

Global Packaging



**CONVENIENCE FOOD & READY MEALS**  
Packaging Solutions

| EN

# Convenience food & ready meals

## Specialists in Convenience Food and Ready Meals

These sectors demand the highest quality in packaging solutions, requiring excellent presentation with focus on product shelf-life extension.

ULMA is aware that the success of its clients depends on the quality of their products, and therefore on the packaging. For this reason, thanks to more than 50 years experience developing packaging equipment designed for this sector, ULMA can ensure top quality, individual solutions for your product packaging requirements.

Our technological offer covers a wide range of products within the ready meals industry and for processed meat, poultry, fish, fruit and vegetable products, etc.

## Global Offer

ULMA offers the widest range of packaging solutions on the market, from solutions for catering distribution to final retail distribution. ULMA offers packaging solutions between five different packaging systems:

Thermoforming, Traysealing, Horizontal Flow Pack (HFFS), Vertical Flow Pack (VFFS) and Stretch Film, each with their unique ability to customise the package presentation and shelf-life needs of the product.

In addition, ULMA offers complete fully automated solutions from the handling and loading of the product, to the final crate packing and palletizing.



# Convenience food & ready meals

Sandwiches, baguettes, bread rolls...

This type of product requires packaging that not only protects the product but also extends its shelf-life. The main purpose of these packages is to keep the product fresh and present it to the consumer with an attractive appearance.



*Packaged in a modified atmosphere (MAP) to extend the shelf-life of the product.*

*Eat & Go.*

TF - MAP

FP - MAP

# Convenience food & ready meals

## Pizzas

Once they are processed, pizzas require a packaging system that not only protects the product, but also extends its shelf-life. There are several alternatives for both fresh products and frozen products, depending on the requirements for production, presentation and the product's shelf-life.



TF



TF - MAP



FP - BDF®



FP - SHRINK



FP - MAP

*Packages designed for an easy consumption:*

- Remove
- Bake
- Eat



FP

# Convenience food & ready meals

Pasta, lasagna, rice ...

Attractive packages that protect and extend product's shelf-life, while improving product presentation at the point of sale.

FP - BDF®



TS



TS - MAP



FP - MAP

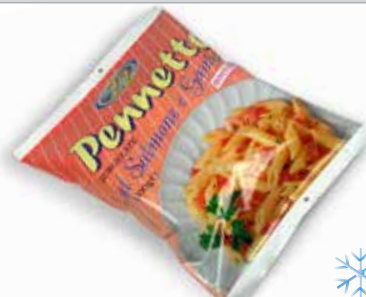


FP



*Hermetic seal packages with ideal presentation that preserve product characteristics and taste.*

VT



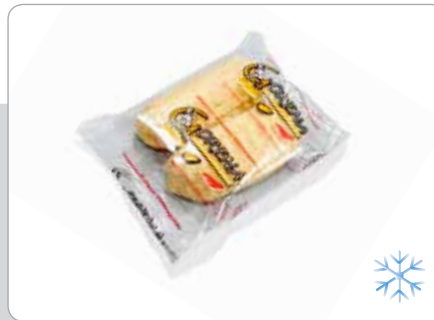
# Convenience food & ready meals

Battered, breaded and ready to fry

Simple solutions for fresh and frozen products.



VT



Attractive packages,  
easy to use and  
economic.

FP

# Convenience food & ready meals

ULMA offers a wide range of packaging technologies that includes packages with increased mechanical resistance for an extra product protection.

TF - VACUUM



TS - MAP



TF - SKIN



VT



FP



TF - MAP



TF



*Resistant packages with a modified atmosphere (MAP) or vacuum packs to extend the shelf-life of the product.*

*Ready to fry.*

VT



FP - MAP



TS - MAP



# Convenience food & ready meals

Ready dishes, meat or fish in sauce, stews...

Vacuum or modified atmosphere packaging (MAP) with the primary goal of keeping the product fresh and extend its shelf-life.



