

Expert Assurance



JBT Expert Assurance is our tailored service to ensure the improvement of performance, cost optimization, and food safety of your operations.

Our goal is to ensure lasting business success.

Our portfolio offers customized service solutions tailored to your needs, from training and support to expert consultation.

AT JBT, WE ARE YOUR GLOBAL PARTNER TO SHARE OUR EXPERIENCE AND KNOWLEDGE TO HELP YOU ACHIEVE YOUR GOALS.



➤ JBT CONSULTANCY SERVICE

JBT is a leading global technology solutions provider to high-value segments of the food and beverage industry. We design, produce, and service sophisticated products and systems for multinational and regional food companies, making us experts in food manufacturing.

For us, it is imperative to support the improvement of your plant. Our experts can help by providing an analysis of your production process and develop a strategic plan to increase the yield, quality and throughout of your equipment. As a full-service partner, we will pull from our wealth of knowledge and experience to design the right innovative solution, ensuring reliability and performance across all areas of operations and food safety, yield, quality & throughput of your equipment.

Our Process Authority consulting services are recognized by the FDA, USDA, and other regulatory agencies.

Our technical services for juice processing help you achieve higher primary juice yields within the industry established juice quality parameters and also help in achieving the higher by product recoveries.

Our process experts can help achieving higher primary juice

yields within the industry established quality parameters including by products recovery.

JBT provides advanced worldwide process authority and validation services in support of aseptic processing and filling technologies. Services include compliance/regulatory audits (21CFR108, 113, 117), aseptic thermal process design, validation of low-acid aseptic filler technology, and complete FDA-product filing support.

For In-container processing, our process authorities work with you to develop thermal processes for specific product/container combinations. Services include validation of newly installed sterilization equipment, Re-validation of existing installed sterilization equipment, Process filing assistance to FDA and process evaluation and deviation analysis.

Our High-Pressure Processing services has a food lab service to help you with food safety validation and shelf-life studies, packaging studies and guidance, food quality and chemistry capabilities, product development, and other consultancy services as needed. Our team helps increase food safety and extend shelf life while providing consumers with nutritious, natural, flavorful food.

JBT TESTING FACILITIES

At JBT, we understand the new product development process. With 15 State-of-the-Art Research and Technology (RTC) centers worldwide, our specialists will work with you to achieve the highest levels of efficiency, quality, and safety.

Our specialists have conducted tens of thousands of application tests on a wide variety of food products. Bring your food processing challenges to one of our testing facilities to aid in the development and trial at a small scale before releasing for large-scale production.

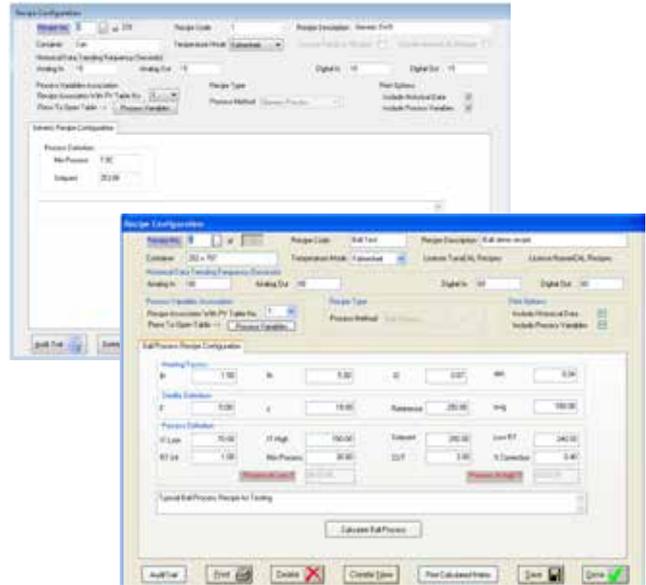
Our test kitchen/formulation area has different batching/blending, mixing, and ingredient preparation equipment. Our pilot equipment can simulate all commercial processes. Our centers are equipped with the most modern data measurement and analysis technologies.



