



Filling



Closing

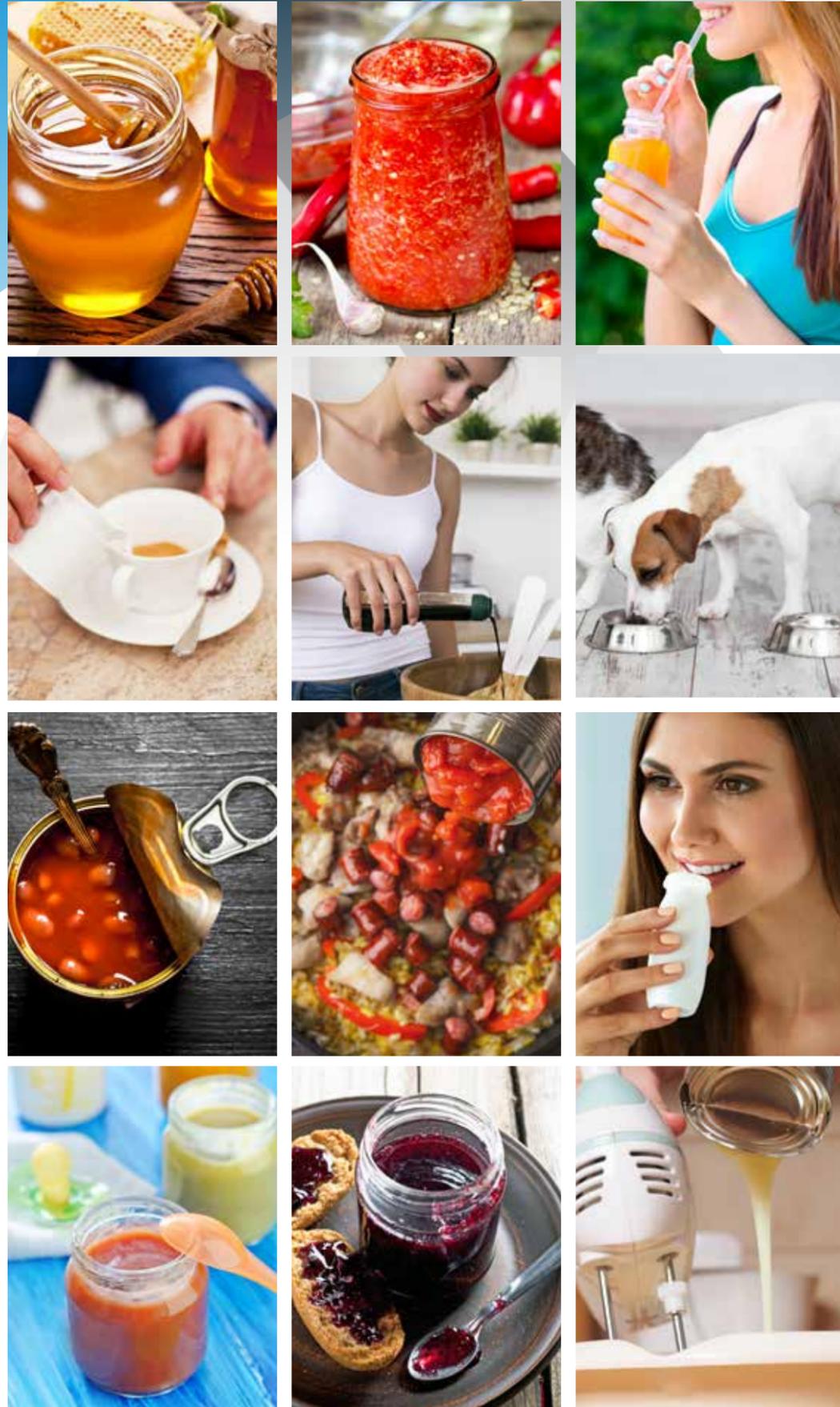


Sterilizing

## Unifiller

Volumetric Rotary Filler





# JBT Unifiller

## The perfect fit for your product

Capable of filling almost any kind of semi-rigid or rigid container (glass, cans, bottles), the JBT Unifiller is a piece of technology engineered to provide you with the best quality in filling, with fast and efficient product change-over, fast Clean-In-Place with optional total automation. No disassembly, no manual cleaning.

