

> **ADM GALICIA**

SPECIALIST IN PROCESS
ENGINEERING
FOR THE FOOD INDUSTRY

A tailored automation solution for Brasmar

by Rosa Maria Cladellas



ADM Galicia, a process engineering specialist in the food industry, has successfully implemented an automation solution for fish and seafood processing lines at Brasmar Portugal, a leading European company in the frozen fish and seafood processing sector. This smart and comprehensive solution has delivered the capacity increase required by the customer.



The expansion of Brasmar's processing plant installation in Trofa, Portugal, was started in 2013 to address the need for a significant capacity increase that could satisfy the growing demand for Brasmar products. The company's large product range made a high level of flexibility in the production lines a prerequisite for success. In fact, Brasmar needed to process more than four product lines with different processing and packaging requirements at the same time. The Brasmar production plant currently processes 10,000 tons of fish and seafood per year in a 15,000-square-meter industrial area and 40,000-cubic-meter refrigerated area. The entire process is carried out under the strictest standards of hygiene and food safety, ensuring the traceability of the product.

A scalable automation concept

ADM Galicia, due to its vast experience and knowledge in the seafood sector has been selected to design and implement the required process automation solution for Brasmar. The ADM team designed the complete process-

ing plant from the time the fish is received to the packaging and palletizing of the finished product. One of the key challenges was the required scalability of the new system, as production increases needed to be possible without any changeover of the current lines. ADM installed glazing, packaging, fish cutting and dosing lines. All conveyor belts, as well as the glazing machines, were operated using Interroll stainless steel drum motors, selected for their highly hygienic design and water tightness and Interroll gravity rollers were mounted in the conveyors.

Proven benefits of the new system

Thanks to the new plant design and layout with its built-in flexibility, Brasmar is now able to work with different products at the same time with any type of packaging format: bulk, second skin, hydrogenated, fixed weight, bag, etc. Moreover, thanks to the solution proposed by ADM that included Interroll's energy-efficient drum motors as drive technology for the installed belt conveyors, the customer achieves significant annual savings in energy consumption.



**ADM CONSULTANCY,
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ADM is an official partner of the Rolling On Interroll program of the worldwide Interroll Group. For its projects, ADM relies on the product quality of Interroll Drum Motors and conveyor rollers for their reliability, hygiene and low maintenance.

MAIN INTERROLL PRODUCTS



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