

HIGH PERFORMANCE INJECTING TECHNOLOGY

M2 INJECTORS / CONSISTENCY / ACCURACY / DELIVERED!



tomaco
CURING AND MARINATING SYSTEMS

THE M2 INJECTOR HIGH PERFORMANCE INJECTING TECHNOLOGY

The Fomaco M2 injector is a sturdy, extremely durable, high performance production machine designed to work in a highly demanding and aggressive production environment. The M2 is not only reliable but requires a minimum of maintenance.

With the M2 you will be able to cure and marinate all types of fish products, both bone-in and boneless, and at the same time meet the demand for low and high injection levels.



Serving the
food industry
for 40 years



UNIQUE NEEDLE HEAD

The M2 needle head for fish is specifically designed for processing of products with a very fragile structure. The valves are controlled pneumatically and can be setup to start and stop injecting at any predefined height resulting in precise salt distribution through the entire product.



CONSISTENT BRINE DISTRIBUTION

The high performance centrifugal pump gives a constant brine pressure, ensuring a uniform distribution of brine - regardless of product size and number of needles in the product.



ACCURATE AND CONSISTENT INJECTION

The injectors for the fish processing industry are characterized by a needle head equipped with very fine needles, giving a close injection pattern. The fish is injected at a low pump pressure preventing damage to the fragile structure and at the same time ensuring that the product is injected evenly.



