

SBFT Strengthens Its Global Reach with Innovative Aseptic BID Tomato Paste Filling Systems



Xian, Shaanxi Nov 8, 2025 ([Issuewire.com](https://www.issuewire.com)) - The global food processing industry, particularly the sector dealing with high-viscosity commodities like tomato paste, fruit purees, and vegetable concentrates, requires bulk packaging solutions that guarantee both microbial safety and operational efficiency. Xi'an Shibo Fluid Technology Co., Ltd. (SBFT), established in 2006 and now recognized as the biggest and most professional manufacturer of Bag-in-Box (BIB) filling machines in China, is

solidifying its international position by specializing in advanced aseptic technology. At the core of this global expansion is the sophisticated [China Leading Aseptic BID Tomato Paste Filling Machine](#). This system, exemplified by SBFT's specialized ASP200 and ASP300 models, is engineered to handle the unique challenges of filling high-solids, viscous products into 220-liter drums (Bag-in-Drum, or BID) and 1000-liter containers. By ensuring that the paste is filled under perfectly sterile conditions, utilizing robust Steam-In-Place (SIP) capability, and employing precise valve technology, SBFT enables its global clientele to maintain the consistent quality, color, and flavor of their products while achieving the long, non-refrigerated shelf life necessary for cost-effective international bulk trade.

I. Industry Trends and Market Outlook: The Critical Role of Aseptic Bulk Packaging

The liquid food and concentrate sector is currently driven by a confluence of regulatory pressures, logistical demands, and consumer focus on food safety, all of which favor high-quality aseptic bulk packaging solutions.

- **The Global Commodity Trade and Aseptic Necessity:**High-volume commodities like tomato paste are traded internationally, often traversing vast distances and requiring months of stable storage. This mandates that packaging must be both durable and strictly aseptic to prevent spoilage without chemical preservatives or reliance on the costly cold chain. The demand for **Aseptic BID Tomato Paste Filling Systems** is thus directly proportional to the growth of the processed food industry, driving manufacturers to seek out specialized, reliable machinery providers like SBFT.
- **Handling High Viscosity and Solids:**Tomato paste presents a significant engineering challenge: its thickness and high solids content require specialized filling mechanisms that ensure the product flows consistently without separation, pulsation, or damage to its structure. The most advanced aseptic fillers must combine high-speed production with gentle handling. SBFT's expertise in fluid dynamics, honed over fifteen years, is critical here, allowing its ASP series to process even the most challenging liquid food products with high accuracy.
- **Automation and Traceability Driving Efficiency:**As food safety standards become more stringent, automation is essential for minimizing human contact and ensuring repeatable, verifiable sterility. The market demands fully automatic systems that integrate seamlessly into existing production lines and offer comprehensive data logging for traceability. SBFT's focus on fully automatic models reflects this trend, guaranteeing operational consistency and reduced labor dependency across large-scale processing facilities.
- **Sustainability in Bulk Packaging:**While the environmental spotlight often falls on consumer packaging, the sustainability of bulk packaging is equally important. The BID format significantly reduces the weight and volume of packaging material compared to traditional drums or rigid containers, lowering shipping costs and reducing the overall environmental footprint of global food logistics. This inherent sustainability of the BIB/BID format is a key factor in its increasing adoption across the food and beverage industry worldwide.

II. Global Verification: Exhibitions and Quality Credentials for International Trust (Approx. 370 words)

SBFT's success in strengthening its global reach is validated through its adherence to critical quality standards and its active presence on the international stage, demonstrating its capability to deliver "European quality machine" from China.

- **Certifications for Global Market Access:**Quality assurance is non-negotiable for fluid technology equipment. SBFT's certifications are a critical pillar of its global outreach strategy:

CE Certificate (Achieved in 2013): This foundational mark confirms that SBFT's machinery meets the essential health, safety, and environmental protection requirements for products sold within the European Economic Area (EEA). The CE mark is instrumental in allowing the company to compete directly in sophisticated markets and confirms the robustness of its mechanical and electrical designs.

