THERMOFORMING
SERIE 700

CARTO SKIN compatible
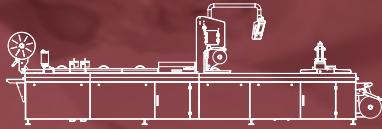
High productivity, reliability and versatility make the ME-700 series the right answer to your packaging needs.

SERVICIOS GENIUS

MERELLO PACKAGING MACHINES

THERMOFORMER RANGE

IMPROVES THE PRESENTATION OF THE PACKAGED PRODUCT, INCREASES PRODUCTION AND REDUCES COSTS

PACKAGING SOLUTIONS

Atmospheric · False skin (Flexible vacuum) · Map · Skin · Skin < 60 · Flat skin (Carto-skin)
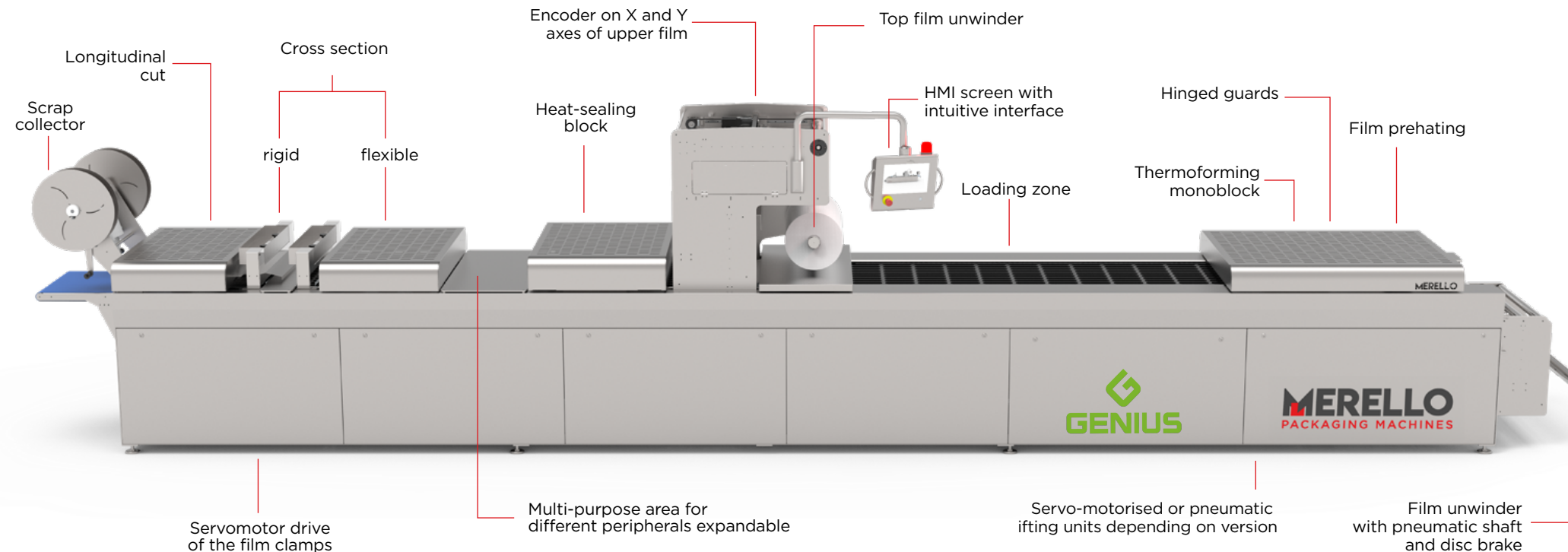
Wide range of thermoforming solutions

The MERELLO range of thermoforming machines features innovative, robust and hygienic designs that can be fully adapted to each customer's specifications. They are constructed entirely from stainless steel. They stand out for their versatility, durability and ease of use, and are equipped with rigorous safety standards and energy efficiency.

They can be integrated with all kinds of peripherals such as dosing machines, labelling machines, weighing machines, etc. The high-end models offer maximum energy efficiency, making them a profitable investment which, together with the right consumables, represent the most sustainable and environmentally friendly packaging solution on the market.

Remember that as manufacturers, we have the means and experience to design and manufacture your machine to fully meet your requirements.

