



Zambelli

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Automatic Packaging Machines

1969-2019 #50YearsOfBusiness

Bologna, Italy

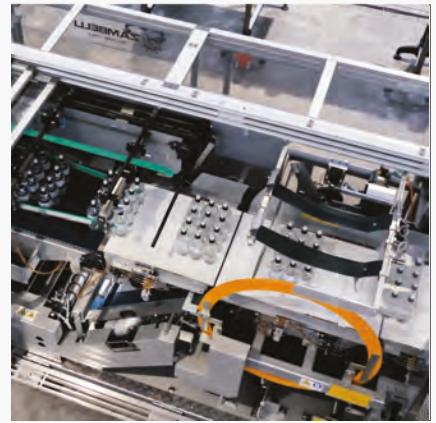
zambelli@zambelli.it

www.zambelli.it

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# ZAMBELLI: WE LOVE, WE DESIGN, WE CARE



Zambelli, since 1969 to today, designs and manufactures

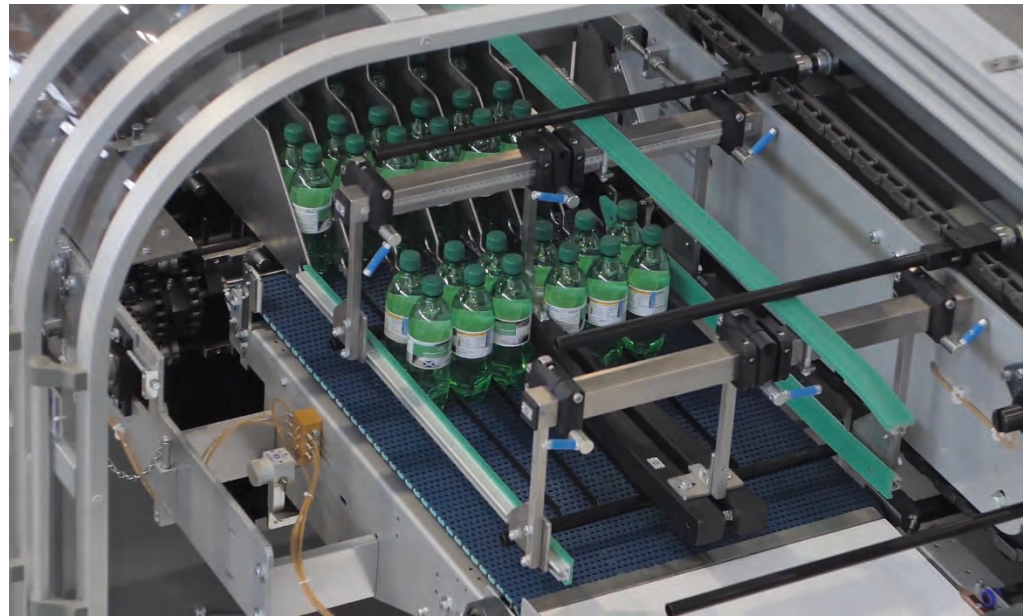
cutting-edge technological solutions for the packaging machinery sector.

**50 years of business, 2 generations at work, more than 1500 Customers Worldwide**

50 years have passed since Flavio Zambelli decided to listen to his heart opening his small business in Bologna downtown. Since then, thanks to his perseverance and the entry of the 1st and 2nd generations, Zambelli continues to grow and proudly serve customers all over the world.

**Products range**

Zambelli's machinery are versatile and reliable, long lasting and high performing best suited to customer's need for the secondary



packaging in a wide range of industries among which food & beverage, pet food, health & care and chemical. It ranges from shrink-wrappers, cartoners and case packers to the latest robotics applications for pick & place and palletizing.

Zambelli has also addressed the aspect of energy saving in the shrink-wrapper machines of its production, adopting innovative solutions specific for the retraction of the film. These allow to obtain aesthetically perfect parcels, devoid of deformation or



folds and, at the same time, to achieve a reduction of the electric consumptions.

