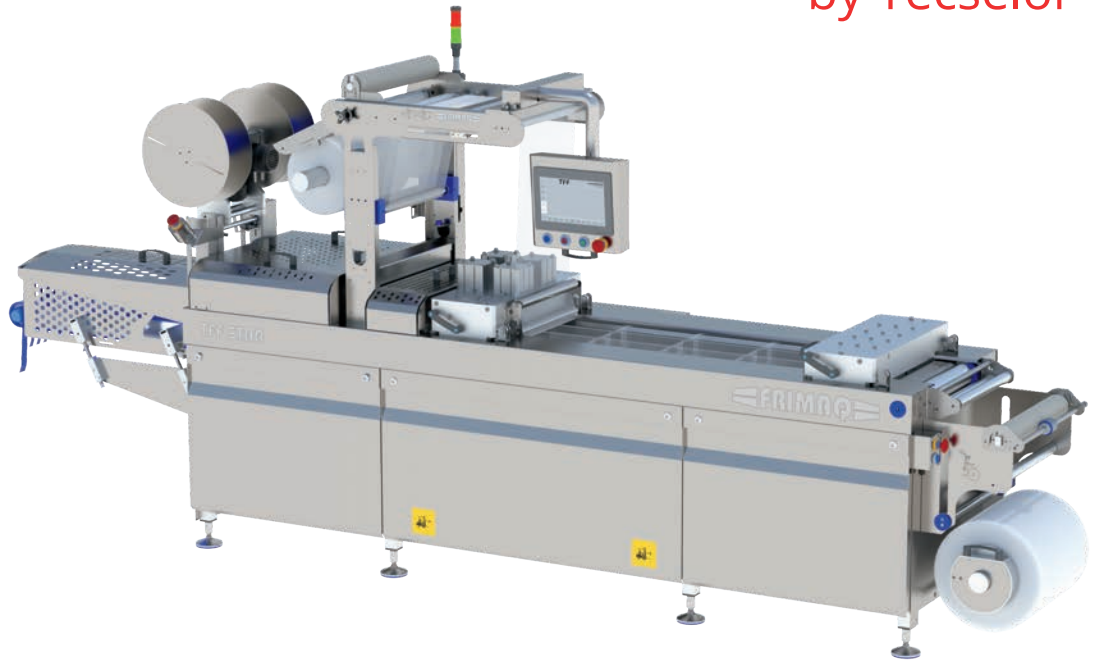
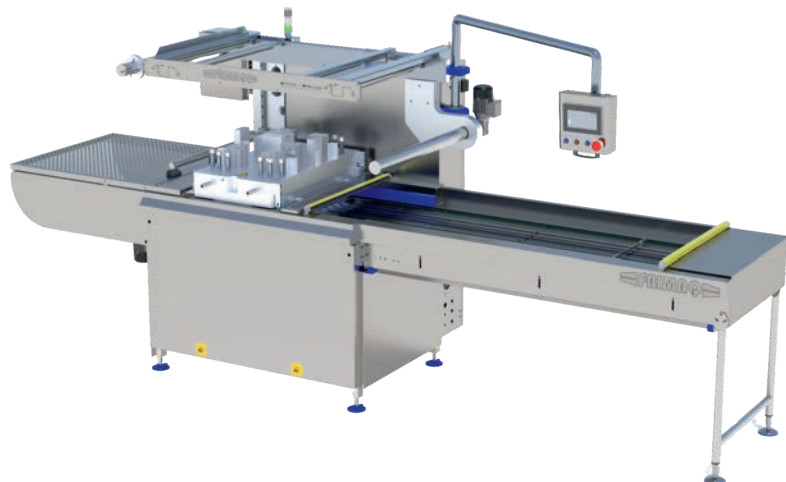




by Tecselor



FORM SEAL PACK



Engineering your Packaging Success



frimaq.com



English >

BUILT WITH QUALITY, DESIGNED TO LAST.

At FRIMAQ, we place the highest priority on working with **premium brands and top-quality materials** throughout our entire manufacturing process. From raw materials to electronic and pneumatic components, every element is carefully selected for its performance, reliability, and durability. This **ensures our machines deliver outstanding, long-lasting results**. Our unwavering commitment to quality is what truly sets us apart in the industry.



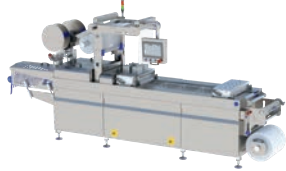
VISIT OUR STAND AT



THERMOFORMERS



▲ TFF COMPACT



▲ TFF STAR



▲ TFF MAX



▲ TFF CUSTOM MADE

TRAYSEALERS



▲ TSA 826



▲ MAXI SKIN +40

VACUUM CHAMBERS



▲ VCC STAR



▲ VCC PLUS



▲ VA 920



▲ VA 920920



▲ VA 660660



▲ VA 1200



▲ VA 1200 DA



▲ V-45S

SHRINK & DRY



▲ MI



▲ AI 630



▲ ACA-900



▲ ABA

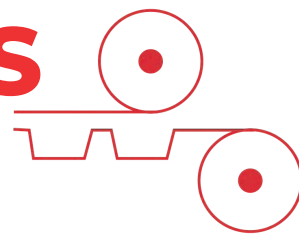


▲ ACC-909



▲ DRY

THERMOFORMERS

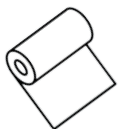


TFF COMPACT ▶ FLEXIBLE



FRIMAQ's TFF COMPACT redefines industrial efficiency in compact dimensions. It is the perfect engineering solution for plants that demand **maximum performance in the minimum space**. Manufactured to hygienic-sanitary standards in robust stainless steel, this minimalist gem offers the **versatility of flexible thermoformed packaging**. With a smart 7" interface and remote control via the internet, the TFF COMPACT guarantees high-precision packaging (Vacuum, MAP or Sealing) without compromising a single centimetre of your production plant.