Encoder on X and Y axes of upper film
Top film unwinder
Longitudinal cut
Cross section
Scrap collector
rigid   flexible
Heat-sealing block
HMI screen with intuitive interface
Hinged guards
Film prehating
Thermoforming monoblock
Loading zone
Servomotor drive of the film clamps
Multi-purpose area for different peripherals expandable
Servo-motorised or pneumatic lifting units depending on version
Film unwinder with pneumatic shaft and disc brake

ME-705
FIRST LEVEL THERMOFORMING

An ideal choice to enter thermoforming with a minimum investment and high quality standards.
Designed for demanding producers, compact and easy to integrate into tight spaces, equipped with pneumatic lifting units and servo-driven chain drive for optimal performance.
Intuitive 7-inch HMI interface.
Sanitisable design with top and bottom film end detection for maximum efficiency and safety.

ME-715
VERSATILE THERMOFORMING MACHINE

Offers a wide variety of packaging solutions that can be configured in terms of dimensions, formats and finishes.
With the possibility of automatically adjusting the depth of the packaging from the HMI screen.
Suitable for demanding producers looking to evolve their packaging by increasing production and reducing costs.
Equipped with self-locking pneumatic lifting units and servo-motorised film drive.
10-inch touchscreen HMI interface.

ME-725
HIGH-PERFORMANCE THERMOFORMING MACHINE

It offers maximum quality and production speed for any type of product. Stands out for its precision and energy efficiency, configurable in dimensions and finishes. Can be integrated with a wide range of peripherals for complete packaging. Equipped with integrated electrical panels, large loading area and rigorous safety standards. Servo-driven lifting units and chain drive for optimum performance.
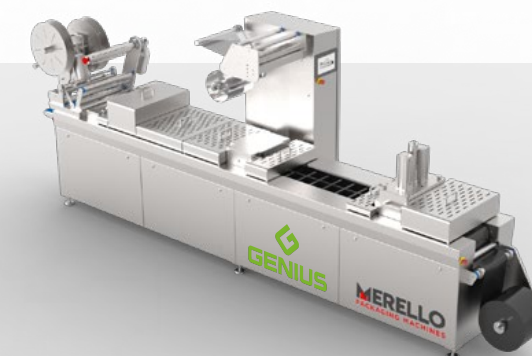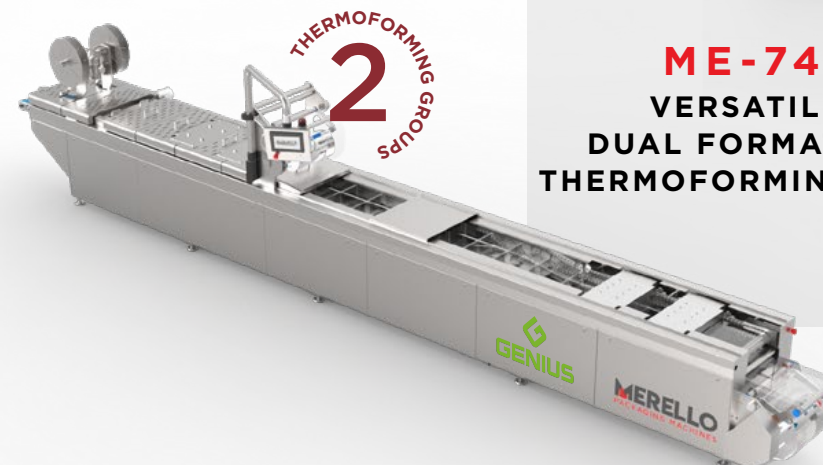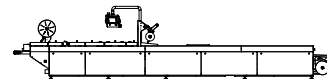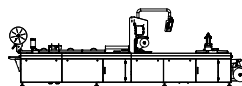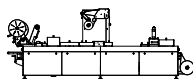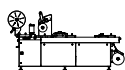10-inch touch screen HMI interface for intuitive operation.
Ergonomic and sanitisable design for comfort and cleanliness.

ME-745
VERSATILE DUAL FORMAT THERMOFORMING

THERMOFORMING GROUPS 2

The ME-745 improves on the ME-725 by having 2 independent thermoforming groups, offering flexibility and adaptability to variable production. With an automatic changeover controlled from the console, it guarantees speed and avoids breakdowns. It stands out for its quality and production speed, being adaptable to any type of product. Configurable in dimensions and finishes, can be integrated with peripherals and equipped with safety and energy efficiency standards. Servomotorised chain drive. 10 inch HMI (touch) interface. Ergonomic and hygienic design.

