



## RANGE OF **VERTICAL WRAPPERS**

OUTSTANDING HYGIENE, PERFORMANCE AND RELIABILITY

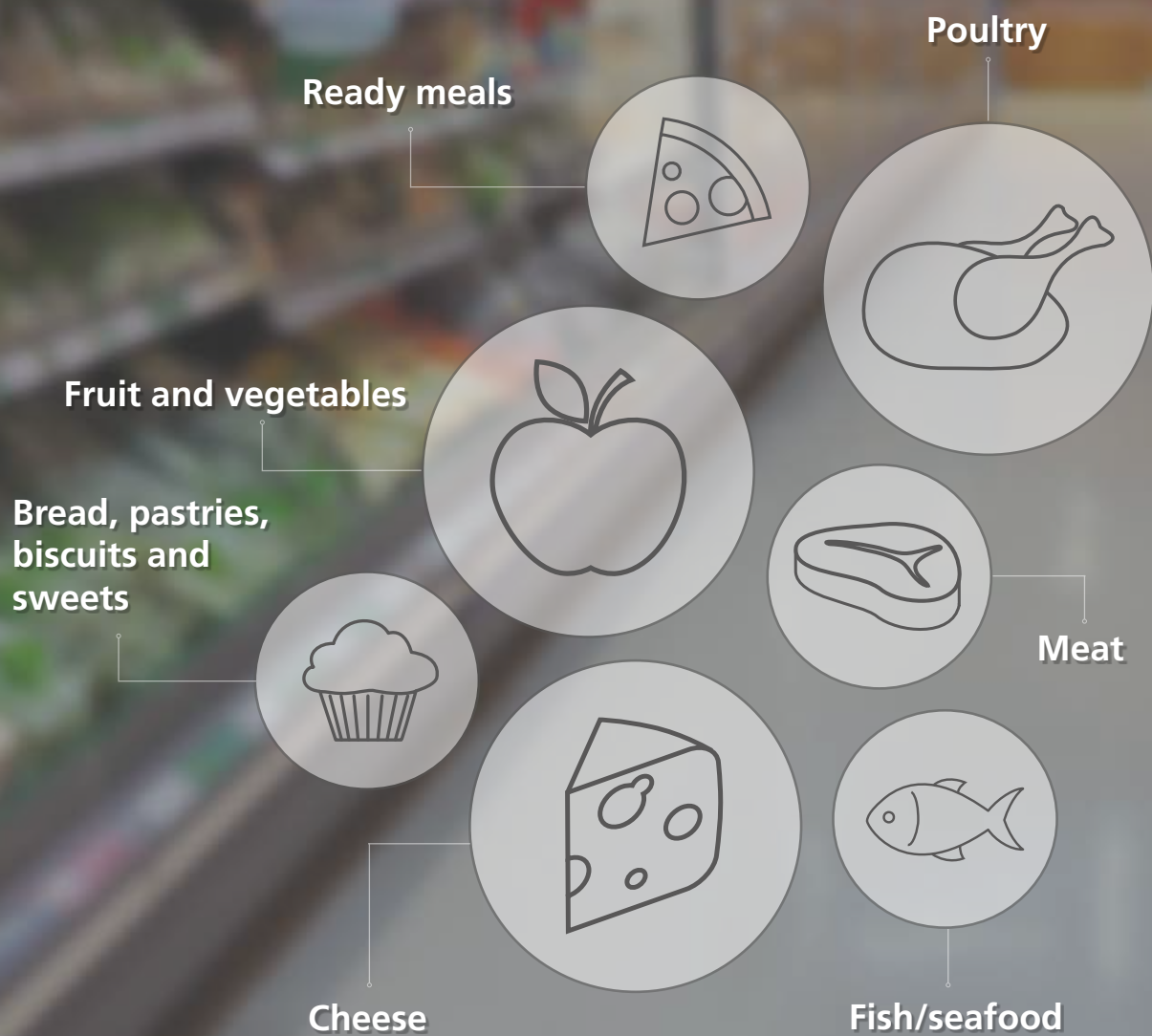


GLOBAL PACKAGING

# Discover smart production with our vertical wrappers

ULMA's range of vertical wrapper was designed with and for the customers.

Its outstanding operating performance and advanced features ensure high productivity rates with the highest quality of packaging.



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# WELCOME TO ULMA PACKAGING

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## Global packaging

As a global leader in packaging solutions, we anticipate the challenges of smart production. We boost the growth of our customers' businesses through our ingenuity and passion, doing so with a highly responsible attitude, minimising our carbon footprint and looking after the interests of all stakeholders involved. We use our strengths to overcome this challenge, so that we can shape the overall transformation of the sector together.

### Global service

When you choose ULMA as your packaging solutions partner, you are putting your production in the hands of a strong **organisation with over 1,800 people**. You will have access to an extensive **global service network composed of over 250 professionals**. Our experts will support you in all phases of your relationship with ULMA.

### Committed to innovation

In our technology centre we design solutions that meet the market's most demanding requirements in terms of performance, hygiene and the quality of each element. We take special care to ensure that all models include commercial components that are available everywhere in the world, thus minimising the associated maintenance costs.

### Efficiency: a vital ingredient

Our experts work closely with our customers, technology centres and partners in the sector to develop innovations that optimise the use of materials and supplies, helping to reduce operating costs and minimising the environmental impact.