Features Details

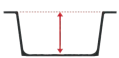


Film Width
320, 360, 420, 440, 460, and 470 mm

Flexible Film up to 300 microns



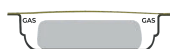
Index
180 - 210 - 240 - 250 - 300



Forming Depth
Maximum 120 mm



Vacuum



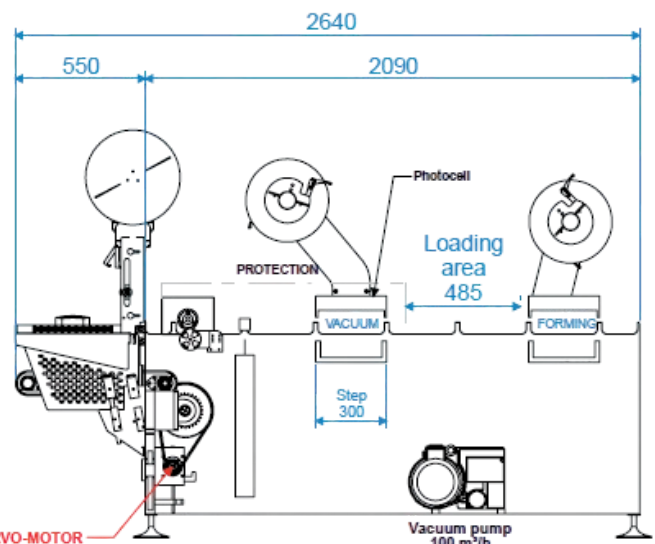
MAP



Only Sealing



Production Capacity
Up to 5 - 6 cycles/min
*Subject to vacuum pump & conditions



Busch R5 100F integrated

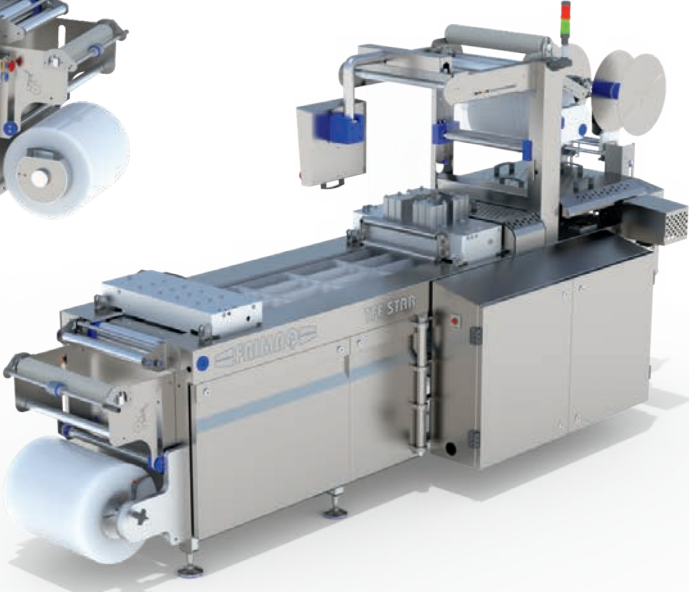
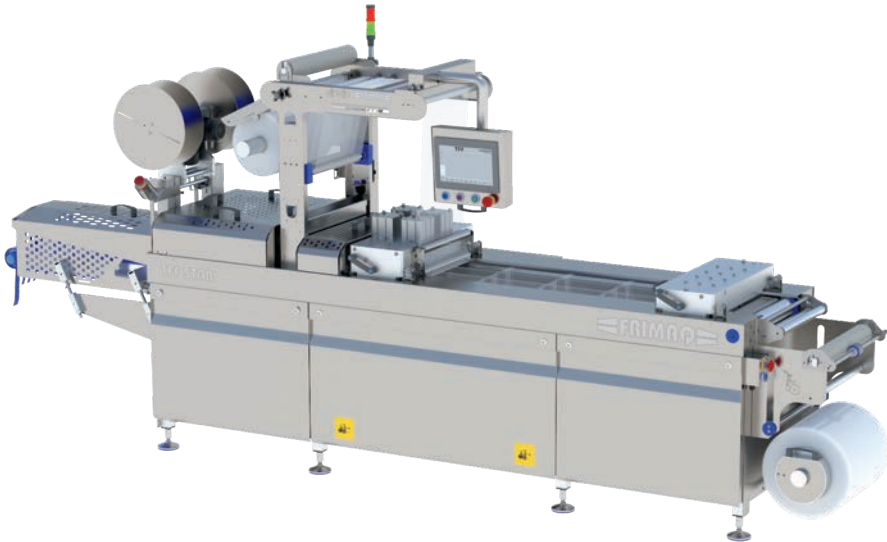


Available Options

- Photocell for printed film
- Easy-open
- Film trim suction system
- Liquids and solid separator

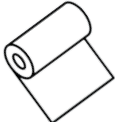
TFF STAR

FLEXIBLE · RIGID · SKIN



▶ The **STAR range** introduces a new generation of **compact thermoforming machines** designed to accommodate a **wide variety of packaging applications**, including **sealing, vacuum, MAP, and Skin +0** packaging. This versatility provides an **all-in-one solution** that adapts to diverse production needs while consistently delivering optimal packaging results.