*Packages that are ready to heat and eat.*



TS - MAP

TF - VACUUM

TF - VACUUM



# Convenience food & ready meals

## Roasted meals

Roasted or pre-cooked meals in vacuum or modified atmosphere packaging (MAP).

Shrink or skin packages where the film is adapted to the product and preserves product freshness with an attractive presentation for the consumer.



*Optional packaging that can be pasteurised or sterilised to extend product's shelf-life.*



TF - VACUUM



TS - SKIN



FP - BDF®



# Convenience food & ready meals

## Ready to eat

Processed or semi-processed products based on potatoes, packaged in a modified atmosphere (MAP) or in a vacuum to keep the product fresh and extend its shelf-life.



*Traditional products that do not require cooking.*



# Convenience food & ready meals

Creams, sauces, soups...

Packages designed for processed and cooked products to be consumed individually, for a food service or meal-assembly.

VT - MAP



TF

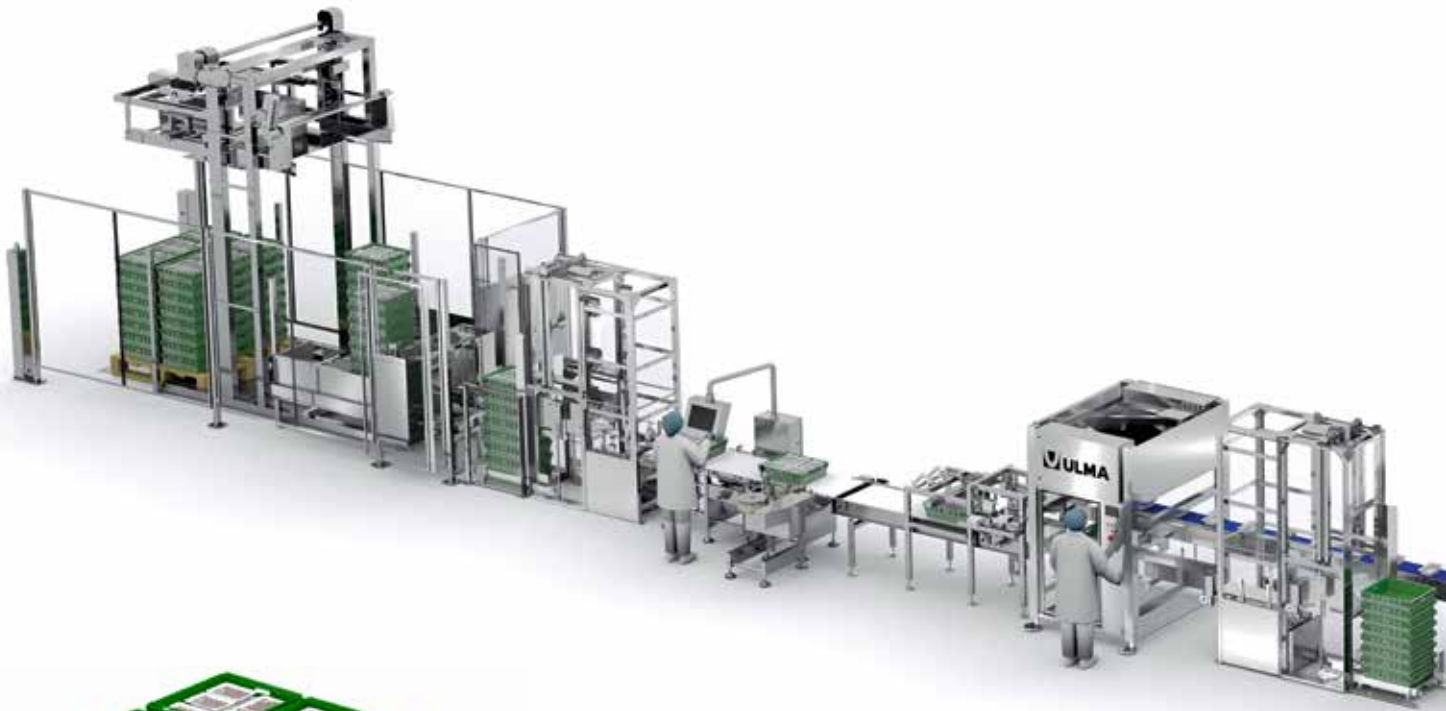


*Sauces and condiments to make preparation easier.*

TS

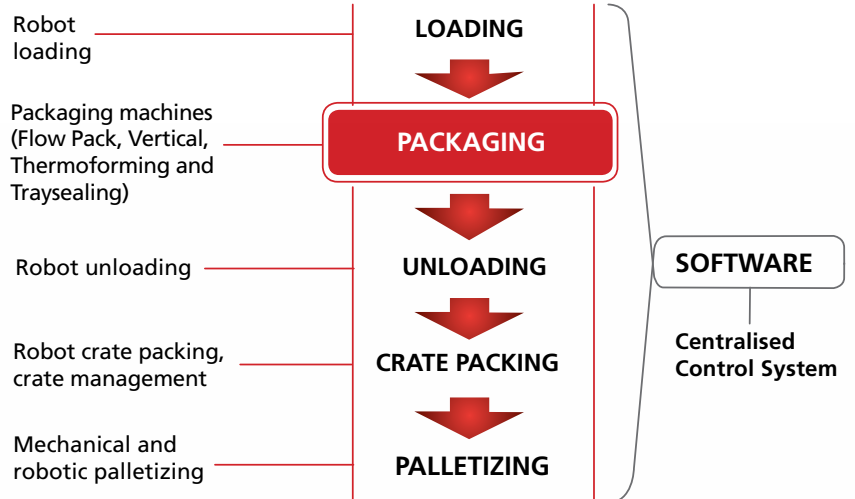


# Automation of packaging lines



## ULMA Packaging Automation

- ▶ A single point of contact for the client.
- ▶ Design adapted to the specific needs of each client.
- ▶ Complete integration of the automatic line.
- ▶ Optimisation of the mechanical and electronic functionality and performance of the global solution.
- ▶ Simple centralised handling of the complete line.



# Automation of packaging lines

## ULMA Packaging Automation

ULMA offers COMPLETE SOLUTIONS:

- Primary processes:
  - The handling
  - Alignment
  - Collating
  - Transport, loading or dosing of products
- Secondary processes:
