

Transforming whitefish pinboning and trimming

FleXicut Jet

Introducing the FleXicut Jet—a state-of-the-art fillet processing solution that maximizes trimming and pinboning efficiency while occupying minimal space. Combining three water-jet cutting robots with intelligent software ensures precise and versatile processing of a range of whitefish, enhancing your operational productivity.

X-ray technology for superior performance

The FleXicut Jet features high-definition X-ray technology that detects bones as small as 0.2 mm from two angles. This generates detailed 3D images of each fillet, enabling the system to scan and assess size, shape, density, and weight with remarkable accuracy. The advanced software then utilizes these 3D scans to determine the optimal pinboning and trimming parameters, ensuring precise and efficient processing.

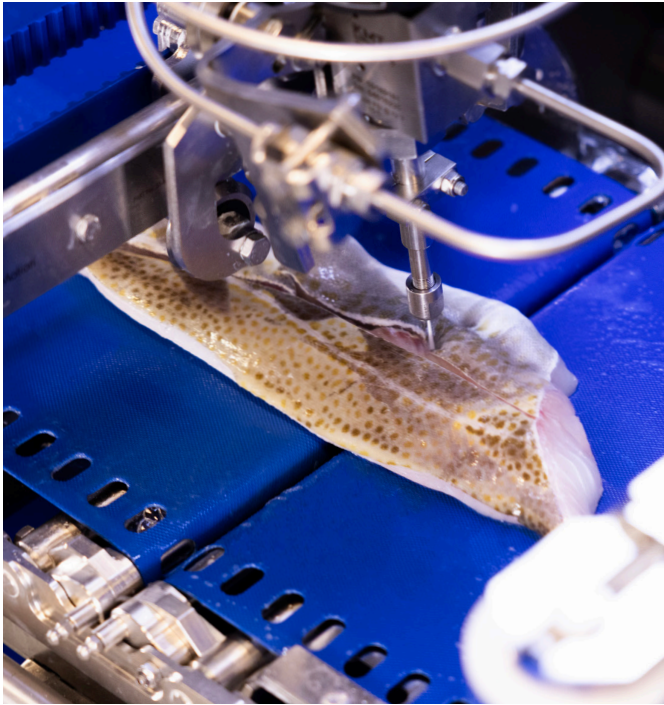
High throughput and streamlined operation

With the capacity to process up to 50 fillets per minute, the FleXicut Jet sets a new standard in throughput efficiency. Its ability to process fillets of various sizes and produce high-quality V-cut fillets, loins, and back fillets makes it an invaluable asset if you're looking to enhance your operations. The system's intelligent design minimizes waste, ensuring you make the most out of every fillet.

Seamless integration and versatility

The FleXicut Jet is designed to meet the specific requirements of various producers, including:

- Small and medium producers
- Seasonal producers
- Producers working with skin-on fillets
- Producers facing gaping issues
- Processing ships and freezer trawlers engaged in filleting



Maximize efficiency with a compact solution

The FleXicut Jet's compact design allows for seamless integration into existing processing setups, making it perfect for processors seeking to upgrade their operations without significant changes to their workflow. Its advanced features support a wide range of fish types and processing needs, from standard filleting to more complex requirements.

Efficient production and real-time insights

When integrated with FleXisort and FleXitrim, the FleXicut Jet offers consistent production distribution, full line traceability, and real-time quality inspection reporting. The FleXitrim optimizes the flow of unprocessed whitefish fillets to operators at inspection stations, allowing for efficient defect removal.

Smart sorting and allocation

Utilizing data from the FleXicut Jet, the FleXisort automatically allocates fillets to various product streams with modular drop-down mechanisms. This process boosts throughput speed, enhances efficiency, and reduces labor needs.

Real-time monitoring and control with AXIN Software

The AXIN Software module for the FleXicut Jet provides real-time monitoring and control. It allows quick, remote adjustments, collects and analyzes data for insights, and simplifies program management. The software offers a user-friendly interface for centralized control and effective decision-making.

Operational insights and integration

AXIN Software collects vital performance data, facilitating in-depth analysis and optimization of your processing operations. It can be used independently or integrated with other Marel equipment for a comprehensive, full-line solution. The KPIs provided by the software ensure you make informed decisions to maximize efficiency and results.

Service

We offer a wide range of service solutions that can be customized to fit any operation and will provide you with peace of mind, knowing that your operations will run smoothly. With a customized service agreement, your maintenance costs become more predictable, and regular routine tune-ups scheduled to fit into your production cycle will minimize downtime and extend the lifespan of your equipment. Marel has offices in 30 countries across all regions, +800 field service engineers, and a global network of highly skilled professionals that provide the support you need.

Experience the future of fish processing

Transform your fish processing operations with the FleXicut Jet. Discover how its advanced technology, high throughput, and precision can drive efficiency and quality in your production.