Features Details



Film Width
320, 360, 420, 460, and 470 mm

Rigid Film up to 400 micron
Flexible Film up to 300 microns



Index
214 - 225 - 250 - 270 - 300 - 337



Forming Depth
Maximum 120 mm

Packaging Systems



Vacuum



MAP



Skin +0



Only Sealing



Production Capacity
Up to 8 cycles/min
*Subject to vacuum pump & conditions

Available Options

Photocell for printed film

Easy-open

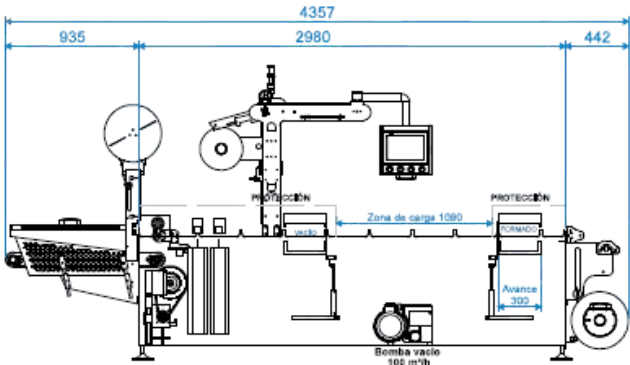
Rigid cut with rounded edges

Film trim suction system

Liquids and solid separator

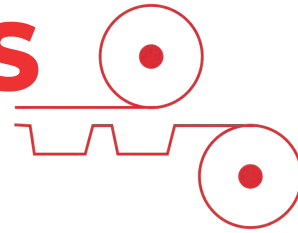
Autolubrication for chains

1 or 2 cutting units

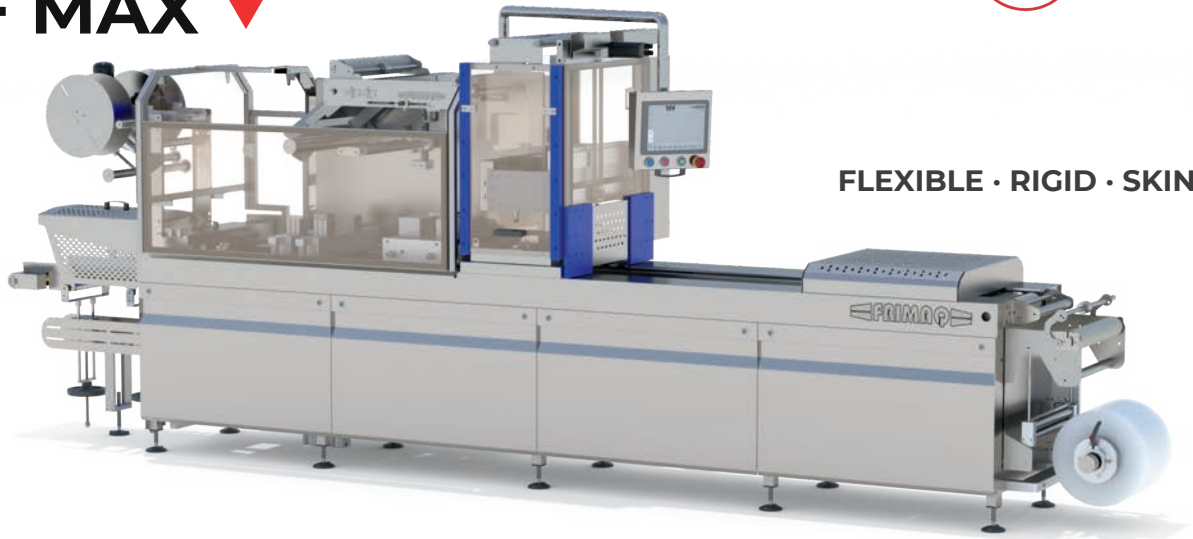


Total Dimensions Length: 4357 mm

THERMOFORMERS



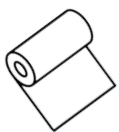
TFF MAX ▼



FLEXIBLE · RIGID · SKIN

▶ The **FRIMAQ TFF MAX** stands as the **ultimate solution** for companies seeking **high-performance production** without compromising on flexibility. Engineered with precision, this thermoforming machine seamlessly adapts to multiple formats and materials, ensuring a hermetic seal and a flawless presentation for any product type.

Features Details



Film Width
Any size up to 470

Rigid Film up to 400 micron
Flexible Film up to 300 microns



Index
Any size up to 390



Forming Depth
Standard 120 mm
Special up to 180mm



Production Capacity
Up to 12 - 15 cycles per minute.
*Subject to vacuum pump and conditions.

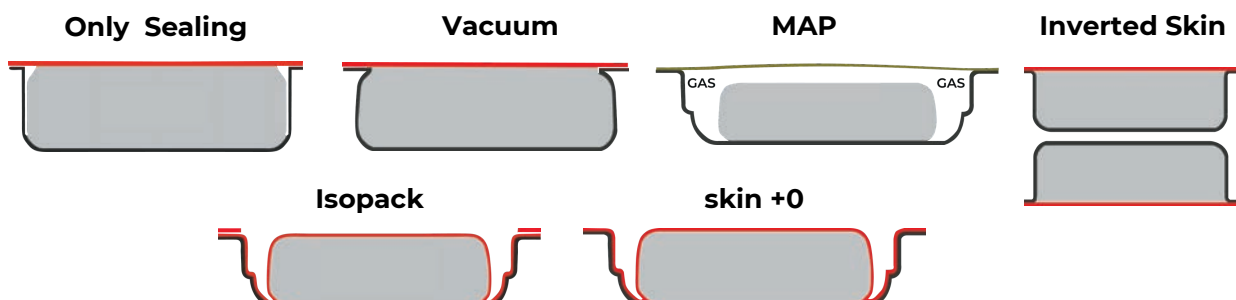
▶ **All-in-One Versatility:** One of the most flexible systems on the market, allowing seamless switching between rigid, flexible, and Skin films on a single platform.

High Operational Efficiency: by choosing the fast -mould change options; quick transitions are possible between different application types and formats optimizing setup times and maximizing your return on investment.

Extended Deep Forming Option: Reaches a special depth of up to 180 mm, surpassing industry standards to accommodate large-format or bulky products.

Industrial Hygiene & Durability: Built with a robust stainless steel frame and an intuitive control interface, the TFF MAX is designed for continuous operation in the most demanding environments.