### Experience and know-how

Our experience of **over 60 years developing packaging equipment and solutions** allows us to offer you the system that best suits your needs.

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# ULMA VERTICAL WRAPPERS

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## High productivity and outstanding hygiene

ULMA's range of vertical wrappers offers a comprehensive choice for numerous food sectors. Our solutions stand out due to their design concept, focused on ensuring the highest hygiene levels in all processes. They also have advanced features designed to improve productivity and efficiency, enhancing user operability, thus ensuring a quick return on investment.

### Optimal hygiene

An optimised design to meet all of the hygiene and cleanliness requirements of the food industry. The premium ranges also have a special wash down design and offer an IP66 degree of protection, with all surfaces meticulously designed to facilitate water drainage. This concept provides unbeatable results in the food sector, especially for fresh food.

### High efficiency

Optimised OEE (Overall Equipment Efficiency). We are committed to providing more than 98% technical availability.

### Simple and easy-to-access maintenance

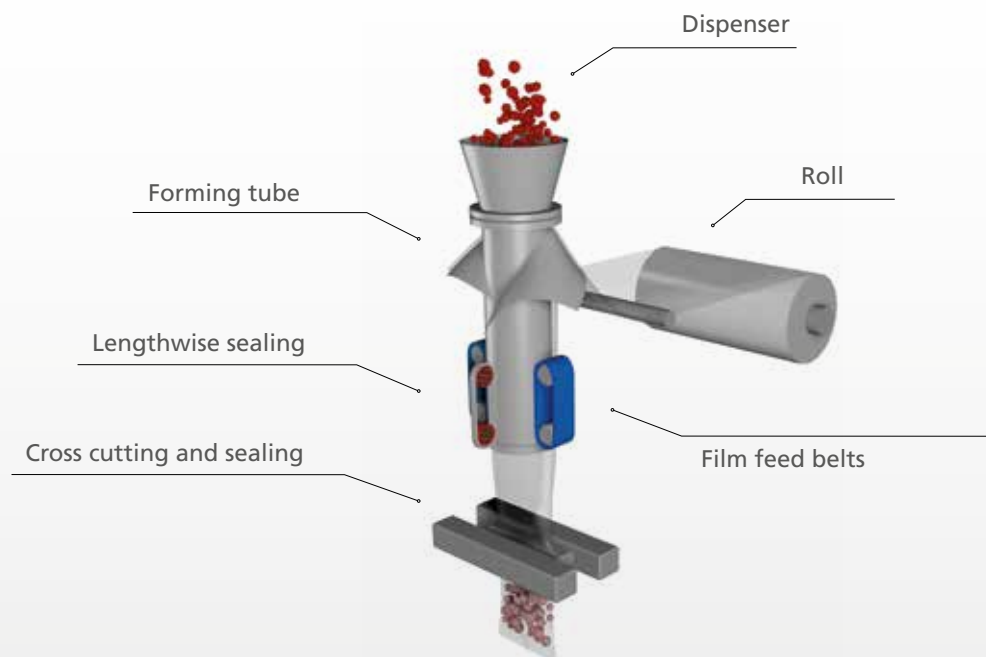
Our vertical wrappers have been designed to minimise maintenance costs and ensure full accessibility for any operation adjustment.



## Result-oriented technology

The vertical wrapping technique uses a single roll of film to perform the wrapping and it forms the packaging with three seals, two crosswise and one lengthwise.

This range offers numerous advantages for packaging fresh, dried and frozen foods. It is ideal for packaging loose, granulated and doughy products and products that are hard to handle.



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### A VERSATILE, MULTI-PURPOSE RANGE

ULMA's range of vertical wrappers offers unbeatable results in a wide variety of sectors, excelling especially in fresh food.

# Optimised design and multiple features for all users

Having an in-depth knowledge of our customers' production needs has enabled us to create a versatile range that meets all of their production requirements.

## Easy to use

Full visibility and easy to use for operators with simple daily adjustments.

## Automation systems for uninterrupted production

A wide range of customisation and automation options to prevent any unforeseen events and correct any faults, trapped product, etc. in real time.

## High precision and repeatability

Bag length precision and repeatability, even at high speeds.

## Easy to integrate with peripherals and external equipment

Wrappers that are easy to integrate with external units to form fully synchronised lines, ensuring high production efficiency.

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## SIDE FORMAT CHANGING

ULMA Packaging's exclusive system that enables format changing on one side.

- A more ergonomic and simple process.
- Improved operator safety, preventing any incidents.

*Example of the side format changing process on one of our vertical wrappers.*



## Highly reliable seals for optimal protection

All models in the series can be specially configured to develop a wide range of seal types, allowing us to adapt the solution for our customers to ensure the optimal handling and preservation of their product.

In addition to our expert knowledge and extensive experience with systems that use **impulse** or **ultrasonic sealing**, at ULMA we have our own **SEALFLEX™** technology, which provides significant improvements.

### SEALFLEX™

An adaptable universal system for solutions with different types of seal and film.

- The frequency of jaw and teflon tape changes is much lower than with the impulse sealing system.
- It minimises maintenance costs.
- It enables quicker changes thanks to its optimised design.

