

China Leading Aseptic BID Tomato Paste Filling Machine: The Secret Behind Consistent Product Quality



Xian, Shaanxi Nov 5, 2025 ([Issuewire.com](https://www.issuewire.com)) - In the demanding global market for processed foods, maintaining the color, flavor, and microbial safety of high-viscosity products like tomato paste is a critical factor for success. This requires highly specialized and reliable packaging equipment that can handle large volumes while guaranteeing absolute sterility. Xi'an Shibo Fluid Technology Co., Ltd. (SBFT), leveraging its two decades of expertise, stands as the biggest and most professional manufacturer of

Bag-in-Box (BIB) and Bag-in-Drum (BID) filling machines in China. SBFT is proud to highlight its specialized equipment, the [China Leading Aseptic BID Tomato Paste Filling Machine](#), which represents the pinnacle of high-solids aseptic processing technology. This specific machine, exemplified by SBFT's ASP series (such as the ASP200 for drum filling), is expertly designed to aseptically fill high-viscosity products like tomato paste, fruit purees, and concentrates into 200-liter drums or 1000-liter containers. The secret to its consistent product quality lies in its precise metering, robust sterilization-in-place (SIP) capability, and advanced filling valve technology, which ensures that the paste retains its high quality and achieves the extended, non-refrigerated shelf life essential for international bulk shipping.

I. Industry Trends and Market Outlook: The Growing Need for Aseptic Bulk Processing

The market for high-volume, processed food ingredients is undergoing a significant transformation, driven by global demand for convenience, safety, and supply chain efficiency. This shift fundamentally relies on advanced aseptic packaging solutions.

- **Global Demand for Processed Ingredients:** Tomato paste, fruit purees, and high-solids concentrates are foundational ingredients for food manufacturers worldwide, used in everything from sauces to ready meals. To meet this massive, global supply chain demand, ingredients must be shipped in bulk and maintain quality without costly refrigeration. This necessity directly fuels the demand for high-capacity Aseptic Bag-in-Drum (BID) and Bag-in-Box fillers. The consistency and efficiency provided by the **China Leading Aseptic BID Tomato Paste Filling Machine** are thus critical enablers of the modern global food economy.
- **The Crucial Role of High-Viscosity Aseptic Technology:** Filling products like thick tomato paste requires specialized equipment. Unlike low-viscosity liquids (like water or wine), pastes and concentrates demand high-pressure pumps and custom filling nozzles to ensure smooth flow without damaging the product structure. Furthermore, the aseptic process must be flawlessly executed to prevent microbial contamination. Market leaders are focusing on machines that can handle high-solids content while performing sterilization with precision, validating the expertise of manufacturers like SBFT.
- **Focus on Traceability and Food Safety Standards:** Post-harvest processing requires fillers that comply with the strictest international food safety guidelines. The demand for equipment that is easy to clean, sterilize, and validate is higher than ever. Buyers globally are actively seeking out manufacturers who demonstrate verifiable commitment to standards through quality design and continuous process improvement—a principle reflected in SBFT's "European quality machine" aspiration. The reliability of the aseptic barrier is the single most important factor ensuring the extended, non-refrigerated shelf life that drives significant cost savings in global logistics.
- **Efficiency in Large Volume Packaging:** The economic viability of bulk trade hinges on maximum fill accuracy and minimal spillage, particularly in 200L drums and 1000L Intermediate Bulk Containers (IBCs). Automation, exemplified by SBFT's fully automatic capabilities, ensures that this bulk packaging process is carried out quickly, efficiently, and with the utmost precision, reducing labor costs and maximizing product throughput.

II. Global Verification: SBFT's Presence at Key Exhibitions and Quality Credentials

SBFT's commitment to providing globally competitive fluid technology solutions is actively demonstrated through its participation in major international exhibitions and its adherence to recognized quality standards.

- **Strategic Global Exhibition Engagement:** Maintaining a strong physical presence at international trade shows allows SBFT to showcase its complex aseptic technology and engage directly with the global processing industry, particularly the high-viscosity food sector. SBFT is a regular exhibitor at:

PROPAK/ALLPACK/FHM: These exhibitions across Asia provide vital platforms for SBFT to solidify its market dominance in the rapidly growing Asian food processing and packaging markets, where demand for products like tomato paste and coconut milk concentrates is soaring.