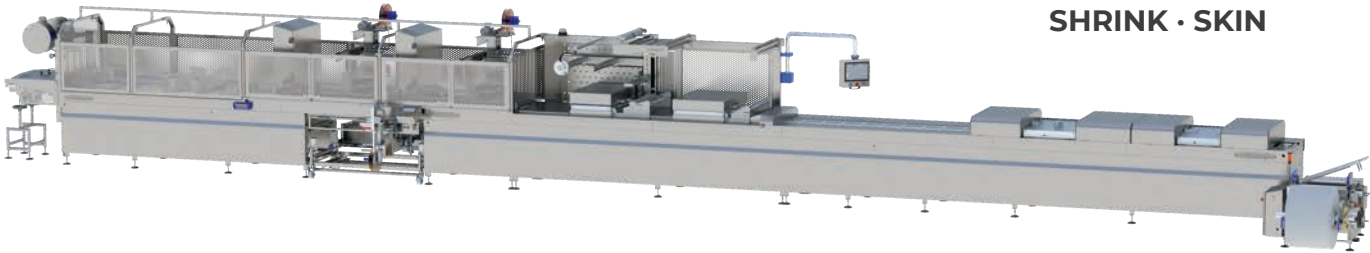
Packaging Systems



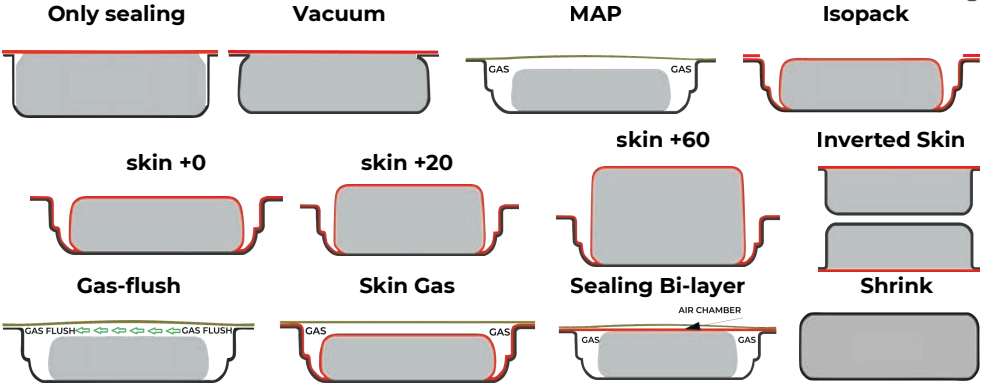
TFF UNLIMITED

-Custom_Made

FLEXIBLE · RIGID
SHRINK · SKIN

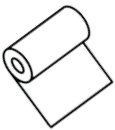


▶ **Customised projects** are our standard. **We design fully tailored packaging solutions** adapted to each product and plant, integrating technologies such as Vacuum, MAP, Skin or Shrink to create efficient lines that optimise costs and enhance competitiveness.



▶ **Unlimited Versatility:** Ability to work with different formats and packaging systems and **adaptability for different types of film on the same machine.**

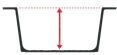
Features Details



Film Width
Adapted to project needs
Rigid Film up to 1000 micron
Flexible Film up to 300 microns



Index
Adapted to project needs



Forming Depth
Standard 120 mm
Special up to 180mm



Production Capacity
Up to 12 - 15 cycles per minute.
*Subject to vacuum pump and conditions.

Superior Feeding Precision: Total control via motorised reel holders and centring photocell for films with complex printing.

Adaptive Engineering: Robust chassis design with fixed levelling feet.

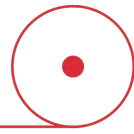
Connectivity and Automation: Integration of adjustable motorised belt output, connections for printers/labellers, aligners, dispensers and remote control via the internet for global technical support.

Guaranteed Hygiene and Safety: Waterproof electrical panels with electronic/pneumatic separation and protections in accordance with current regulations.

Limitless Packaging



TRAYSEALERS



MAXI SKIN +40 ▶

VACUUM · GAS · SKIN

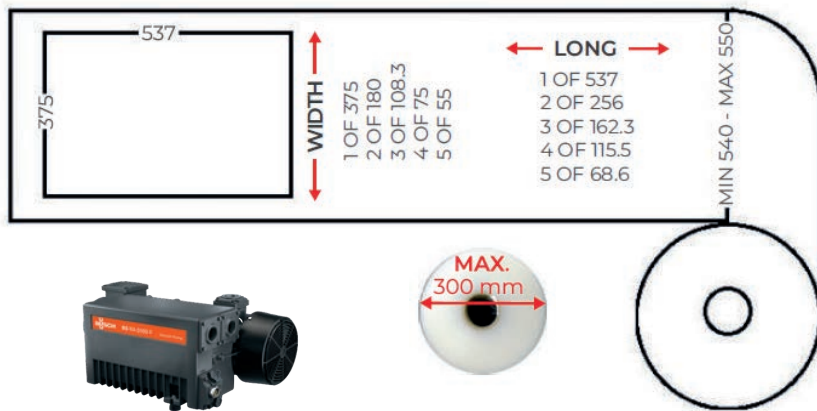
The **MAXI SKIN +40** from FRIMAQ is a **versatile industrial traysealer** designed for professional packaging in various formats. Constructed from AISI 304 stainless steel, it guarantees durability and maximum hygiene in food environments.

This equipment stands out for its ability to perform **multiple types of sealing**, including **vacuum**, **modified atmosphere (GAS-MAP)** and the **advanced Skin +40 system**, which allows the product to **protrude up to 40 mm** above the edge of the package.

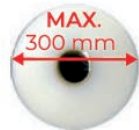
It features an **touchscreen control system** with capacity for 25 programmes, allowing for quick transition between different types of products and packaging requirements. Its robust design incorporates a high-capacity 100 m³ vacuum pump and an automatic chamber lowering system that optimises work cycles.