*Image of the SEALFLEX™ sealing system developed by ULMA.*



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## A DIFFERENT VERTICAL WRAPPER MODEL TO MEET EACH NEED

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Three levels of vertical wrappers, with outstanding quality, reliability and safety standards, offering solutions that are tailored to the production needs and features required by each customer.

We also have configurations that are specially designed to successfully perform highly specific wrapping processes. ULMA can offer the best return on investment.

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### ENTRY LEVEL

VTI 200

Compact configuration,  
perfect for applications  
at intermediate speeds.

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### MEDIUM RANGE

VTI 400  
VTI 500

Versatile and robust  
configuration for medium-batch  
production and ideal for a wide  
variety of products.

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### PREMIUM

VTI 600  
VTC 800 / VTC 800 R

Premium configuration  
that ensures optimal reliability  
and hygiene thanks to its  
advanced features and wash  
down design concept.



## VTI 200

Designed for packaging a wide variety of products. This is the most compact version, with outstanding reliability and ease of use. This is the perfect machine for applications at intermediate speeds and it offers exceptional value for money.

- Horizontal sealing operation through pneumatic cylinders.
- Film pulling with an asynchronous motor.
- Robust mechanical and electrical components that are compact in size and easy to maintain.
- Controlled via an industrial PC with a 5" screen, with all of the machine's features integrated into the screen.
- Tilted version available.

VTI 200		
Production	Up to 70 cycles/min.	
Pack dimensions	Length	50-380 mm (up to 650 mm with double pull)
	Width	80-280 mm
Film width	600 mm	
Maximum roll diameter	450 mm	

ULMA reserves the right to change the specifications without prior notice.



## Versatile and ergonomic

The VTI 200 range offers optimal performance in small-scale or medium-batch production, ensuring ease of use.

## MEDIUM RANGE

### VTI 400

Intermittent vertical wrapper that is exceptionally versatile and robust for medium-batch production. It is suitable for a wide range of pack sizes and types.

- Mechanical operation powered by AC motors.
- State-of-the-art electronic components.
- Industrial PC that comes with an easy-to-use screen.
- Wide range of extra features according to the product being packaged.
- Tilted version available.

### VTI 500

Vertical wrapper that offers all of the benefits of the 400 series and also features high performance servomotors. It is highly dynamic, easy to maintain and simple to operate.

- Advanced electronic controls and motors with excellent dynamic properties.
- The use of brushless servomotors simplifies maintenance.
- Programming is extremely easy with the industrial PC that centralises its operation.

		VTI 440	VTI 460	VTI 528	VTI 540
<b>Production</b>		Up to 100 packs/min.	Up to 60 packs/min.	Up to 120 packs/min.	Up to 110 packs/min.
<b>Pack dimensions</b>	Length	50-480 mm (up to 650 mm with double pull)			
	Width	80-400 mm	150-600 mm	80-280 mm	80-400 mm
<b>Film width</b>		850 mm	1250 mm	600 mm	850 mm
<b>Maximum roll diameter</b>		450 mm			

ULMA reserves the right to change the specifications without prior notice.



## Reliable and robust

The VTI 400 and 500 ranges offer outstanding performance and are extremely robust for medium-batch production.

PREMIUM

## VTI 600

Premium development for intermittent packaging technology, featuring outstanding operating performance and numerous features that improve production rates.

- Hygienic design, prepared for harsh environments and demanding cleaning processes.
- Side format changing: practical, safe, ergonomic and simple.
- Easy to use. simplified daily adjustments without tools.
- Facilitates visibility and optimal accessibility.
- Optimised design to minimise maintenance costs and with full accessibility for any adjustment or maintenance task.

VTI 628		VTI 640
Production	Up to 120 cycles/min.	Up to 110 cycles/min.
Pack dimensions	Length	50-480 mm (up to 650 mm with double pull)
	Width	100-280 mm 100-400 mm
Film width	600 mm	840 mm
Maximum roll diameter	450 mm (please ask for larger diameters)	

ULMA reserves the right to change the specifications without prior notice.



## Reliable and versatile

The VTI 600 range offers outstanding process hygiene for vertical wrapping with intermittent technology.

# PREMIUM

## VTC 800

It offers unbeatable performance, operating continuously and ensuring the highest quality of packaging.

- Maximum productivity thanks to the continuous packaging technology, ensuring a smoother process.
- Hermetic design, prepared for harsh environments and designed for demanding cleaning processes.
- Possibility of changing format on one side: practical, safe, ergonomic and simple.
- Low maintenance costs: optimised design to minimise maintenance costs and with full accessibility for any adjustment or maintenance task.

## VTC 800 R

Outstanding performance from this version with a rotating jaw.

The VTC 800 R version offers all of the advanced features of the premium range, but also allows you to create bags with zip at high speeds.

		VTC 828	VTC 840	VTC 828 R	VTC 840 R
Production		Up to 180 packs/min.	Up to 140 packs/min.	Up to 180 packs/min.	Up to 110 packs/min.
Pack dimensions	Length	Up to 650 mm			
	Width	100-280 mm	100-400 mm	100-280 mm	100-400 mm
Film width		600 mm	840 mm	600 mm	840 mm
Maximum roll diameter		450 mm (please ask for larger diameters)			

ULMA reserves the right to change the specifications without prior notice.