CIBUS/GULFOOD Machinery: Targeting the European, Middle Eastern, and African food processing industry, these events allow SBFT to present its bulk aseptic solutions (like the ASP200) to major international commodity traders and food manufacturers who rely on bulk imports of purees and concentrates.

WINE TECH: While primarily focused on wine, this exhibition is crucial for showcasing SBFT's broader fluid handling and aseptic expertise. The precision and sterility required for high-solids filling (tomato paste) are transferable to other high-value beverages and concentrates, demonstrating the versatility and high-end capability of the SBFT product line.

- **Certified Quality Assurance (CE Mark):** SBFT obtained its **CE certificate in 2013**, confirming that its machinery, including the advanced **China Leading Aseptic BID Tomato Paste Filling Machine**, meets the mandatory health, safety, and environmental protection requirements for products sold within the European Economic Area. This certification is a fundamental requirement for exporting high-end industrial machinery and affirms the company's commitment to "European quality machine" standards in its design and manufacturing processes.

This strategic presence ensures that SBFT remains aligned with global industry trends, directly addressing the sophisticated needs of international buyers seeking reliable and certified aseptic filling solutions.

III. The SBFT Advantage: Specialization, Bulk Solutions, and Applications

SBFT's rise to become the "biggest and most professional bag-in-box filling machine manufactured in China" is rooted in its profound specialization, technological pioneering, and customer-focused approach—a philosophy captured by the director's emphasis on perfecting every detail.

- **Unmatched Experience and Focused Expertise:** With **fifteen years of R&D and manufacturing experience**, SBFT's competitive edge lies in its deep, specialized focus on BIB and BID fluid technology. This specialization means that every machine, particularly the complex aseptic systems, benefits from dedicated engineering effort, leading to superior performance and reliability. The company's commitment to **"keeping improving and pursuing perfection"** ensures that the **best machine working performance** is consistently delivered.
- **Core Technological Leadership in Aseptic Bulk Filling:** The company's portfolio is built around solving high-level challenges, such as:

Aseptic Excellence: The ASP series (**ASP100, ASP100AUTO, ASP200 bag in drum, ASP300 tonnage aseptic filler**) is designed to handle products requiring extended shelf life, essential for liquid egg, milk, fruit juices, and of course, tomato paste. The **ASP200** is specifically optimized for efficient,

sterile filling of 220L drums—the standard container for bulk tomato paste transport.

Volume Versatility: While specializing in bulk filling (220L and **1000L** large-scale bags), SBFT also provides solutions for smaller consumer BIB formats (2L, 3L, 5L), demonstrating a complete market coverage.

- **Diverse Application Success:** SBFT's machines are relied upon for a vast range of products, underscoring their versatility and reliability:

High-Viscosity Foods: Tomato paste, fruit juices, concentrates beverages, liquid egg, ice cream mix.

Aseptic Liquids: Milk, coffee, coconut milk.

General Liquids: Water, wine, edible oil.

Industrial Products: Additive, chemicals, pesticide, liquid fertilizer

- **Customer Value Proposition:** SBFT is committed to ensuring its machinery is the "most suitable equipment for customer products." This commitment is realized through a clear value structure: providing the **lowest machine maintenance** through quality design and offering a **competitive machine price**, allowing customers to achieve success by receiving a satisfying machine that meets their specific bulk packaging needs for products like tomato paste.

Conclusion

For food processors requiring consistent product quality, extended shelf life, and high-volume output in bulk packaging, choosing the right equipment is paramount. SBFT's specialized ASP series, including the **China Leading Aseptic BID Tomato Paste Filling Machine**, offers the critical combination of high-solids handling capability, robust aseptic processing, and certified quality. Backed by **15 years of experience** and a global exhibition presence, SBFT ensures that bulk ingredients like tomato paste maintain their excellence from the factory floor to the final destination, securing the profitability and reputation of its customers worldwide.

Website: <https://www.bibfiller.com/>

Media Contact

Xi'an Shibo Fluid Technology Co., Ltd. (SBFT)

*****@xashibo.com

+86 029 89015941

Source : Xi'an Shibo Fluid Technology Co., Ltd. (SBFT)

[See on IssueWire](#)