  - Weighing
  - Labelling
  - Inspection and control
  - Crate packing and final palletizing

ULMA Packaging Automation has developed robotic automatic loading systems, (including artificial vision systems that allows classifying according to size, shape, colour...) automatic unloading and boxing.

All controlled via a Centralized Control System, offering the integration with the production software.

The offer is completed with internal logistics transport systems for empty and/or full crates as well as the denesting and transport of trays.



# Packaging types and technologies

## TRAYSEALING - TS

Sealing of preformed trays in automatic machines called traysealers. The trays can be foam or rigid.

### ▶ TS - MAP

Packs with protective atmosphere inside a barrier tray, to extend shelf-life of the product.

### ▶ TS - SKIN

Vacuum packages where the film fully adapts to the shape of the product improving its aspect and conservation.



## VERTICAL (VFFS or Flow Pack Vertical) - VT

The pack is formed by vertical flow pack wrapping machines. A tube of film is formed around a product and sealed with one longitudinal and two transversal seals. This packaging technology offers a completely hygienic pack, with high production capacities where the product is vertically charged.

Ideal for frozen poultry portions.

### ▶ VT - MAP

Packs formed and sealed with protective atmosphere to extend the shelf-life of the product.

## THERMOFORMING - TF

Flexible pouches or rigid trays are formed by automatic machines called thermoformers. The internal cavity is formed, using a roll of base film, where the product is placed. The container is then sealed with a second film, with the option of vacuum or gas flushing.