CUTTING BLADE MEASURES



Busch R5 100F (external)



▶ **Skin +40 Technology:** Allows packaging of products with a relief of up to 40 mm above the tray level.

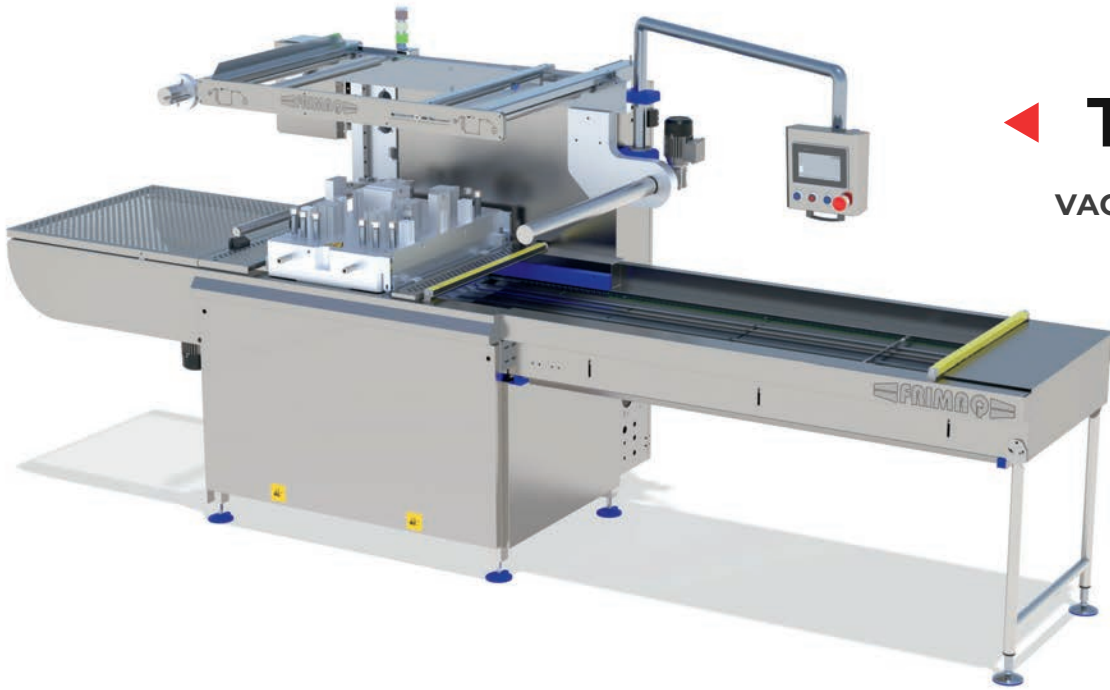
Material Versatility: Compatible with both **plastic and cardboard trays**, as well as **flat cardboard** options.

Precision Control: Vacuum management by millibars and time, together with temperature control via probe for perfect sealing.

Operational Efficiency: Includes a scrap winder to manage excess film and a separate cutting system for each tray.

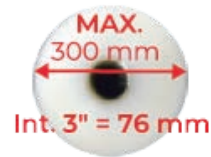
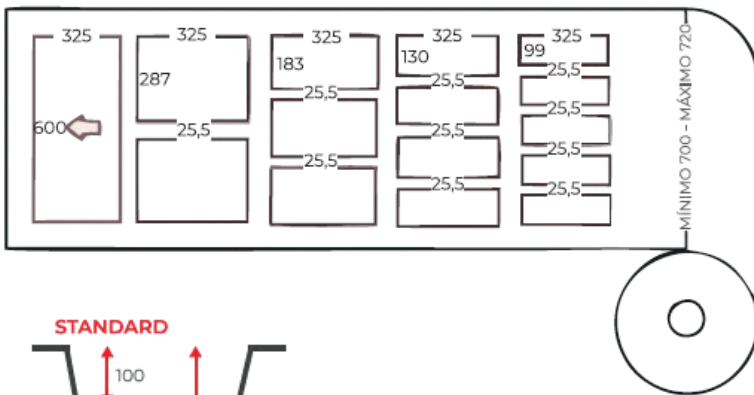
◀ TSA-826

VACUUM · GAS · SKIN



▶ The **TSA 826** is a high-performance automatic traysealer designed for industrial tray packaging. Constructed from AISI 304 stainless steel, it stands out for its versatility and precision. The machine uses a tray conveyor system with stainless steel rods driven by chains, ensuring a constant production flow. It is a flexible solution that allows for simple **sealing, vacuum, modified atmosphere (MAP) and skin +60** systems. Its design offers different loading lengths to suit the space and volume requirements of each customer. Thanks to its intuitive interface with a 5.7" colour touch screen, the operator can control critical parameters such as vacuum in millibars and time simultaneously.

TSA 826

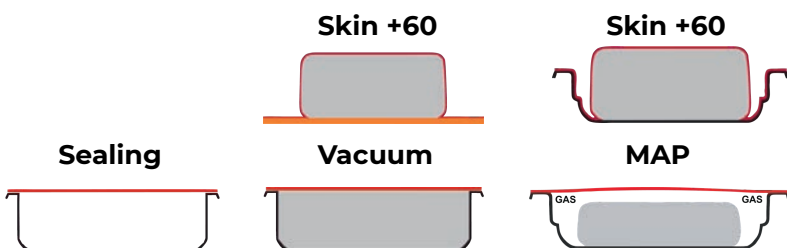


Format Versatility: Capable of multiple configurations.

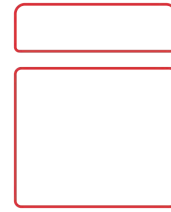
Synchronised Drag Technology: The film is moved by two synchronised motors, ensuring a perfect, wrinkle-free seal.

Total Adaptability: Custom-made moulds for any tray on the market.

