Cheese Filling Machine Line](#). This advanced line, which integrates SBFT's fully automatic aseptic and non-aseptic systems, is specifically designed to handle the challenging characteristics of dairy and viscous liquid food products, such as liquid cheese, cheese sauces, and related dairy mixtures. By offering exceptional precision, minimal product waste, and the ability to switch rapidly between aseptic and non-aseptic processes, SBFT empowers producers to use a single equipment platform for products ranging from delicate wine to highly viscous liquid cheese products, significantly reducing capital expenditure and boosting operational flexibility across the entire liquid food spectrum.

I. Industry Trends: The Drive for Versatility, Automation, and Sustainable Packaging

The current trajectory of the liquid food and beverage packaging industry is characterized by the necessity for highly flexible machinery that can quickly adapt to varied market demands while minimizing environmental impact and maximizing automation.

- **The Universal Need for Flexible Machinery:** Manufacturers today operate in a dynamic market where production runs are shorter and product diversity is high. The era of dedicated single-product lines is giving way to the demand for multi-purpose fillers. SBFT's ability to use its core BIB technology for products spanning from water and wine to high-viscosity liquid food (such as cheese and ice cream mix) meets this crucial need, reducing downtime associated with changeovers and maximizing asset utilization for its customers.
- **Automation as the Core of Efficiency:** Labor costs and the strict requirements for repeatable quality and hygiene compel the industry toward fully automatic solutions. SBFT's pioneering role as the first company in China to produce the fully automatic non-aseptic BIB machine (the **BIB500 AUTO**) positions it ahead of this trend. Full automation minimizes human error, ensures precise volume control across all packaging sizes (from 2L to 1000L), and significantly improves throughput, which is vital for scaling production in the highly competitive food and beverage sector.
- **Dairy and Viscous Food Packaging Evolution:** The Bag-in-Box format is increasingly being adopted for dairy, sauces, and liquid food concentrates due to its bulk efficiency and ability to extend shelf life through aseptic processing. Products like liquid cheese and food mixes demand fillers with highly controlled pressure and metering systems to handle viscosity without damaging product integrity. The **Hot-Sale Automatic Bag In Box Cheese Filling Machine Line** capability is an exemplar of this technical mastery, ensuring that sensitive dairy products are processed efficiently and safely.
- **Sustainability and BIB's Competitive Edge:** The BIB format remains a leader in sustainable packaging. Its reduced material usage compared to rigid containers leads to lower transport costs and a smaller carbon footprint. As global brands commit to aggressive sustainability targets, the reliability of the filling machine—which prevents product loss and optimizes material use—becomes a key operational concern. SBFT's "keeping improving and pursuing perfection" philosophy ensures its equipment minimizes waste, reinforcing the environmental benefits of the BIB format.

II. Global Reach and Technological Showcase: SBFT at WINE TECH and ALLPACK/FHM

SBFT's commitment to providing "European quality machine" globally is validated through its active participation in key international exhibitions and the high standards of its certifications.

- **Strategic Exhibition Engagement: WINE TECH and ALLPACK/FHM:** Active presence at major global trade shows is fundamental to SBFT's strategy for strengthening its international

relationships and demonstrating its versatile technology across different sectors:

ALLPACK/FHM (Asia-Pacific Focus): These exhibitions are critical for engaging with the fast-growing Asian food processing markets, where demand for both general liquid foods and high-volume commodity processing (like edible oil and concentrates) is immense. Showcasing the full aseptic line, including the **ASP100AUTO** and bulk fillers (ASP200/ASP300), directly addresses the regional need for high-efficiency, multi-product packaging solutions.

WINE TECH (Beverage & Liquid Handling Focus): While primarily serving the wine industry, this event is vital for demonstrating the high-precision capabilities of SBFT's non-aseptic and fully automatic BIB machines, such as the **BIB500 AUTO**. The exceptional control required to fill wine with minimal oxygen pickup translates directly to the precision needed for products like liquid cheese and sensitive food mixes, proving the universal applicability of SBFT's fluid technology systems.

