



SF&DS<sup>®</sup>

## AsepFlex™ Linear Pouch Filler



High-capacity aseptic filler  
for pre-made, spouted pouches

JBT Corporation, through its SF&DS business unit, is a global supplier of aseptic processing and packaging solutions. Established in the late 1960s, JBT SF&DS has a long, successful track record in aseptic bottle filling.

Our AsepTec® aseptic linear filler is renowned for its excellent performance in filling plastic bottles. JBT has added to this range of aseptic fillers the AsepFlex™ Linear Aseptic Pouch Filler, an aseptic filler for pre-made, spouted pouch applications.

#### End-user benefits of a spouted pouch

- ✓ Convenient for on-the-go consumption
- ✓ Lightweight
- ✓ Unbreakable

#### End-user benefits for aseptically filled pouches

- ✓ Product Quality  
Aseptic processing provides better preservation of taste and nutritional value.
- ✓ Clean Label  
Aseptic processing allows recipes without the need for preservation additives.
- ✓ Food Safety  
Aseptic processing ensures micro-biologically safe products.

#### Applications

- ✓ Baby and toddler nutrition
- ✓ Low-acid dairy products
- ✓ Nutraceuticals
- ✓ Sports gels and drinks
- ✓ Smoothies and juices
- ✓ Liquid snacks and desserts
- ✓ ...

#### Why are top brands switching to pouches for their product packaging needs?

- ✓ Pouches are truly flexible and adaptable to meet various product requirements.
- ✓ Pouches allow you to print eye-catching, high-quality custom designs and, thereby, increase product visibility in the retail setting.
- ✓ Pouches enable you to clearly print all nutritional and marketing information without having to apply labels. Using high-quality rotogravure printing you can really make your products stand out.
- ✓ Pouches are lightweight and reduce your storage space. Pouches also use fewer resources to produce than other common types of packaging.
- ✓ Plastic pouches cut down the environmental impact of your products by reducing the carbon footprint during transportation and producing less waste upon disposal.

#### Authority and Validation Services

JBT provides advanced world-wide process authority and validation services in support of aseptic processing and filling technologies. Services include compliance/regulatory audits, aseptic thermal process design, validation of low-acid aseptic filler technologies, and complete FDA-product filing support.



## How is the AsepFlex filler setting the standards in aseptic pouch filling?

### FDA Approved

The AsepFlex filler meets stringent FDA requirements for aseptically filled low-acid food products. Our filler meets the highest aseptic standards, achieving a failure rate of 1:100,000.

### Proven Technology

For over 50 years, JBT has supported processors with aseptic processing and packaging solutions for various applications. In fact, the AsepFlex filler uses the same proven technology as our widely accepted AsepTec linear bottle filler.

### Reliable aseptic performance yet still flexible

In our relentless effort to lower the operating cost of the AsepFlex filler, continuous runs of over 120 hours are now the new standard.

The AsepFlex filler has been designed to handle pre-made spouted pouches to ensure low reject rates. The AsepFlex filler's linear concept and neck handling system provides outstanding flexibility, with changes to pouch format or product being carried out in minutes without breaking the aseptic condition of the machine. Thanks to the modular design, the filler can be configured for a multitude of applications.

Special modules are designed to sterilize, fill and close the pre-made spouted pouches. Both pouches and caps are fully sterilized using hydrogen peroxide vapor.

The machine is equipped with JBT's unique aseptic screw capping module, which controls both application torque and position of the screw cap.

Additional features such as multi-flavor filling or filling plastic bottles and pouches on the same machine are technically possible.

**“The AsepFlex filler ensures high-hygienic filling of pre-mounted spouted pouches at a low total cost of ownership”**

CAPACITY RANGE	CONFIGURATION FOR ESL*		CONFIGURATION FOR FULL FDA ASEPTIC			
	LANES	8	12	8	12	16
MACHINE CAPACITY (ppm)	333	500	250	375	500	
MACHINE CAPACITY (pph)	20,000	30,000	15,000	22,500	30,000	

\*ESL = Extended Shelf Life



Pouch in-feed system



Pouch grippers



**Sterideal® UHT Systems**



**Steritank**



**BottleTec™  
Blow Molding**



**AsepTec®  
Linear Bottle Filler**

## If you're thinking of Aseptic Processing & Packaging, JBT is a partner you can trust.

At the end of the production line, product quality, food safety and shelf life of your products depend on the effective aseptic processing, filling and packaging. JBT has integrated these three stages in one aseptic solution. JBT supplies a range of pasteurizers, aseptic storage tanks, bottle blow molding units and aseptic fillers. All units are engineered to be fully integrated with each other and with your specific production process requirements.

### COUNT ON JBT TO HELP PROTECT YOUR INVESTMENT

JBT's greatest value in PRoCARE® services comes from preventing unexpected costs through smart, purposeful, and timely maintenance based on unmatched knowledge and expertise. PRoCARE service packages are offered as a maintenance agreement in various service levels, depending on your production and cost management requirements.



### JBT LIQUID FOODS

FRESH PRODUCE TECHNOLOGIES | FRESH-CUT, ROBOTICS, STEAMING | FRUIT AND VEGETABLE PROCESSING | SECONDARY PROCESSING | ASEPTIC SYSTEMS | FILLING AND CLOSING | IN-CONTAINER STERILIZING | TRAY SEALING | HIGH-PRESSURE PROCESSING | POWDER PROCESSING | TUNA PROCESSING

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