**VTC 800**



**VTC 800 R**



## Unbeatable performance

The 800 range combines a design that is aimed at ensuring the highest level of hygiene in all processes and a high productivity rate thanks to its advanced features.



## COMMITTED TO SUSTAINABLE PACKAGING

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WeCare is a comprehensive strategy that we are promoting at ULMA Packaging to address the risks of the single-use consumer culture, pursuing a transition towards a circular economy. We work to:

- Reduce packaging material.
- Improve our solutions to increase the durability and preservation of the packaged products, thus reducing waste.
- Innovate, to ensure that all of the plastics that we need are designed to be safely reused, recycled or composted.



## Technologies in vertical wrappers

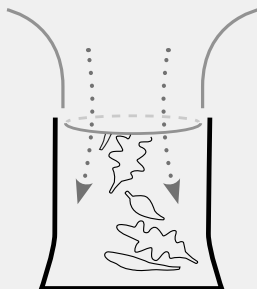


### VENTURI SYSTEM

- ✓ Suction system to ensure that light products drop more quickly.
- ✓ 10-15% increase in production.
- ✓ It avoids product bridging.

### WECARE\_BENEFITS

- ✓ It minimises the risk of the product becoming trapped in a cross seal.
- ✓ It reduces the length of the pack by between 15% and 20%, ensuring significant material savings.

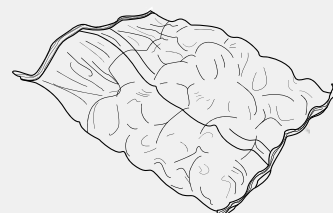


### TIGHT-BAG

- ✓ A system that allows you to control the level of air inside the packaging without any perforations.
- ✓ Air extraction adjustable through the user interface.
- ✓ No more perforations to remove the air.
- ✓ Fully sealed bags.
- ✓ Safer products with no risk of external contamination.
- ✓ No moisture loss and no oxidation.
- ✓ It reduces frost.
- ✓ It makes packing easier, increasing packs by up to 15%.
- ✓ The product moves around less inside the bag.

### WECARE\_BENEFITS

- ✓ Lower logistical costs.
- ✓ Optimisation of secondary packaging.



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## ADDITIONAL CUSTOMISATION

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### Boost your productivity and make it easier to operate the equipment

All models in our range of vertical wrappers are optimised with different components and additional technologies to further improve the machine's performance, boost productivity and further facilitate their operation by the operator.

Uninterrupted production

Ergonomic and functional

Double roll holder with  
automatic roll change which  
can be installed on medium  
and premium models

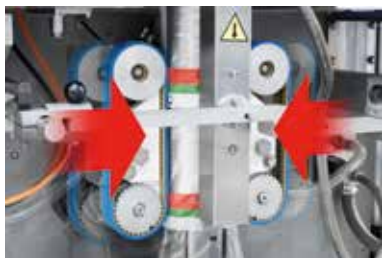




#### **Motorised contrast sensor**

Automatic positioning of the contrast sensor based on the width of the film; instruction-programmable.

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#### **Automatic positioning of film pulling belts**

Automatic adjustment of the opening/closing of belts through suction, according to the format size.

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#### **Motorised encoder**

Automatic positioning of the encoder according to instructions.

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#### **Advanced labelling features**

Labelling control of packaging.  
Print quality control.

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## COMPLETE LINES AND TURNKEY SOLUTIONS