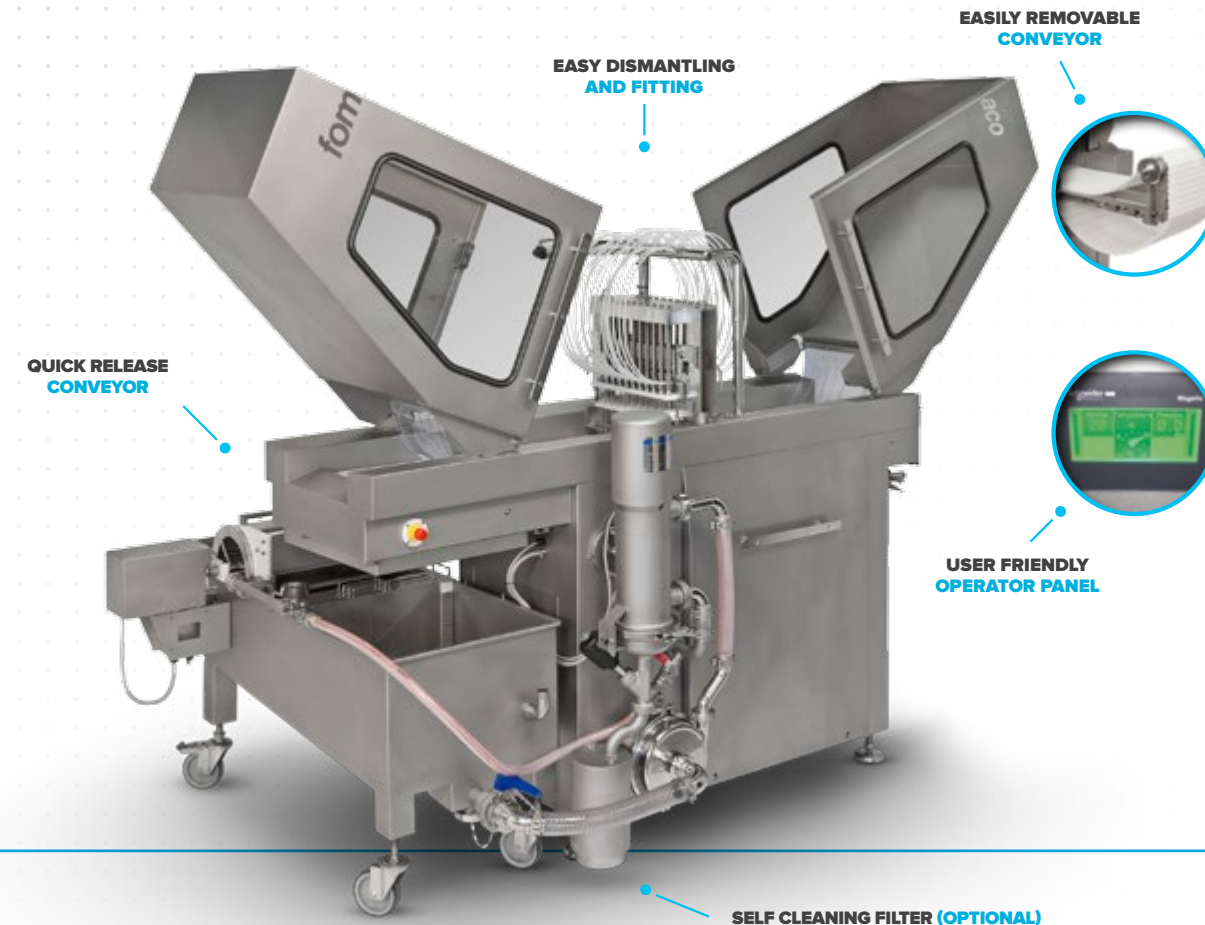
NO BLOCKED NEEDLES

The standard M2 injector comes with an F-80 cartridge type filter. However, you can upgrade to the FM 80 - a fully self-cleaning protein filter uniquely designed to remove all impurities in the brine, preventing the fine needle holes from blocking. This also ensures an even brine distribution, thus improving the product quality overall.

SAFETY AND HYGIENE IS OUR NUMBER ONE PRIORITY

To ensure the highest hygiene level, the M2 series is both hygienic in production and easy to clean. All components are designed to match the liquid flow rate accurately throughout the system, preventing brine residues from settling in the brine system.

The brine tank is available with a cooling system that enables full temperature control. Combined with the monitoring of temperature from the control panel, the brine germ count is reduced to a minimum.



CLEANING MADE EASY

Due to a number of special features the cleaning of the M2 series is both thorough and quick:

- Everything is manufactured in stainless steel and food approved plastic materials.
- All electrical components are fully protected in a separate cabinet with an IP 68 protection so special care is not needed when cleaning the machine.
- Needles can be dismantled and fitted without using tools.
- The conveyor is easily removed without using tools and a separate washing rack is available. The conveyor frame itself has a quick-release system for easy cleaning.



USER FRIENDLY OPERATOR PANEL

Intuitive settings of pump pressure and production speed together with a constant read-out of brine temperature allows for precise and optimum food production.



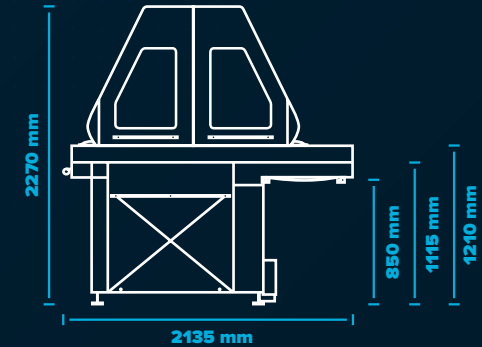
CONFIGURATION OPTIONS FOR FISH INJECTORS

The M2 series offers various sizes of injectors depending on the chosen width of the transport systems (350 mm, 575 mm, and 700 mm). The injectors are available with 40, 64, or 80 needle sockets, mounted with quadro needles.

For more information on configuration and technical specifications, please visit www.fomaco.com

TECHNICAL SPECIFICATIONS

	FGM 40 / 160 F M2	FGM 64 / 256 F M2	FGM 80 / 320 F M2
Number of needles	40 quadro	64 quadro	80 quadro
Needle head	20-70 Strokes per min.	20-70 Strokes per min.	20-70 Strokes per min.
Transport system	Conveyor belt - stainless steel or plastic (PEHD, Intralox)	Conveyor belt - stainless steel or plastic (PEHD, Intralox)	Conveyor belt - stainless steel or plastic (PEHD, Intralox)
Transport system (width)	350 mm	575 mm	700 mm
Product movement	60 mm	60 mm	60 mm
Stroke height (max)	100 mm	100 mm	100 mm
Product height (max)	70 mm	70 mm	70 mm
Weight	700 kg	780 kg	850 kg



FGM 40 / 160 M2 965 mm

FGM 64 / 256 M2 1275 mm

FGM 80 / 320 M2 1315 mm

Represented by

fomaco
CURING - AND MARINATING SYSTEMS