The Unifiller's heavy-duty, highly robust design and unique filling concept results in superior filling accuracy and trouble-free use, even after many years of operation.

The Unifiller delivers high performance keeping your operational costs down. This filler is a versatile asset too, capable of adapting to each of your products, container designs and container types.



## High-Hygienic Design

Clean-In-Place (CIP) without fill station disassembly

The unique self-draining fill station design without seals allows product and cleaning liquids to be drained automatically from fill station and fill bowl, without disassembly and manual intervention. All product contact parts are executed in 316 stainless steel or food approved premium polymers.

### BENEFITS

- ✓ Fast product change-over
- ✓ Minimum downtime for cleaning
- ✓ Reduced risk of fill station damage during disassembly
- ✓ Reduced operator time
- ✓ Consistent, reliable cleaning process



## Product & Fill Volume Flexibility



The Unifiller concept offers unmatched product versatility: from low viscous products without particles, to high viscous products with particles; both cold and hot fill. The large product ports and short product path allow filling of high viscous products, with or without particles. A broad range of fill stations, from 100 cc to 1,500 cc, allows for selecting the optimum configuration for each application and line speed from 100 to 1500 cpm/hr.



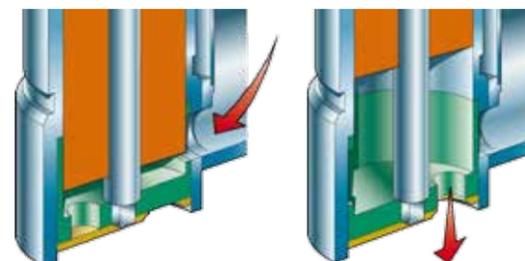
- ✓ Liquid dairy products
- ✓ Fruit juices with particles
- ✓ Non-carbonated beverages
- ✓ Nutritional drinks
- ✓ Canned ready meals & soups
- ✓ Jams, spreads and honey
- ✓ Canned pet food
- ✓ Sauces, dressings and condiments
- ✓ Baby food

## Fill Accuracy & Gentle Product Handling

The unique valve design - with a short product path - allows fast switching of the valve, resulting in high fill accuracy. Unifiller fill nozzles are designed especially for their specific application and can be exchanged easily. The custom-fit nozzles increase accuracy and minimize product drip for even the most complex products.