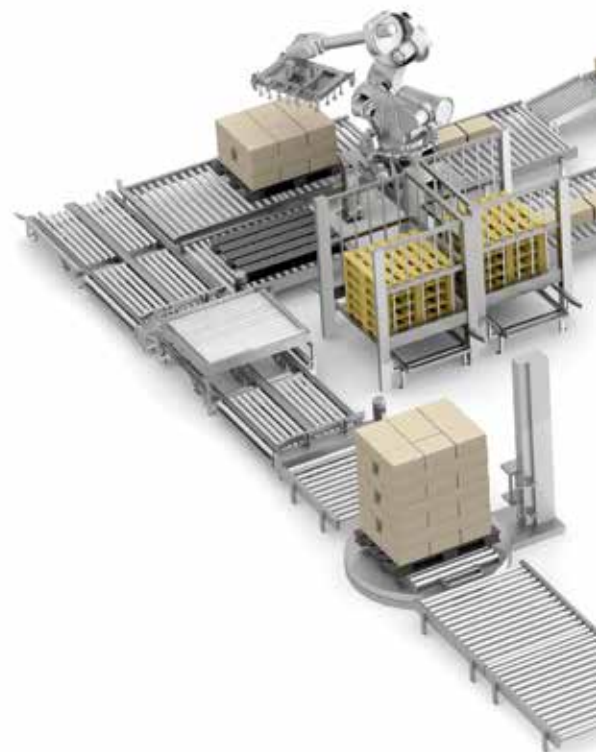
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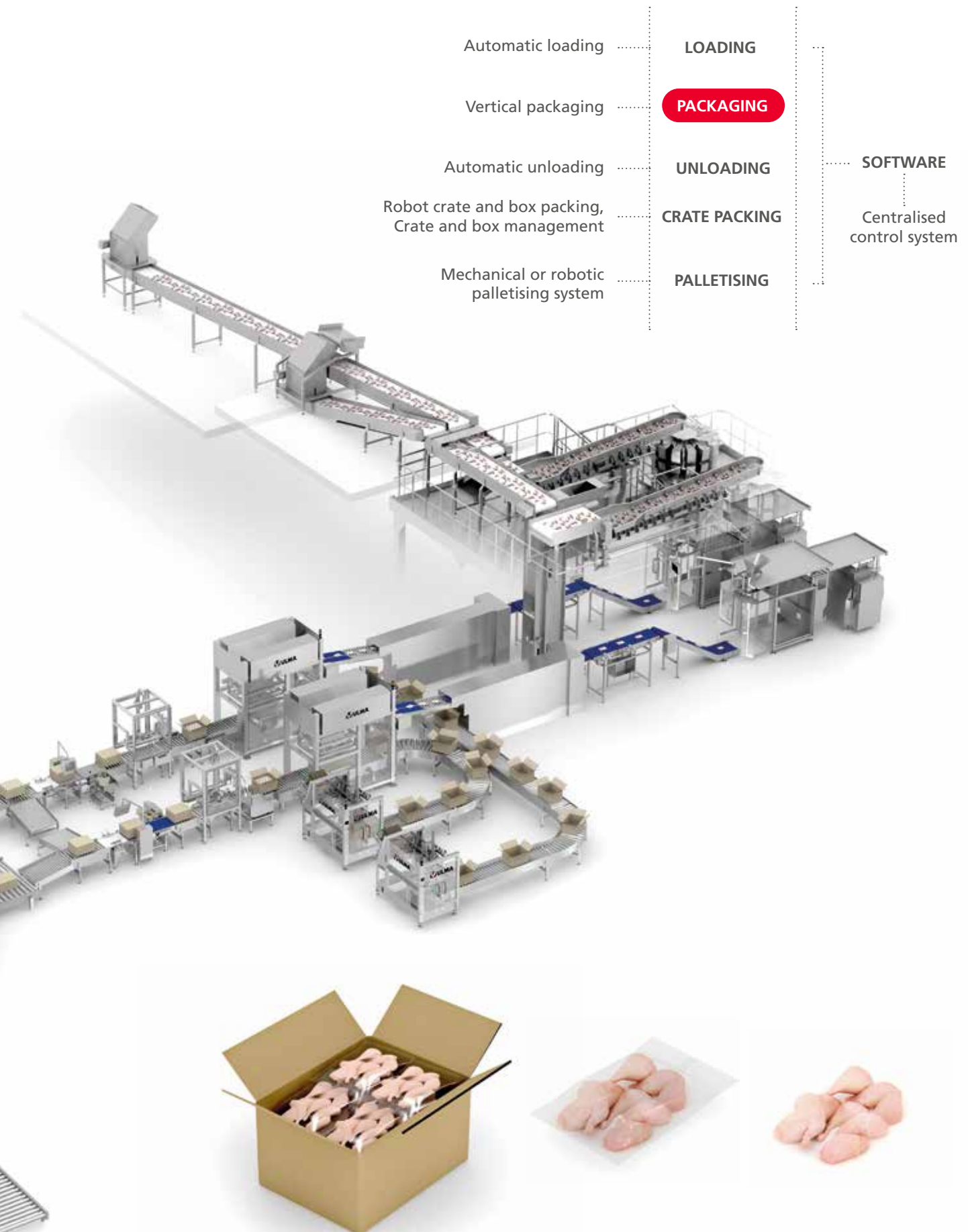
At ULMA Packaging we develop complete solutions with a high level of customisation and which are tailored to meet each customer's needs, either through proprietary technological developments or by integrating our partners' products, while ensuring the optimal reliability of the unit.

Implementing these solutions makes it possible to reduce the number of incidents and increase productivity. Thanks to our comprehensive knowledge of our customers' processes and requirements, we are able to develop turnkey solutions and automated systems for a large number of tasks, so that complete lines are formed with all of their peripherals.

We provide our customers with comprehensive and fully automated solutions that cover everything from product handling and loading to product inspection, labelling, packing and final palletising.

Lines with real-time tracking of production progress, with monitoring of process incidents and product quality control at the end of the line to ensure efficient production.





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# ULMA DIGITAL SMART MACHINES

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## UPC 4.0

Comprehensive machine control brought together in a single control console. UPC 4.0 is ULMA Packaging's digital package that facilitates the operation of our packaging machines, simplifies maintenance, enables remote connectivity and improves overall productivity.

ULMA's solutions are designed to be integrated into smart factory networks. Equipped to collect real-time data, their monitoring and analysis tools allow the efficiency and return on investment of production lines to be optimised.

ULMA equips its solutions with proprietary tools for OEE measurement, energy consumption and preventive maintenance, among other things, to facilitate the analysis of the equipment's total cost of ownership (TCO).

### Easy to use

- Several user access and validation levels through Active Directory or RFID.
- Intuitive interface that can be customised by the operator.
- Manuals and explanatory videos that can be accessed from the panel, including the Standard Operating Procedure (SOP) for the most common operations.
- Integration and centralised control of peripheral devices such as printers, labellers, alignment systems, analysers, etc., thus avoiding unnecessary handling and minimising errors.

### Assistance for maintenance

- Integrated maintenance planning software.
- User and change management compliant with CFR 21, part 11.