Process Flexibility: Allows you to work with different types of materials (plastic/cardboard) and preservation technologies such as Skin +60 and Gas-MAP.



VACUUM CHAMBER MACHINES



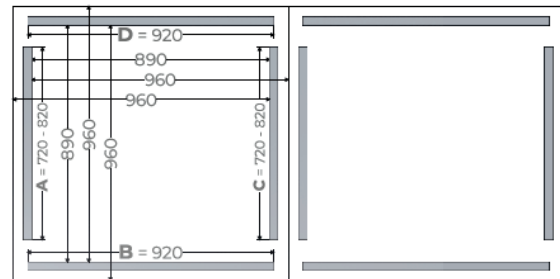
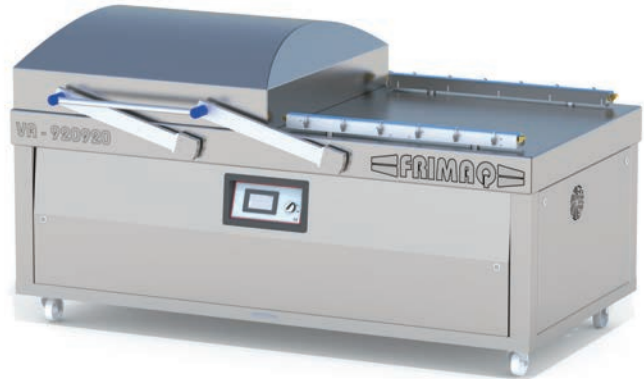
VACUUM · GAS

VA920920 ▶

Designed to meet the demands of industries with high production rates. Its **double chamber system** allows for continuous operation, reducing cycle times and maximising productivity.

Made of AISI 304 stainless steel, it combines robustness, hygiene and ease of cleaning. Its **large 310 mm high chamber** allows for easy packaging of large-volume products, while the **4.3" touch screen** offers intuitive and precise control of the process.

A powerful, reliable and efficient solution for production lines where operational continuity and packaging quality make all the difference.



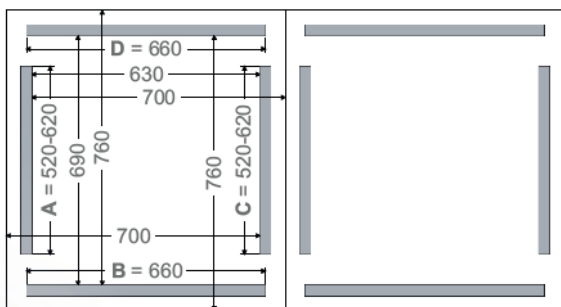
Standard sealing bars: B+D



◀ VA660660

High-performance vacuum packaging machine designed for demanding production environments. Made entirely of **AISI 304 stainless steel**, it ensures maximum durability, robustness, and easy cleaning.

Its **double-chamber system** allows alternating operation, loading one chamber while the other completes the vacuum cycle, significantly boosting productivity. It features a **4.3" touchscreen** for precise process control with vacuum regulation by percentage or time. Advanced technologies, including the SOFT AIR system for controlled air intake and special welds for safely sealing products with fat, blood, or liquids, ensure perfect sealing even under the most challenging conditions.



Standard sealing bars: B+D

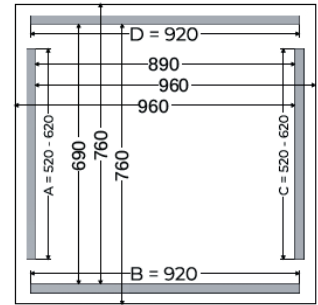
Vacuum

Gas MAP



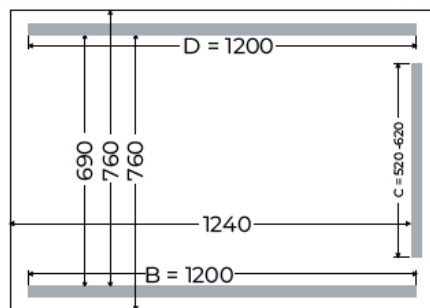
VA920 ▶

High-performance and durable **single chamber stainless steel design**. Features **280 mm chamber**, **4.3" touchscreen**, and removable sealing bars for fast maintenance. Reliable, hygienic, and perfect for industrial packaging lines.



Standard bars: A=620mm B=920mm

▼ **VA1200**



Standard bars: B = 1200mm C = 620mm

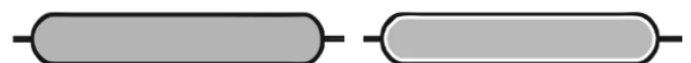


VA1200 ▲

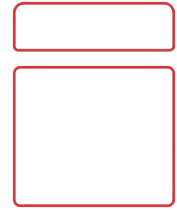
High-capacity industrial vacuum packaging machine built entirely in AISI 304 stainless steel for superior hygiene and durability. Its **intuitive 4.3" touchscreen** controls precise vacuum cycles, while Soft Air technology and a 280 mm chamber ensure perfect seals—even with liquids or fatty products. **Automatic unloading speeds up production**, making packaging faster, cleaner, and more efficient.

Vacuum

Gas MAP



AUTOMATIC VACUUM CHAMBER MACHINE



◀ **VCC**
VACUUM · SHRINK

VCC PLUS is a **high-performance automatic chamber vacuum packaging** machine designed for demanding industrial environments. Built in stainless steel, it ensures durability, reliability and long-term performance.

It operates in manual, semi-automatic or automatic mode, adapting easily to different production volumes. Equipped with **premium pneumatic components** (SMC and Festo) and a variable-speed motorized conveyor, it guarantees a **smooth product flow and easy cleaning**.

The vacuum process can be controlled by time, millibars or both, ensuring consistent results. It also includes Soft-air for delicate products and a **servo-motor driven chamber lift**, enabling faster cycles, lower energy consumption and improved productivity.

