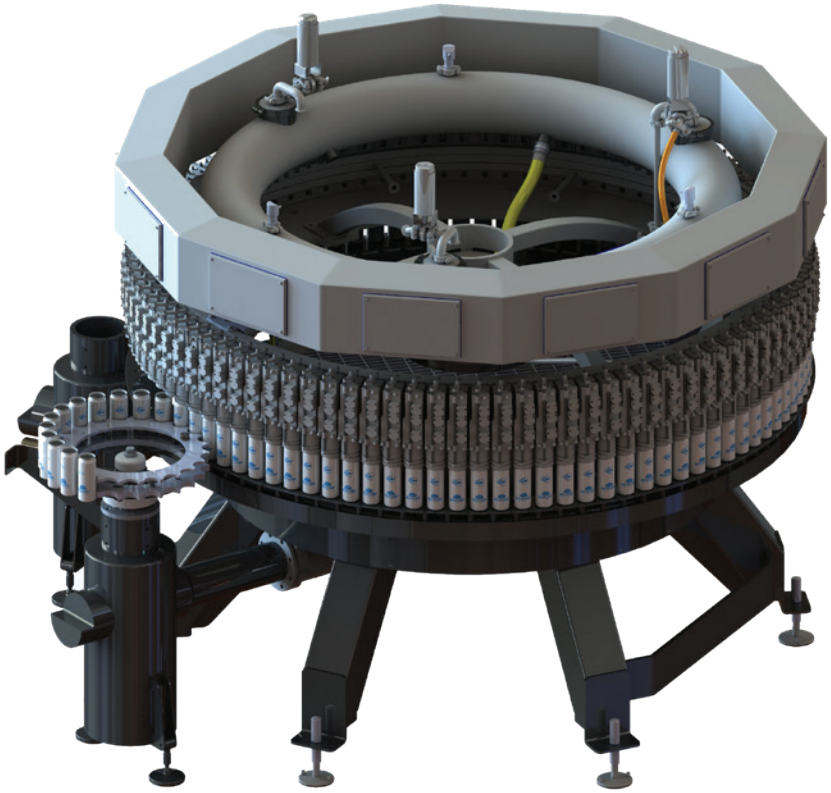
REVolution™ EV Filler

Designed for large-scale manufacturers of juice, carbonated and still beverages, hot fill soups, other viscous liquids and nutraceuticals.



Achieve Peak Production Performance and Sustainability with Our Most Advanced Rotary Volumetric Beverage Filling Machine

Maximize efficiency, precision and sustainability in your beverage production process with the **REVolution EV Filler** from JBT Bevcorp. It's a digitally controlled system designed for the modern juice and beverage industry to help reduce downtime and track performance.

Operate with more flexibility across a wide range of container sizes, fill volumes and beverage types with predictive maintenance and smart RFID parts that help you stay in production. With precise electronic volumetric filling and seamless maintenance, REVolution EV Filler helps you achieve higher profitability while lowering your operational costs.

When combined with **JBT Bevcorp MicrO$_2$ Blender**, you can expand your capabilities to include ambient fill for carbonated beverages. That helps improve your sustainability performance by reducing energy consumption with savings estimated at **$750,000 per year.**[i]

Benefits At-A-Glance

- PLC managed system with modular interface and advanced controls
- Lift-out servo starwheel assembly for quick replacement and repair
- RFID tagged parts track and predict maintenance so your machine performs better
- Recipe-driven, quick changeovers for smooth operations

Key Features	Description
High-Speed Performance	Fill up to 2,200 cans or 1,800 bottles per minute, increasing throughput by 10% compared to conventional fillers. This means an additional 60 million cans or bottles per year in the same production footprint. Precise digital control delivers consistent quality with minimal waste.
Easy to Maintain Modular Design (REV™ Drop-in-Drive)	Quickly replace the starwheel drive system in minutes, minimizing downtime with the ability to make bench-repairs that are safer and more ergonomic. Our patent-pending REV Drop-in-Drive re-imagines service and safety by providing unsurpassed uptime that reduces repair times from hours to minutes. A spare drive can be ready for immediate use to improve your operational reliability.
Ambient Fill Technology	Pair the REVolution EV Filler with the **MicrO₂ Blender** to enable energy-efficient ambient fills for carbonated beverages, which can save an estimated $750,000 in energy costs typically used for pre-fill refrigeration and post-fill warming.[i]
Advanced Traceability (REV™ ID)	Track individual parts and predict maintenance with smart RFID technology, minimizing downtime and unexpected breakdowns. Our patent-pending REV ID innovation offers optimal performance.
Clean-in-Place (CIP) Technology	One-touch cleaning simplifies sanitation, meeting the highest hygiene standards while reducing cleaning time and contamination risks.
Pressurized Product Distribution Manifold	The simplified, sectioned design controls foaming, improving yields and taste. The modular design can also be built and delivered more quickly.

Key Benefits	Description
Improved Uptime and Efficiency	The patent-pending REV Drop-in-Drive system allows for faster maintenance and repairs, while REV ID helps keep your production line running with minimal interruptions.
Energy and Cost Savings	With ambient fill technology, reduce your energy costs by up to $750,000 annually. Save even more with efficient operations and reduced maintenance time..
Sustainability	Lower energy consumption through ambient fills, eliminating the need for energy-intensive pre- and post-fill treatments while maintaining product quality.
Flexibility and Precision	Quickly adapt to new beverage types and container sizes with recipe-driven quick changeovers, maintaining high-quality fills with exceptional accuracy.
Hygienic Design	Integrated CIP technology and a REV™ Hygienic Base help you comply with the highest sanitation standards, protecting product integrity and consumer safety.

How the REVolution EV Filler Excels

All major components are sourced and assembled in North America for faster delivery times and high-quality service and support. The REVolution EV Filler excels over competitors with container versatility and two patent-pending features offering innovative performance and maintenance unavailable anywhere else.

Contact Us Now and Join the Revolution

Take the first step toward revolutionizing your production efficiency and sustainability.

Schedule a demo or contact our sales team now.

i. Calculations used to estimate cost savings include:

The amount of energy required to chill a can of soda, for example, from an ambient temperature and then back to ambient. The analysis performed was used to determine the following:

1. The number of cans a high-speed filler can process in one year's time, per can and on a per functional day basis.
2. The amount of thermal energy required per can.
3. The cost of chilling/heating energy based on the national average cost of energy.

Assumptions for calculations:

- Ambient temperature of the product is 68° F @1 atm @ sea level
- Delta of degrees F° saved: 28 F° for chilling, 28° F for warming
- Savings per kWh: $0.13 average cost of electricity in the U.S. per kilowatt hour
- Hours per day: 20 hours per day, 5 days a week, 95% run time
- Savings per day: $2,978
- Days per year: 250 production days
- Savings per year: $744,443

In simpler terms, every degree of delta saved results in an ROI savings of $106.35 per day or $26,587 per year.