### Analysis and improvement of productivity (Overall Equipment Effectiveness)

- PackML (OMAC): standardised machine status indicators.
- Real-time record of process variables (UDAQ).

### Connectivity

- Remote viewing system identical to that available on the operator's panel.
- RSM (Remote Service Management).
- MES and ERP system integration.
- Cloud connectivity through MQTT.

# myULMA, exclusive customer portal

myULMA gives our customers a place to analyse online and offline systems so that they can make real-time improvements.

The system features a range of services such as predictive maintenance and the in-depth analysis of machine activity.

Together with remote monitoring and access to instant professional support and technical information, these features allow the customer to analyse the condition of the machines and optimise their packaging processes. It is an efficient, user-friendly, customisable and secure system, which makes maintenance and servicing considerably easier for the customer. It also allows production processes to be assessed in order to obtain packaging of the highest quality and safety without the need for in-depth technical knowledge.

## FEATURES

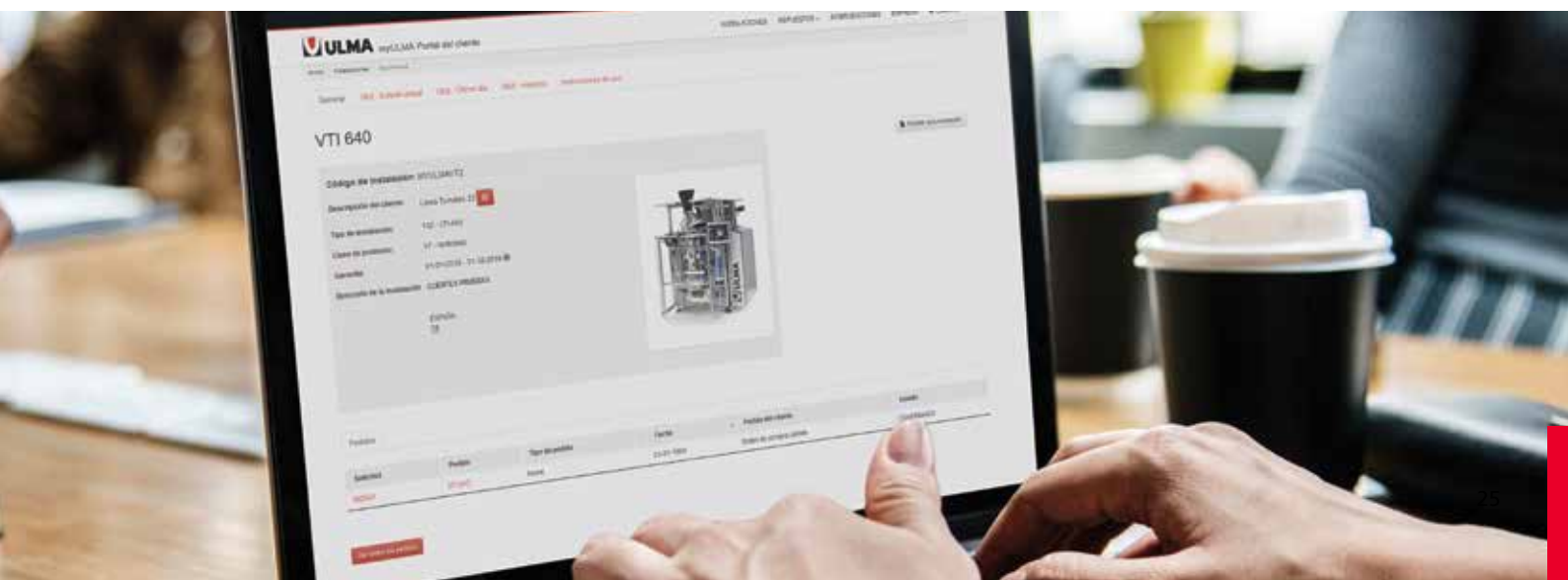
- Information about your ULMA machines.
- Access to manuals and technical documents.
- Spare part and order management.
- Available 24/7.
- Create and edit customised SOPs.
- Customised secure access via personal login credentials.
- Real-time monitoring of OEE data and data collection for up to 12 months.
- Monitoring and analysis of the OEE of machines.
- Access to the SMART BACKUP module.
- Access to the machine's LOG EVENT ANALYSER.



Online and offline equipment analysis tool (OEE) through a user-friendly and intuitive user environment.



Spare parts finder with a direct purchase option.





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# ULMA PACKAGING SMART SERVICE

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**We act as an extension of our customers' own teams and we excel due to our:**

## **Proximity**

We tackle our customers' challenges and we have in-depth knowledge of their systems and production capacities. So we are committed to always offering a direct service. Our customers always have a way of immediately contacting their nearest technical service centre. They have the peace of mind of knowing that, whenever they need it, they will have quick access to a local expert who has all of the information about their systems.

## **Speed**

Our in-house service network is deployed across 24 countries. Additionally, through our network of distributors, we are able to ensure that there is a technical service centre in over 130 countries, allowing us to act and respond quickly and expertly.

## **Effectiveness**

Specific solutions for the most demanding challenges. We have experts who specialise in each product line for international operations and an Expert Technical Committee, formed by highly qualified professionals who will give you advice to ensure the effectiveness of all your procedures.