JBT SOFTWARE

Software drives system productivity. For this reason, we offer specialized software for process modeling and optimization, helping you reduce mistakes and increase process efficiency saving time and resources, improving the Total Cost of Ownership (TCO).

We have the most advanced thermal process software for hermetical sealed packages undergoing a sterilization process: **JBT NumeriCAL™**. The JBT NumeriCAL™ model can accurately model the entire heat penetration curve (heating and cooling) with constant or variable retort process temperatures, thus calculating the microbial lethality delivered to the product.



To optimize the tuna precooking process and provide significant benefits in yield, consistency, and quality, JBT has developed a highly sophisticated mathematical modeling software, **TunaCAL™**. The software automatically adjusts for many product variables in real time and enables the scientific optimization of your precooking process without trial and error.

For aseptic process development, JBT offers **AseptiCAL™**. This software is an advanced finite difference-based mathematical modeling package for the aseptic process development of low and high acid foods with or without discrete particulates. AseptiCAL™ simulates the center temperatures of the fastest moving particle and its accumulated lethality values the a typical aseptic process for multiphase foods.

AutoCoding Systems offer world-class factory automation solutions centered around the packaging line. By using a modular approach, factories can gradually create smart packaging lines, error-proofing primary, secondary and tertiary packaging in the process. The various modules enable equipment and applications to work together with minimal human intervention, allowing them to communicate, share data, and report on performance and quality. This combination makes the automation of your packaging lines accessible and affordable, reducing manpower, eliminating date coding and packaging errors, and increasing productivity.

➤ JBT TRAINING & CERTIFICATIONS



Our Training Services develop different competencies for different roles to help your business grow.

Whether you are introducing new equipment or need new solutions to improve your productivity, we work with you to provide tailored training for your team to acquire the required knowledge or skills.

JBT designs, engineers, builds, and services sophisticated products and systems for multinational and regional food companies through its FoodTech segment. This knowledge allows us to offer valuable training to boost your business through employee engagement and operational improvement.

As a global partner, our training can take place at one of JBT's 15 training centers or at your production facility. To make your life easier, we also offer online training.

Our Product Training Courses are part of the JBT Food and Health Lifecycle Care program to help you achieve the utmost efficiency of your equipment. Depending on your needs, we can tailor training for different roles: operators, technicians, supervisors, engineers, or managers. Our goal is for your employees have the right competencies to achieve the your unique business objectives. A vital part of our training courses are the practical exercises because operators and engineers learn more while "doing" the operations for which they are responsible.





The **JBT TECHNICAL SCHOOL** gives you the proper training to ensure that you get the most value from your operations.

