

Unifiller

Volumetric Rotary Filler



The ideal filler for when accuracy really matters



JBT Unifiller

The perfect fit for your products

Capable of filling almost any kind of semi-rigid or rigid container (glass, cans, bottles), our Unifiller is engineered to provide you with high quality filling, fast and efficient product change-over and speedy Clean-In-Place with no need for disassembly or manual cleaning. Additionally, an optional total automation package is available.

The heavy-duty, highly robust design and unique filling concept results in excellent filling accuracy and trouble-free use, even after many years of operation. The Unifiller delivers high performance and keeps your operational costs down. This filler is a versatile asset too, capable of adapting to a wide variety of products, container designs and container types.



High-Hygienic Design

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

The unique, seal-less, self-draining fill station design 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

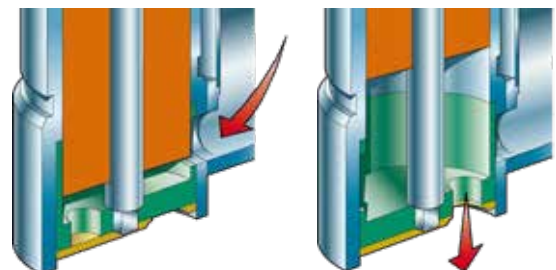


Fill Accuracy & Gentle Product Handling

The unique valve design - with a short product path - allows fast switching of the valve, resulting in high fill accuracy. Unifiller fill nozzles are specially designed for specific applications 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



Product & Fill Volume Flexibility



The Unifiller concept offers unmatched product versatility: from low viscosity products without particles, to high viscosity products with particles; both cold and hot filled. Large product ports and a short product path allows filling of highly 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 at line speeds from 100 to 1500 cpm/hr.

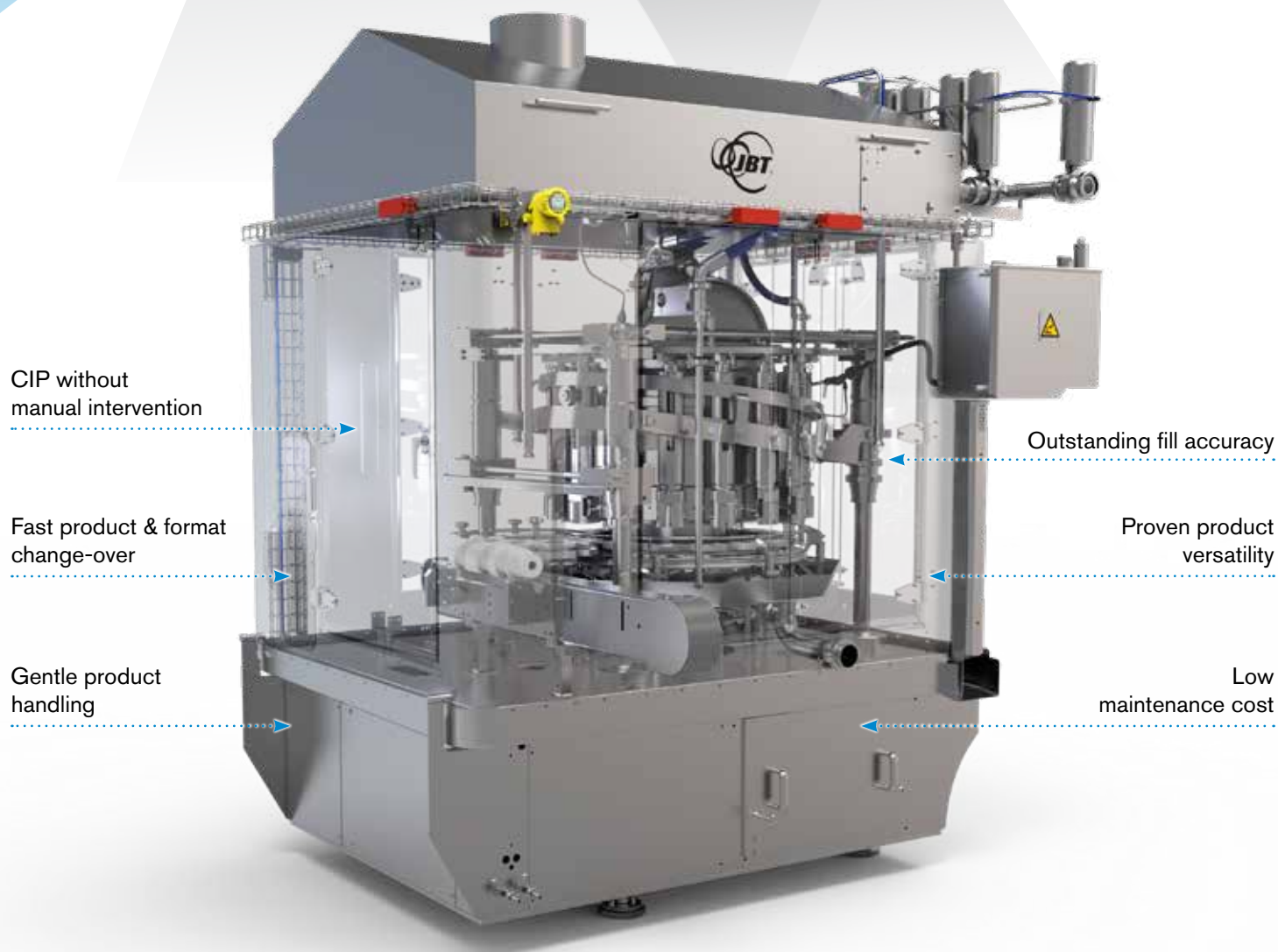


- ✓ Liquid dairy products
- ✓ Fruit juices with particles
- ✓ Non-carbonated beverages
- ✓ Nutritional drinks
- ✓ Canned ready meals and soups
- ✓ Jams, spreads and honey
- ✓ Canned pet food
- ✓ Sauces, dressings and condiments
- ✓ Baby food

Container Flexibility



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





PROVEN PERFORMANCE

JBT Unifiller in a stand-alone configuration

The perfect fit for your line

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



AN OUTSTANDING COMBINATION

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 line speeds from 100 to 1000 cpm.



HIGH CAPACITY CAPABILITY

A JBT high-capacity filler synchronized with a JBT seamer

Our 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 monoblock

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

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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