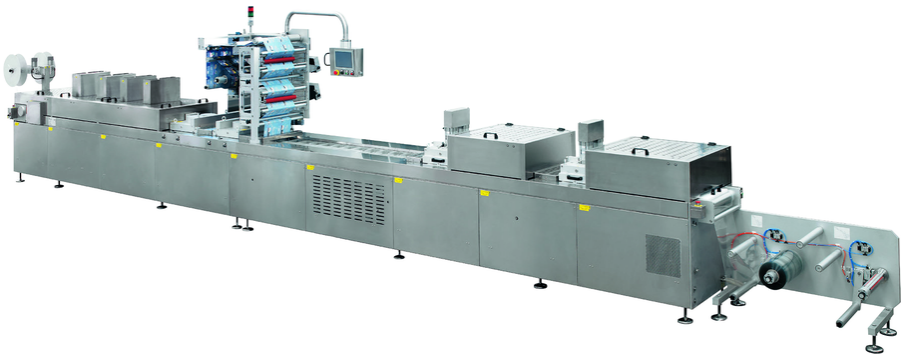
tel. +38 044 225 93 72 · +38 067 566 0 566
kyuri@ec-cibo.kiev.ua · www.ect.kiev.ua
27 Vadyma Hetmana St., Kyiv, 03056, Ukraine

# Thermoforming packaging machines AL.MA.

AL.MA. Srl (Italy) · modified atmosphere, vacuum and skin · machines built to order



An AL.MA. thermoforming packaging line — photo by the manufacturer

## Application

A thermoforming machine forms the tray itself from a reel of bottom film, places the product in it, covers it with the top film and seals it — in a modified atmosphere, under vacuum, with a skin effect or by plain sealing. This is the basic equipment for fresh pasta workshops, meat processing, dairies, confectioneries, sausage plants and bakeries.

## Types of packaging

| Type | What it gives |
|---|---|
| Modified atmosphere (MAP) | a gas mixture instead of air — it extends the shelf life of fresh products |
| Vacuum | the air is pumped out completely; for meat, cheese and sausages |
| Skin | the film wraps the product along its contour, pressing it onto the tray |
| Plain sealing | without changing the atmosphere — when tightness alone is enough |






Examples of packs made on AL.MA. machines — photos by the manufacturer

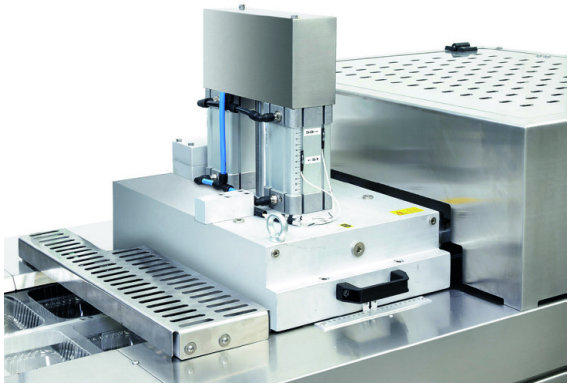
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## Products

Fresh pasta, including filled pasta, and gnocchi; ready meals; bakery products, pizza, focaccia; snacks; sausages whole and sliced; olives; fruit and vegetables; cakes; cheese sliced, soft and hard; meat; fish; sandwiches, croissants; dairy products; piadinas; dried fruit.

## Equipment of the line

— machines for the food sector made entirely of stainless steel;
— a wide choice of printers for the particular application — inkjet, thermal transfer, with bespoke solutions;
— automatic in-line labellers: the label is applied on top of or underneath the pack;
— in-line gas analysers (oxygen / carbon dioxide) and gas mixers;
— production of packs with a euro hole for hanging.



In-line printing on the pack — photo by the manufacturer AL.MA.

## Execution

Machines for the food sector are made entirely of stainless steel — food production hygiene requires it. The manufacturer has been working since 1979 and builds equipment only to order, so as to keep the waste of packaging material to a minimum and to match the pack to the particular product.

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## What the manufacturer does in house

The whole production process is carried out inside the company:
— design and engineering;
— manufacture of all the mechanical assemblies;
— design of the electrical cabinet and its wiring;
— the pipework on the machine and the assembly of all the units;
— PLC programming and the final tests.

## How the machine is selected

AL.MA. has no ready models with fixed data: every machine is designed for the product, the pack format, the output required and the layout of the customer’s workshop. The output, the tray dimensions, the film width, the power and the overall dimensions are therefore determined at the design stage — from samples of the product and of the packaging materials.



Packs of various formats — photo by the manufacturer AL.MA.

## Supply and service

Delivery, installation and commissioning, staff training, warranty and post-warranty service, spare parts. The manufacturer is ISO certified.

This data sheet is an overview: the manufacturer’s materials — both the brochure and the website — give no model designations and no technical figures, because the machines are built to order. The data of a particular machine are agreed at the design stage.