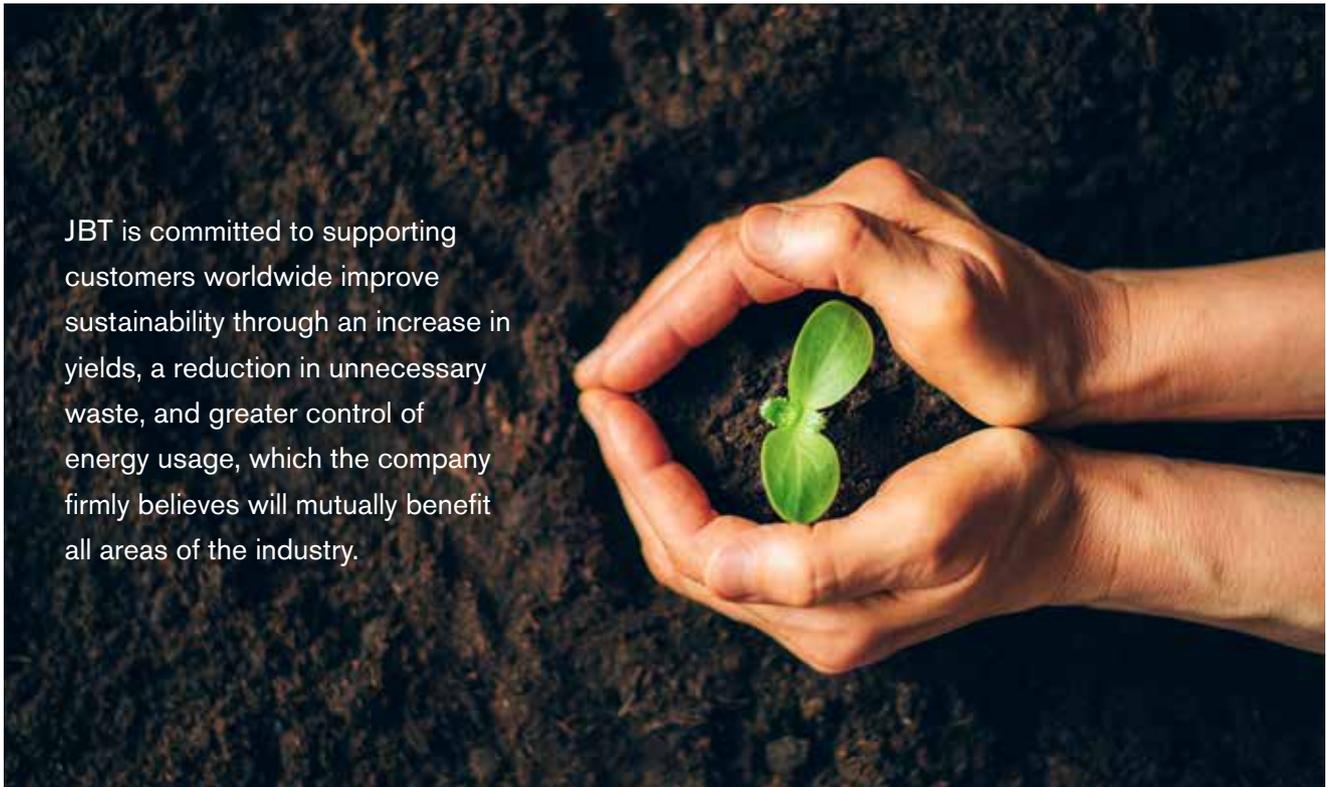


When it comes to optimizing your equipment and processes, there is no substitute for knowledge, which is why we always provide operating and maintenance instructions when installing new equipment. Still, staff turnover can deplete your knowledge base and affect your productivity. JBT, therefore, provides staff training tailored to your needs in areas such as operation and maintenance, productivity solutions, control systems, and food safety.

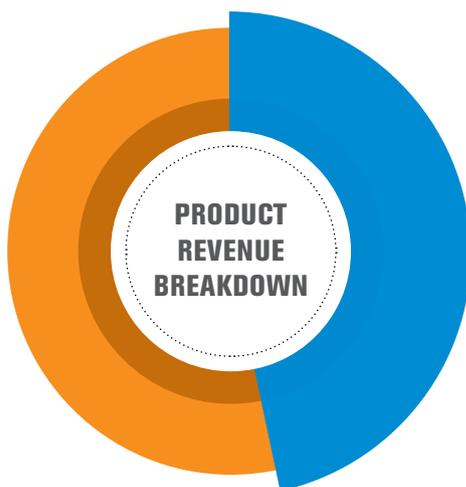
Some examples of courses that we offer are **Thermal Processing Academy, Aseptic Processing and Packaging Technologies, Better Process Control School**, etc.

Our courses are structured in such a way that the participants will learn about the critical parameters related to the most important training aspects of their particular technological subjects.

> SUSTAINABILITY



Environmental Impact of our Products



44% Products with Positive Environmental Impact

56% Revenue Outside of Environmental Impact Areas

WE ARE YOUR SINGLE SOURCE FOR PROFITABLE PROCESSING & PACKAGING 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 DIVERSIFIED FOOD & HEALTH

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

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We're with you, right down the line.™

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