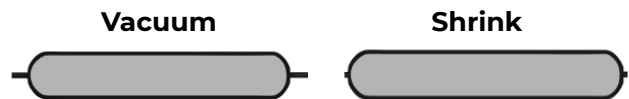
Measures to choose from:

DISTANCE BETWEEN SEALING BARS

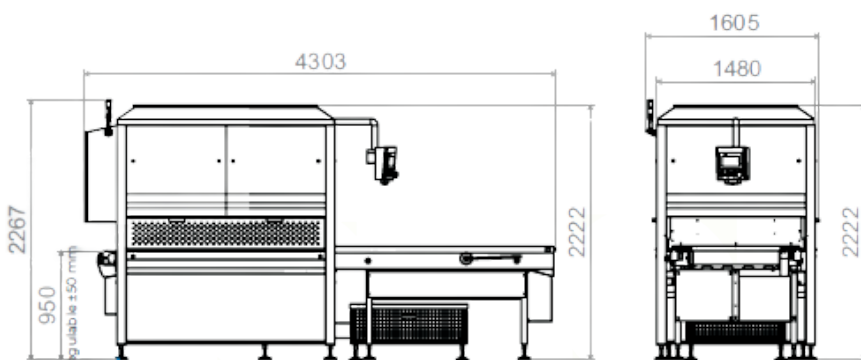
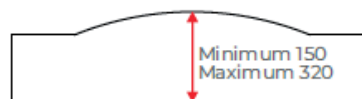
From 500 to 1500 mm in 100 mm steps between sealing bars

LENGTH OF SEALING BARS

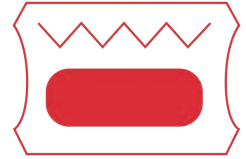
Useful sealing from 1000 mm to 1600 in 100 mm steps



HOOD HEIGHT



SHRINK, COOL & DRY TUNNELS



MI ▶

The **MI shrink deep tank** is a manual immersion solution for high-quality vacuum packaging. Its most versatile feature optional is its heating capability, allowing choose to operate via steam, or electric heating elements.

Built from AISI 304 stainless steel, this **compact and mobile** unit ensures maximum hygiene and durability, delivering consistent results with simple, **one-button operation**.



◀ AI 630 / 900

The **AI-630** is a **fully automated industrial shrink deep tank** that streamlines the immersion process from start to finish. Once the product is loaded, the machine handles immersion, finishing, and automatic discharge, significantly improving workflow efficiency.

Designed for seamless integration, it features **reversible flow direction** and **adjustable output heights** to fit any existing production line. With precise controls for temperature and timing, the AI-630 ensures a consistent, high-quality aesthetic for vacuum-packed goods while maximizing plant productivity.



Shrink



The ACA-900 is an **industrial automatic shrink system** that uses **hot water spraying** over the product as it moves along a conveyor belt. Designed for high-production lines, it **enables a continuous process without stops**, ensuring a consistent and professional package finish. The system **features a 900 mm wide conveyor belt** and is fully constructed in AISI 304 stainless steel. **Heating can be supplied by electric heaters, steam, or a combination of both**, providing flexibility to adapt to different production environments.

ACA ▶



AUTOMATIC CONTINUOUS SPRINKLER

-It shrinks the products by hot water sprinkler.

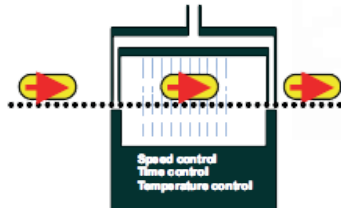
-It heats by:

OPTION 1

-electrical heaters

OPTION 2

-steam option



◀ ACC

The ACC 909 is an **automatic continuous heat shrink tank** designed to professionally shrink packaging **using hot air**. Built with high-quality AISI 304 stainless steel, this robust machine utilizes a motorized conveyor belt and **three heating stations with air recirculation** to ensure a uniform, high-quality finish. It offers a versatile and reliable solution for industrial shrink-wrapping needs



Shrink



ABA ▶

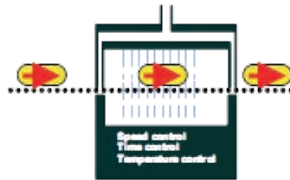
The ABA 900 is an **automatic continuous cooling tank** built in AISI 304 stainless steel. It uses a **cold water spray system to cool products** as they move along a motorized conveyor belt.

The process is fully adjustable by controlling both the belt speed and temperature. Key features include a 450-liter capacity and a dedicated water recirculation pump for consistent thermal performance.



AUTOMATIC CONTINUOUS SPRINKLER

-It cools the products by cold water sprinkler

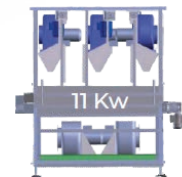


◀ DRY

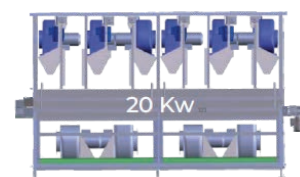
The DRY-900 is an **industrial air dryer** built in AISI 304 stainless steel. It features a **motorized conveyor belt with adjustable speed** and an **automatic start photocell** for energy efficiency.

A key functional highlight is the **adjustable drying system**, where the **ventilators move up and down to optimize airflow** based on product height. It also includes an integrated water collection tray to maintain a clean workspace.