## **ONLINE SUPPORT AND TROUBLESHOOTING**

- Remote diagnostics.
- Remote technical support for troubleshooting.
- Secure VPN connection.
- Secure connection via the RSM platform (ULMA Remote Service Manager).
- Software updates.
- Data recovery and configuration.
- Video conferencing and live video support.

## **PREVENTIVE MAINTENANCE**

- Customised maintenance plans for each machine.
- Scheduled maintenance plans.
- Service provided by ULMA's expert technicians.
- Linked to SMART MACHINE functionalities (EVENT LOG, PREVENTIVE MAINTENANCE WIZARD).



**We ensure greater  
operability and productivity**



**We operate  
highly effectively**



**We are committed and  
offer the highest quality**

# Together with you at critical moments

## 1. Installing systems

Our customers place great importance on their systems being installed quickly and efficiently, for which they always receive close cooperation from ULMA Packaging. This means that we not only get production up and running more quickly, we also ensure the optimal performance of the machines throughout their service lives.

- Optimal design of the floor area.
- Installed by experts from ULMA.
- Multidisciplinary teams to guarantee success.
- Factory production simulation.

## 2. Commissioning

We work to ensure that our solutions meet the specific needs of their plants and their production requirements. To achieve this, we carefully examine each project and offer bespoke, expert solutions. We are also committed to training our customers to give them the autonomy that they need and the resources and knowledge necessary to get the most out of their equipment.



### 3. Technical Assistance

We strive to ensure that our customers receive a friendly, quick and effective service, and we have structured our company to meet this commitment. Thanks to our extensive network, we can act immediately across a very wide area.

- Teams specialising in each product line.
- Covering over 130 countries.
- Professional service.
- Support from an Expert Technical Committee.

### 4. Spare parts service

We have a spare parts service designed to optimise the swift delivery of spare parts and their immediate installation. Our original spare parts ensure the optimal performance of our systems, as well as improving safety and reliability, minimising downtime and maximising productivity.

### 5. Preventative maintenance

At ULMA Packaging, we offer our customers different maintenance plans in order to ensure that all necessary adaptations and corrections are implemented on time. This minimises or prevents unscheduled interruptions, increases the safety and reliability of the systems and reduces costs by extending the service lives of the systems and tools.

### 6. Remote assistance

All machines equipped with our proprietary UPC control system have a remote access system installed as standard, at no extra cost. Our technicians can provide remote support, fixing problems, installing updates and optimising machine availability without having to visit your facilities.

When it comes to online services in a production environment, data security and privacy are of vital importance. Our services are based on a wide range of security features that meet the highest standards:

- Secure VPN connection.
- Certificate-based encryption.
- Full access control so that the customer can actively enable/disable the remote connection.
- Access restricted to authorised personnel and ULMA's technical staff.
- Secure server infrastructure hosted by ULMA.

Data security is of paramount importance, especially in a remote connection, which is why ULMA guarantees it through its own secure communication platform: the RSM (Remote Service Manager), which supports multiple protocols and technologies such as soft VPN and secure routers. It is even possible to integrate machines from different generations.

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## ALWAYS NEAR

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Established in **1961**

**Over 60,000**  
machines delivered

**Over 1,800**  
people

Present in  
**+130 countries**

**Innovation Hub**

More than  
**250 patent titles**

Our global vision is supported by a network of offices and subsidiaries in 24 countries across the world. We also have a network of local distributors who cover over 130 countries. This proximity gives us a better understanding of our customers' real needs and allows us to offer them greater flexibility and speed.

### **The strength of a large group**

We are part of the ULMA industrial group, a strong, diversified business group with over 4,000 people spread across 9 businesses in different industrial areas, allowing us to offer our customers the reliability of a large group.



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# INNOVATIONS IN PACKAGING

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**The ULMA Packaging Technology Centre has over one hundred innovation engineers and it serves as a technology incubator for researching and developing new solutions in three fields of activity:**

## **Reliability and efficiency**

Our innovation efforts have made us one of the world's top manufacturers of highly efficient packaging systems.

## **Preserving quality**

We maintain the highest commitment to quality when designing each of our systems to improve food safety. Our machines are able to use the most cutting-edge packaging techniques and they have advanced design concepts to prevent the accumulation of dust and dirt and make them easier to clean.

## **Industria 4.0**

We are continuously working to design new products that offer innovative packaging functionalities. The products we develop in the field of smart industry are in line with the major industry trends: efficient production, real-time transfer of information about production, improved connectivity and production data analysis.

The digitisation of Industry 4.0 production processes is increasing competitiveness throughout the industry.

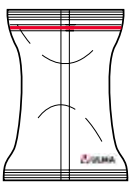
Equipment connectivity makes it possible to measure, control and optimise the output and return on investment of production lines.

ULMA's solutions are designed to be integrated into smart factory networks. They are equipped to collect real-time data and their monitoring and analysis tools allow the efficiency and return on investment of production lines to be optimised.


ULMA's solutions are equipped with proprietary tools for OEE measurement, energy consumption and preventive maintenance, among other things, to facilitate the analysis of the equipment's total cost of ownership (TCO).