### ▶ TF - VACUUM

Flexible film packs with partial or full vacuum, extending the shelf-life of the product and enhancing the appearance.

### ▶ TF - MAP

Rigid or flexible film packs are sealed with a protective atmosphere, to enhance colour and extend the shelf-life of the product.

### ▶ TF - SHRINK

Packs are formed and sealed with vacuum. The packs are passed through a film shrink process to further enhance the product appearance.

### ▶ TF - SKIN

Vacuum packages where the film fully adapts to the shape of the product improving its aspect and conservation.

## FLOW PACK (HFFS) - FP

A single roll of film is folded and formed as a tube around the product. One longitudinal and two transversal seals are created to close the pack.

### ▶ FP - MAP

Packs enclosed with a protective atmosphere in a barrier film to extend the shelf-life of the product.

### ▶ FP - SHRINK

An economic and hygienic shrink pack solution designed for large production requirements.

Product wrapped in shrink polyolefin passes through a shrink tunnel, forming a protective "second skin".

### ▶ FP - BDF® (Shrink Film Barrier)

A packaging technology that flow packs the product with a high barrier in a modified atmosphere (MAP). The result is a shrink pack presentation with enhanced product colour and extended shelf-life.

® BDF is a registered trademark of Cryovac Inc., a subsidiary of Sealed Air Corporation.

# Service

## The ULMA advantage

At ULMA Packaging we are dedicated to work in close collaboration with our clients, which has become our key to customer satisfaction. Our Customer Focus through Service Excellence is the unique ULMA Advantage.



### Training

- Training conducted by a team of specialists.
- Our training includes both courses at ULMA and onsite installations.
- ULMA offers modern communication technology for holding long-distance training, including video conferencing.
- Training is conducted during start-up and full production. The training includes technical detail of how to effectively use, clean and maintain the machine, along with important safety training.



### Preventative Maintenance

Maintaining your packaging machines in good working conditions assures higher productivity and profitability, and a shorter recovery time of your investment.

ULMA offers customized preventive maintenance service including visits at regular intervals over the year by a trained technical ULMA specialist, who will thoroughly inspect the equipment, focusing on the major mechanisms, controls and safeties of the machine.



### Spare Parts

- Machine spare parts in more than 20 countries ensures availability in the least amount of time possible.
- Original spare parts, of the highest quality.
- Guaranteed delivery of standard spare parts to any part of the world within 24 hours via express service and 3-4 days via normal service and for non-standard parts.
- ULMA guarantees the availability of any spare part for at least 10 years after the machine's initial supply.



### Technical Service

- We have highly qualified technicians in all countries around the world, providing a locally based, fast service.
- We offer extra services for special promotional periods.
- A Broad Service Availability, offers access to resources and the ease of contact from anywhere in the world.
- Immediate telephonic technical support via technical experts specialised in each product line.
- Remote assistance via the Internet, enabling our programmers to remotely take control of your machine and diagnose problems.
- Option to purchase various spare part kits with the machine.
- Retrofitting of machines already installed to new formats or applications.

Thanks to an experience of more than 50 years, we are a worldwide reference in the design and manufacturing of high-tech packaging systems and equipment.

More than 50 years evolving, innovating, perfecting our technology and our services. An extensive network that is available to offer you solutions anywhere in the world, and to fully satisfy customers that place their trust in us.

For additional information, please visit our website:

[www.ulmapackaging.com](http://www.ulmapackaging.com)



# ULMA

ULMA Packaging, S. Coop.  
Bº Garibai, 28 - Apdo. 145  
20.560 OÑATI (Gipuzkoa) SPAIN  
Tel.: +34 - 943 73 92 00  
Fax: +34 - 943 78 08 19  
Web: [www.ulmapackaging.com](http://www.ulmapackaging.com)  
e-mail: [info@ulmapackaging.com](mailto:info@ulmapackaging.com)