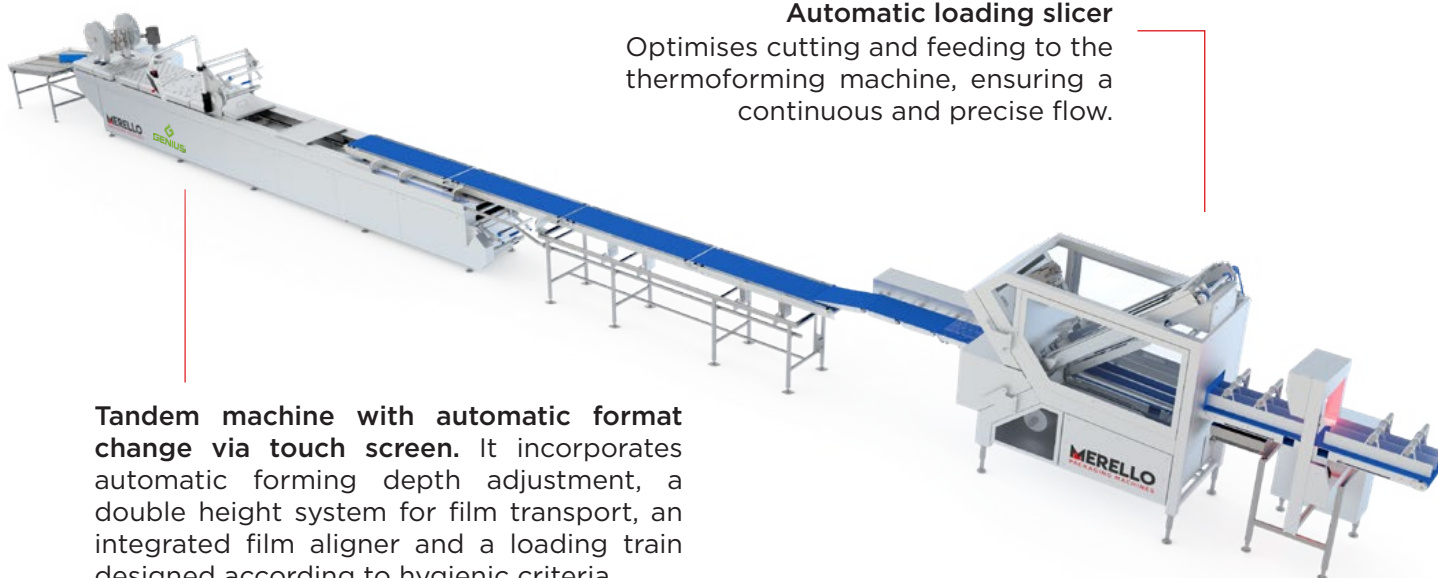*Actual machines may vary from the illustrations in this brochure.

TECHNICAL CHARACTERISTICS	ME-705	ME-715	ME-725	ME-745
Large (approx.)	2.500 a 4.000 mm	Según configuración	Según configuración	Según configuración
Width (approx.)	900 a 1.200 mm	900 a 1.200 mm	900 a 1.200 mm	900 a 1.200 mm
Height (approx.)	900 a 2.000 mm	900 a 2.000 mm	900 a 2.000 mm	900 a 2.000 mm
Weight	13 kW	18 kW	30 kW	34 kW
Max power	50 litres/cycle	60 litres/cycle	40 litres/cycle	40 litres/cycle
Pneum. Consumption	400 V 3L+N+PE ± 10%	400 V 3L+N+PE ± 10%	400 V 3L+N+PE ± 10%	400 V 3L+N+PE ± 10%
Input voltage	Remote VPN	Remote VPN	Remote VPN	Remote VPN
Connection	Up to 6-8 cycles / min	Up to 8-10 cycles / min	Up to 15 cycles / min	Up to 15 cycles / min
Productivity	0 – 80 mm	0 – 120 mm (Other options)	0 – 120 mm (Other options)	0 – 120 mm (Other options)
Tray height	No	Optional	Optional	Optional
Film width	420 - 470 mm	250 - 520 mm	According to configuration	According to configuration
Advances	150 – 300 mm	Up to 500 mm	According to configuration	According to configuration

THESE SPECIFICATIONS ARE SUBJECT TO CHANGE ACCORDING TO CUSTOMER REQUIREMENTS.

Automatic loading slicer
Optimises cutting and feeding to the thermoforming machine, ensuring a continuous and precise flow.

Tandem machine with automatic format change via touch screen. It incorporates automatic forming depth adjustment, a double height system for film transport, an integrated film aligner and a loading train designed according to hygienic criteria.

SINCE 1994 PRODUCING MACHINERY

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