JBT Marel

Salmon Smoking Process Solution

Software for production control, enhanced yield, and full traceability

The Salmon Smoking Process Solution is software designed for all smoked salmon processors who use racks. It monitors the yield and throughput of salmon fillets and tracks the product through the curing, smoking, and cooling stages, providing detailed insights for optimal control and decision-making. This enables salmon processors to maximize yield and throughput, ensure regulatory compliance, and produce consistently high-quality smoked salmon products more easily and effectively.



How does it work and what are the benefits?

Production control for optimal decision-making

The Salmon Smoking Process Solution software enables full production control, facilitating informed decision-making to create consistently high-quality products. It manages and monitors yield and throughput at all stages, providing vital insights through real-time dashboards and detailed reports.

This software solutions track products moving between processes and show the status and age of cured, smoked, and chilled products. Products can be registered directly into the system, eliminating the need for paper on the production floor and ensuring information is always centralized and up to date.

Yield monitoring for enhanced profitability

The software monitors the weight and processing time of products throughout all stages of the smoking process. By controlling curing, smoking, and cooling, processors can minimize yield losses to enhance profitability.

Additionally, the software monitors inventory status, making it simple for operators to manage effectively and select products at the right time. This ensures products reach the shelves at the ideal time to ensure a long shelf-life instead of losing value or going to waste.

Full traceability for food safety and brand protection

The software ensures comprehensive traceability, linking every process step of the production chain and providing a complete overview of each fillet's journey throughout the processing stages. The software integrates with other salmon processing solutions, allowing it to receive product and traceability data from previous steps and pass it on to subsequent processes, such as slicing.

With these capabilities, it's simple to trace any product back to its origin, allowing for an efficient auditing process and swift action in the event of a product recall. This ensures regulatory compliance and enables processors to build consumer trust with strong quality assurance.



Who will benefit from using this software?

General Manager

- Ensure regulatory compliance and consistently produce high-quality smoked salmon products more effectively.
- Support your company's digital transformation to stay future-ready for digitalized food processing.
- Protect your brand by ensuring full product traceability and safeguarding your company's reputation.
- Minimize labor by automating manual processes, saving time, and reducing costs.

Production Manager

- Gain detailed insights for optimal control and decision-making to minimize yield losses and enhance profitability.
- Achieve full production control and make informed decisions at every stage of production.
- Minimize rework by automating manual processes, improving production quality, and streamlining daily operations.
- Access vital insights through real-time dashboards and detailed reports.
- Optimize production with real-time order status reports to enhance daily operations.

Quality Control Manager

- Enhance food safety with robust inventory control and traceability that provides a complete overview of each fillet's journey through processing stages.
- Ensure compliance with all food safety regulations efficiently and confidently, making audits quick and easy.
- Meet customer expectations by efficiently and accurately ensuring all specifications are met.

Operators

- Gain control over curing, smoking, and cooling processes, reducing manual work and errors.
- Save time by streamlining packing and labeling processes, improving accuracy and efficiency.

Software solutions empower data-driven decision-making that drives profitability and scale to adapt to your needs.

2F26_021_EN_March