Dry 1M

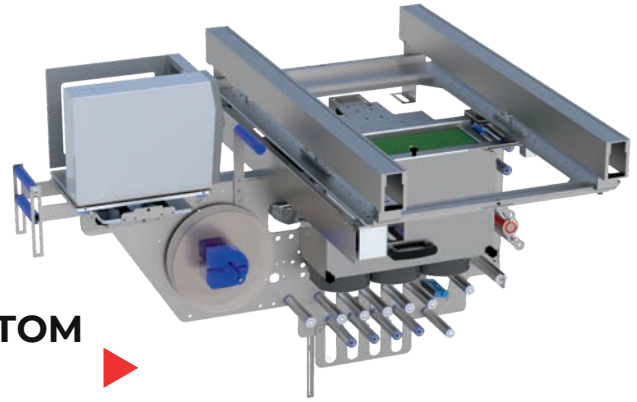
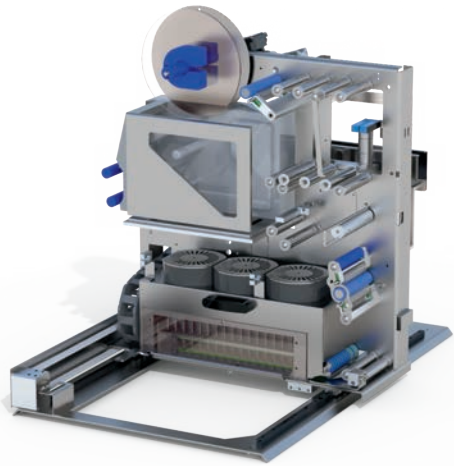


Dry 2M



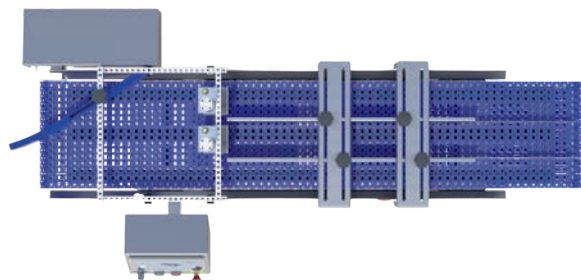
AUXILIARY EQUIPMENT

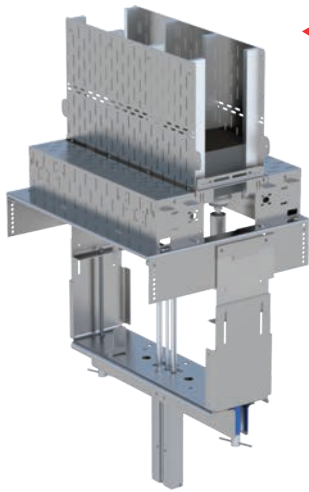
Frimaq offers more than machinery —we provide a **full range of peripherals**, from **aligners** and **conveyors** to **tray dispensers**, all designed to optimize and streamline your packaging line. Customized components ensure seamless integration and maximum efficiency, delivering not just machines, but complete, tailored packaging systems.



TOP & BOTTOM LABELLING

PACKAGES ALIGNERS





◀ TRAY DISPENSERS

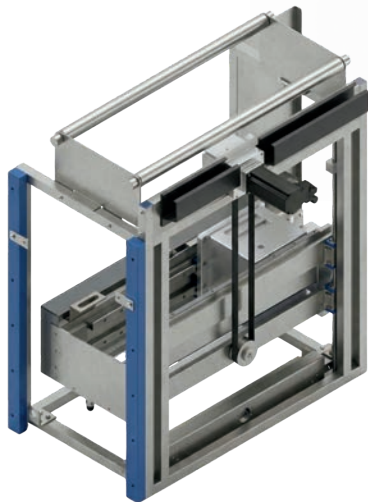
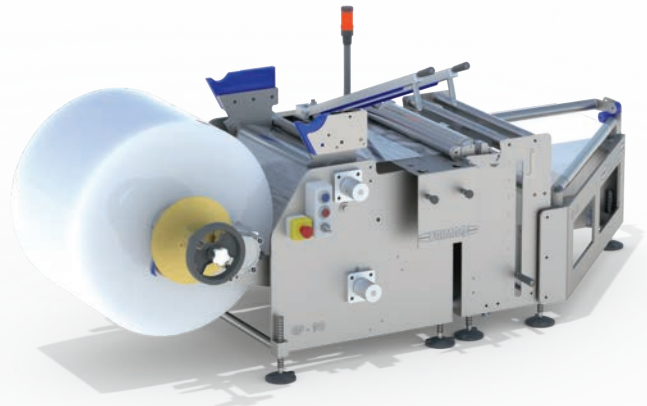


REELS LIFTING HOIST ▶

PUMP BENCH ▶

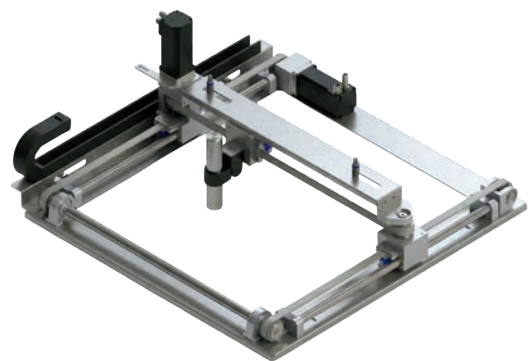


JUMBO REEL HOLDERS ▼



TTO PRINTER CNC ▲

INKJET CNC ▼



ABOUT US



Founded in 1999 in Lorca, Murcia, **Frimaq Packaging** delivers high-performance packaging solutions both nationally and internationally. We are part of a business group that includes **Tecselor, S.L.**, specializing in machinery manufacturing, and **Tofilm Packaging S.L.**, focused on packaging materials. Our facilities, spanning over **12,000 m²**, include **production, offices, storage, and spare parts distribution**, providing a modern and efficient environment fully dedicated to **packaging excellence**.
Innovation. Precision. Performance.



The **FRIMAQ** group relies on a dedicated workforce of more than **120 direct employees** and around **100 specialized external collaborators**, ensuring excellence across all company operations.



At **FRIMAQ**, we drive innovation and technological advancement to provide **state-of-the-art packaging solutions**. Our engineers bring over **25 years of expertise** in designing and producing industrial machinery for the packaging industry, combining precision, performance, and reliability.



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