FDA Standard Compliance: For aseptic filling of food products like tomato paste, liquid egg, and milk, compliance with **FDA (U.S. Food and Drug Administration)** standards for hygienic design is crucial. SBFT designs its aseptic contact surfaces and fluid pathways to eliminate microbial harborage points, ensuring they are readily sterilizable (via SIP) and cleanable (via CIP). This commitment to FDA hygienic principles ensures that SBFT's systems can be trusted by customers who supply the highly regulated North American food market.

- **Strategic Exhibition Engagement: WINE TECH and ALLPACK/FHM:** SBFT leverages key international trade shows to directly engage customers, showcase product performance, and reinforce its global credentials:

ALLPACK/FHM (Food & Hotel Malaysia, Allpack Indonesia, etc.): These exhibitions are vital gateways to the thriving Asian food processing sector. By exhibiting high-solids equipment like the Aseptic BID Filler, SBFT connects directly with large-scale producers of fruit concentrates and sauces, solidifying its dominant position in the region's bulk food industry.

WINE TECH: While focused on wine, this platform is essential for demonstrating SBFT's mastery of fluid handling and aseptic process control. The extreme precision required to handle both delicate wine and high-viscosity paste proves the advanced capability of its entire ASP aseptic portfolio, increasing confidence among all liquid food and beverage producers.

This proactive exhibition strategy allows SBFT to demonstrate the reliability and precision of the **Aseptic BID Tomato Paste Filling Systems** and ensures the company remains responsive to the specific logistical and regulatory needs of its diverse international clientele.

III. The SBFT Advantage: Specialization, Versatile Applications, and Value Proposition

SBFT's competitive advantage stems from its focused expertise, demonstrated innovation, and a pragmatic, customer-centric philosophy articulated by its director: **"we just need to do every detail well and we just only focus on what we are doing now."**

- **Unwavering Specialization and Pioneering History:** With fifteen years of R&D and manufacturing experience, SBFT is not a generalist; it is a specialist fluid technology provider. This focus allowed it to become the "biggest and most professional" BIB filler manufacturer in China and to pioneer the fully automatic BIB machine in China with the launch of the **BIB500 AUTO**. This heritage of innovation underpins the reliability of all its products, including the specialized BID systems.
- **Comprehensive Aseptic and Bulk Portfolio:** SBFT offers a full spectrum of filling solutions tailored to various viscosities and volumes:

The ASP Series: This core aseptic portfolio includes the **ASP100** and **ASP100AUTO** for consumer BIB bags, and critically, the **ASP200 bag in drum aseptic filling machine** and the **ASP300 tonnage aseptic filling machine** for large-scale bulk products. This bulk capability is vital for the commodity markets served by the **Aseptic BID Tomato Paste Filling Machine**.

Volume Flexibility: SBFT efficiently handles bags from 2L, 3L, 5L up to massive 220L and 1000L large-scale BIB/BID bags, catering to virtually every industrial packaging requirement.

- **Extensive Product Application:** SBFT's equipment is trusted across a vast range of applications, highlighting its versatility:

High-Viscosity & Aseptic Foods: Tomato paste, fruit juices, concentrates beverages, liquid egg, milk, coconut milk, ice cream mix, liquid food products.

General Liquids: Water, wine, edible oil, coffee.

Industrial/Chemicals: Additive, chemicals, pesticide, liquid fertilizer, and other non-food liquid products.

- **Customer-Centric Value Proposition:** The SBFT value proposition is transparent and focused on the bottom line:

Best Performance & Lowest Maintenance: The rigorous "keeping improving" philosophy ensures the **best machine working performance** and the **lowest machine maintenance**.

Competitive Pricing: By offering a quality comparable to European machines at a **competitive machine price**, SBFT maximizes the customer's return on investment. The ultimate goal is to help every customer "get a satisfying machine," ensuring the SBFT filling machine is the **most suitable equipment for customer products** in their specific global supply chain context.

Conclusion

SBFT's global expansion is built upon the foundation of superior engineering and deep specialization in aseptic bulk packaging. By integrating high-level automation, adhering to global standards like CE and FDA hygienic design, and demonstrating its capabilities at international venues like WINE TECH and ALLPACK/FHM, SBFT ensures that its innovative **Aseptic BID Tomato Paste Filling Systems** continue to set the benchmark for safety, sterility, and efficiency. This commitment to detail reinforces SBFT's position as a critical partner for food processors worldwide aiming to strengthen their own global supply chains.

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