

Transforming tilapia production and delivering an affordable product

FilleXia



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- Low production cost and maximum yield
 - Minimum manual handling
 - Improved food safety
 - Consistent and accurate production
 - Small footprint



Premier filleting

Automation you can depend on

FilleXia brings unparalleled automation to the tilapia industry that has never been seen before. Processors no longer have to worry about the need for highly skilled workers, employee turnover and production costs. Human impact and contamination risks are lowered and productivity is raised.

Delivering affordable tilapia

FilleXia automates the filleting process, cutting up to 40 fish per minute. Refined and reliable components ensure consistent production and maximized raw material utilization. With a unique combination of circular and band knives, the tilapia is optimally split, delivering a high-quality product at a significantly lower cost.

A multilingual color touch screen that is easy and safe for the operator to use manages all operations on the FilleXia. It features easy access for cleaning and maintenance with doors on both sides of the machine.

How it works

Operators feed the fish into the machine, and the feeding belts convey it to the cutting section, where the band knives automatically adjust to the size and shape of the fish. The circular blades cut as close to the fish's backbone as possible, achieving

a clean cut with maximized yield. The fillets are delivered to an outfeed conveyor or trimming line for further handling, while the backbone/center bone is released to a trolley or conveyor belt below.

Marel offers solutions with the FilleXia and a trimming line according to your needs.

At your service

Marel offers a range of service solutions to prevent failures, maximize performance or, in case of unexpected breakdowns, remote or onsite assistance with offices in 30 countries across all regions, and a global network of highly skilled professionals that provide remote as well as onsite service support. We provide quality spare parts and customized service agreements for our customers to ensure the optimal performance of Marel equipment.

Technical features		
Throughput	Capacity	40 fish/min
Fish Size	Weight (Whole fish)	500g – 1400g
Product conditions	Temperature (Min°C - Max°C)	5°C to +25°C
Infeed of fish	Number of operators	1 or 2 according to customer needs
Electricity		3x380-415V AC+PE 50-60Hz
Weight		Approx. 1750 kg
Water consumption		15 liters/minute
Power consumption		3,6 kW
Dimensions	Length x Width x Height	4220 x 1250 x 2455 mm