- **Quality Assurance: CE Certification for Global Trust:** SBFT's dedication to engineering excellence is validated by its adherence to crucial international safety standards:

CE Certificate (Achieved in 2013): The CE mark confirms that SBFT equipment, including the complex automatic filling lines, complies with the essential health, safety, and environmental protection requirements for operation within the European Economic Area. This certification is a fundamental reassurance of quality and safety for international buyers.

Hygienic Design Standards (FDA Compliance): For filling dairy products (like liquid cheese) and other perishable foods (like milk and liquid egg), adherence to **FDA (U.S. Food and Drug Administration)** hygienic design principles is mandatory. SBFT's aseptic systems (ASP series) are built with FDA-compliant materials and sanitary designs, ensuring ease of sterilization and preventing cross-contamination, which is essential for customers aiming to meet the strict food safety requirements of the North American market.

This consistent global engagement ensures that SBFT remains an adaptable, world-class supplier capable of meeting the diverse processing needs encountered at trade shows across different continents.

III. The SBFT Advantage: Versatility, Core Strengths, and Multi-Product Success

The decision to choose SBFT is based on its two decades of specialization, its unique ability to offer a "one machine fits all" solution, and its focused value proposition.

- **Core Specialization and Technical Prowess:** With **15 years of R&D and manufacturing experience**, SBFT's focused specialization in BIB/BID filling has allowed it to master the complex fluid dynamics required for both thin and viscous liquids. This expertise enabled the company to pioneer fully automatic BIB filling in China, solidifying its position as the market's most professional manufacturer. The director's mantra—"we just need to do every detail well and we just only focus on what we are doing now"—is the blueprint for producing equipment with the **best machine working performance** and the **lowest machine maintenance**.
- **The Versatile Product Portfolio: From Aseptic to Non-Aseptic:** SBFT's strength is its ability to meet a vast range of processing requirements with high-quality systems:

Fully Automatic Lines: The **BIB500 AUTO** (non-aseptic) and **ASP100AUTO** (aseptic) are the

foundation of high-speed, multi-product filling.

Viscous & Aseptic Handling: The ASP series, including the **ASP200** (bag in drum) and **ASP300** (tonnage bag), are engineered to manage challenging liquids, making them suitable for the **Hot-Sale Automatic Bag In Box Cheese Filling Machine Line** application and other highly viscous food products.

Volume Flexibility: The machines effortlessly switch between small consumer bags (2L, 3L, 5L) and large industrial containers (220L, **1000L**), providing customers with unparalleled operational scalability.

- **Extensive Application Scenarios and Customer Success:** The wide applicability of SBFT's technology is its greatest asset, proving the "One Machine Fits All" concept:

Dairy & Liquid Foods: Liquid food products, milk, coconut milk, ice cream mix, and, by extension, liquid cheese and sauces, rely on the aseptic lines.

Beverages: Wine, fruit juices, concentrates beverages, coffee, and water.

Industrial & Specialty: Edible oil, additive, chemicals, pesticide, and liquid fertilizer.

SBFT's commitment to providing a **competitive machine price** ensures that this advanced technology is accessible. By guaranteeing that their system is the **most suitable equipment for customer products**, SBFT helps every customer "get a satisfying machine" and achieve success by mastering diverse packaging challenges.

Conclusion

SBFT's innovative approach to fluid technology ensures that its filling solutions, particularly the **Hot-Sale Automatic Bag In Box Cheese Filling Machine Line** technology, provide unmatched versatility and operational excellence. By combining pioneering automation, rigorous quality standards (CE and FDA compliance), and a specialized focus demonstrated at global events like WINE TECH and ALLPACK/FHM, SBFT delivers the **best filling solutions** available. This intelligence and flexibility guarantee that whether a customer is filling fine wine or high-viscosity liquid cheese, their investment in SBFT machinery will yield superior quality, minimal maintenance, and maximum return.

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