### BENEFITS

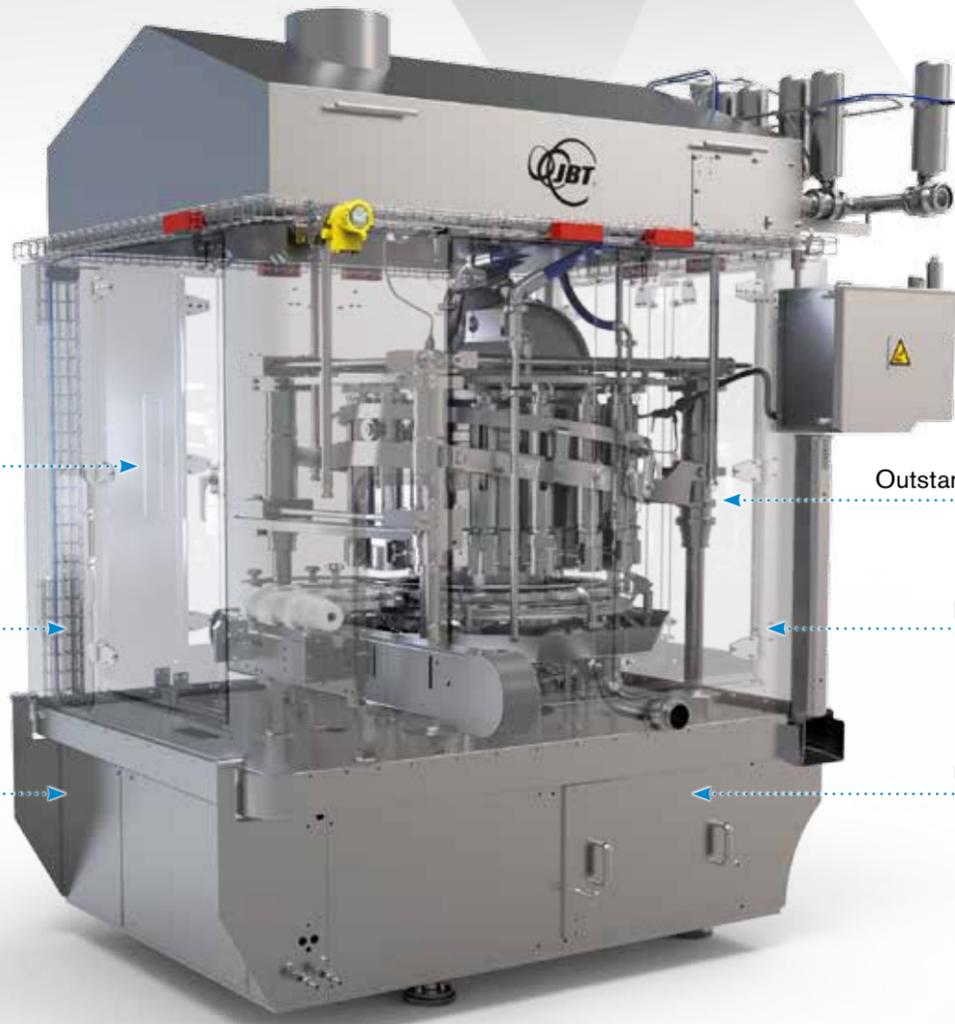
- ✓ Minimum product give-away
- ✓ Reduced spillage / product loss
- ✓ Gentle product handling
- ✓ Consistent headspace for trouble-free in-container sterilization
- ✓ A cleaner machine, cleaner containers and minimum risk of contamination of the rim for more consistent seals.



## Container Flexibility



- ✓ Metal cans
- ✓ Glass jars
- ✓ Glass bottles
- ✓ Plastic bottles



CIP without manual intervention

Fast product & format change-over

Gentle product handling

Outstanding fill accuracy

Unmatched product versatility

Low maintenance cost



### UNMATCHED & PROVEN PERFORMANCE

JBT Unifiller in a stand-alone configuration

The perfect fit for your line

- ✓ Easy synchronisation with rinsers and cappers
- ✓ Flexibel configuration from 8 to 81 filling stations
- ✓ Line speeds from 100 to 1500 cpm



### AN OUTSTANDING MARIAGE

A JBT Unifiller synchronized with a JBT seamer

Perfect fit filling-seaming synchroblock, providing state-of the-art technology to fill and close metal cans at a line speed from 100 to 1000 cpm.



### SUPREME PERFORMANCE

A JBT high-capacity filler synchronized with a JBT seamer

High-capacity Unifiller with 81 filling stations, synchronized with a X-59 seamer. This configuration is engineered to run cans at a line speed of up to 1500 cpm.



### UNIQUE PERFECTION

TwinTec™: A JBT Unifiller - seamer monobloc

TwinTec™ is the integration of the JBT filling and seaming technology in one single machine, with one robust, sanitary base, one control system, one drive, one lubrication system under one guarding. TwinTec™ provides short, gentle and highly reliable can transfer from filling to seaming station running at a line speed from 100 to 600 cpm.



## We are your single source for profitable processing solutions

JBT is a leading provider of integrated food processing solutions. From single machines to complete processing lines, we enhance value and capture quality, nutrition and taste in food products. With a local presence on six continents, JBT can quickly provide our customers and partners in the food processing industry with the know-how, service, and support needed to succeed in today's competitive marketplace.

### JBT LIQUID FOODS

Fresh Produce Technologies | Fruit and Vegetable Processing | Secondary Processing | Aseptic Systems | Filling and Closing | Preservation Solutions

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