# PACKAGING OPTIONS

	PILLOW PACK					POUCH		
	Gusset	Cross zip	Lengthwise adhesive strip	Laser cut and adhesive label		Lengthwise zip	Central seal	
								
VTI 200	✓	✓	✗	✓	✗	✗	✗	✓
VTI 440	✓	✓	✓	✓	✓	✗	✗	✓
VTI 460	✓	✓	✗	✗	✗	✗	✗	✓
VTI 528	✓	✓	✓	✓	✓	✗	✗	✓
VTI 540	✓	✓	✓	✓	✓	✗	✗	✓
VTI 628	✓	✓	✓	✓	✓	✗	✗	✓
VTI 640	✓	✓	✓	✓	✓	✗	✗	✓
VTC 828	✓	✓	✓	✓	✓	✗	✗	✓
VTC 840	✓	✓	✓	✓	✓	✗	✗	✓
VTC 828 R	✓	✓	✗	✓	✗	✓	✓	✓
VTC 840 R	✗	✗	✗	✗	✗	✓	✓	✗

ULMA reserves the right to change the specifications without prior notice.

FLAT BOTTOM				GUSSET BOTTOM			DOUBLE GUSSET
Side seal	4-corner seal	Easy Doy	Clip	Lengthwise zip			
							
✓	✗	✗	✓	✗	✗	✗	✗
✓	✓	✓	✓	✗	✓	✗	✓
✗	✗	✗	✗	✗	✗	✗	✗
✓	✓	✓	✓	✗	✓	✗	✓
✓	✓	✓	✓	✗	✓	✗	✓
✓	✓	✓	✓	✗	✓	✗	✓
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✓	✓	✓	✓	✗	✓	✗	✓
✓	✓	✓	✓	✗	✓	✗	✓
✗	✗	✗	✗	✓	✗	✓	✗
✗	✗	✗	✗	✓	✗	✓	✗

# TABLE OF CHARACTERISTICS



		VTI 200	VTI 440	VTI 460	VTI 528	VTI 540
<b>Production</b>		Up to 70 cycles/min.	Up to 100 packs/min.	Up to 60 packs/min.	Up to 120 packs/min.	Up to 110 packs/min.
<b>Pack dimensions</b>	Length	50-380 mm (up to 650 mm with double pull)	50-480 mm (up to 850 mm with double pull)		50-480 mm (up to 850 mm with double pull)	
	Width	80-280 mm	80-400 mm	150-600 mm	80-280 mm	80-400 mm
<b>Thermosealable film</b>	LDPE, MOPP, PP Cast, BOPP and Laminated					
<b>Film width</b>		600 mm	850 mm	1,250 mm	600 mm	850 mm
<b>Max. roll diameter</b>		450 mm				
<b>Core diameter</b>		76 mm				
<b>Max. pressure on horizontal seals</b>		5,000 Nw	From 1,000 Nw to 6,500 Nw	From 1,000 Nw to 8,000 Nw	From 1,000 Nw to 6,500 Nw	From 1,000 Nw to 6,500 Nw
<b>Operating temperature</b>		From 0°C to 40°C				
<b>Electrical data</b>	Voltage	230 V Three-phase + Earth/400 V Three-phase + Neutral + Earth -50/60 Hz +/- 10%				
	Max. consumption	4 kw to 400 V	6 kVA-230 V/400 V	8 kVA-230 V/400 V	6 kVA-230 V/400 V	7 kVA-230 V/400 V
<b>Pneumatic power consumption</b>		7 NI/cycle -6 bar	0.8 NI/cycle-6 bar	1.2 NI/cycle -6 bar	0.6 NI/cycle -6 bar	0.8 NI/cycle-6 bar
<b>Noise level</b>		Below 80 db				
<b>Approximate weight</b>		500 kg	1,000 kg	1,400 kg	850 kg	1,000 kg
<b>Dimensions AxBxC (mm)</b>			2,200x1,569x1,905	2,700x1,955x2,521	2,040x1,355x1,845	2,205x1,549x1,896

ULMA reserves the right to change the specifications without prior notice.



VTI 628	VTI 640	VTC 828	VTC 840	VTC 828 R	VTC 840 R
Up to 120 cycles/min.	Up to 110 cycles/min.	Up to 180 cycles/min.	Up to 140 cycles/min.	Up to 180 cycles/min.	Up to 110 cycles/min.
Up to 650 mm		Up to 650 mm			Up to 450 mm
100-280 mm	100-400 mm	100-280 mm	100-400 mm	100-280 mm	100-400 mm
LDPE, MOPP, PP Cast, BOPP and Laminated					
600 mm	840 mm	600 mm	840 mm	600 mm	840 mm
450 mm (please ask for larger diameters)					
76 mm					
From 1000 Nw to 6500 Nw					
From 0°C to 40°C					
230 V Three-phase + Earth/400 V Three-phase + Neutral + Earth -50/60 Hz +/- 10%					
16KW-30A (standard machine)					
BOPP or laminated film: 1 NI/cycle -6 bar PE film: 10 NI/cycle-6 bar		BOPP or laminated film: 1NI/cycle-6 bar PE film: 10 NI/cycle-6 bar			
Below 80 db					
1,500 kg (approx.)	1,750 kg (approx.)	1,500 kg (approx.)		1,750 kg (approx.)	
1,770x1,570x2,505	2,050x1,760x2,870	1,770x1,570x2,505		2,050x1,760x2,870	

## GLOBAL PACKAGING



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