The goal of reliability and efficiency currently achieved by the Zambelli packaging machines, is accompanied by their ease of use and is completed with the strict attention to international safety regulations.

### Services for the customer

Zambelli, in order to fully satisfy every need of the customer, is able to provide various types of services pre and after sales:

- Design
- Installation
- Technical Documentation

- Service and spare
- Upgrades
- Training Courses

Zambelli machines are designed and manufactured to ensure smooth operation over the course of decades with minimal scheduled maintenance activities, thanks to the use of modern and functional technological solutions based on advanced control systems and on the reduction of moving parts. For this reason the Zambelli machines have less wear and need less adjustments.

The spare parts for the packaging machines are available for all the series

made over the years but, in the case of very old plants, it's possible to update them thanks to the availability of kits aimed at improving the machine performance.

Zambelli offers all the advantages of the update also with regard to the technology, from the old PLC to the products on the market – such as Allen Bradley, Siemens, Omron – without the need to replace the brushless servomotors, the drives and inverters that remain the ones originally installed on the machine.

Lastly, the Zambelli technical Staff provides training courses with the function of supplying technicians and operators with the necessary information regarding the operation and maintenance of the Zambelli equipment.

### HMI – Human Machine Interface

Zambelli use an enhanced and user-friendly HMI. Thanks to which the operator can quickly learn to use the new machine.

From the HMI the operator can check the machine status, set the parameters,





access the machine configuration and save format data; the machine monitoring system includes photos and videos associated with the format.

### Machines & Systems

- Shrinkwrappers
- Case Packers
- Cartoners
- Robotic systems

### Shrinkwrappers

- Available for film only, flat pad + film, tray + film packaging style.
- Continuous motion packaging machine suitable to group and pack: cans, plastic & glass bottles,

jars & pots with heat shrink film with or without a cardboard support i.e. a flat pad or a tray.

- LFT have been conceived to allow fast and reliable format changeover; all movable parts are fitted with adjustable handles on metric rods or handwheels with digital readouts so that operator can carry out the format changeover simply following the procedure and adjusting each part to the set position.
- LFT are fitted with transparent access doors on all sides allowing fast cleaning and maintenance.

- Safety switches connected to the emergency circuit immediately stop the machine at access door opening.
- Film reel unwinding is motor driven at constant speed to pull film to the cutting section without any strain. The single cutting blade is serrated type and its turning movement operated by servomotor allows the cutting speed to be fine adjusted in the format program according to the bundle size.
- Advanced cutting technology allows to use very thin films with a huge saving.

- Electronic card for remote connection and troubleshooting available.
- Data exchange with corporate SCADA available.

**Case Packers for RSC**

- Suitable to package cartons and flow-packs in RSC.
- Case sealing by adhesive tape or hot melt glue.
- Case Packers are fitted with transparent access doors on all sides allowing fast cleaning and maintenance interventions.
- Changeover is very fast thanks to handles on metric rods or hand-wheels with digital read-outs installed on all movable parts. The operator can carry out the format changeover simply following the procedure and adjusting each part to the set position.
- Safety switches connected to the emergency circuit immediately stop the machine at access door opening.
- Electronic card for remote connection and troubleshooting available.
- Data exchange with corporate SCADA available.

**Wrap-Around Case Packers**

- Suitable to package bottles and cartons in wrap-around case.
- Case sealing by hot melt glue.
- WR Case Packers are fitted with transparent access doors on all sides allowing fast cleaning and maintenance interventions.
- Changeover is very fast thanks to handles on metric rods or hand-wheels with digital read-outs installed on all movable parts. The operator can carry out the format changeover simply following the procedure and adjusting each part to the set position.
- Safety switches connected to the emergency circuit immediately stop the machine at access door opening.
- Electronic card for remote connection and troubleshooting available.
- Data exchange with corporate SCADA available.

**Cartoners**

- Available for packaging products in Wrap-Around or pre-glued cartons.
- Cartoners are fitted with

transparent access doors on all sides allowing fast cleaning and maintenance interventions.

- Inclined type blank magazine.
- Change-over is very fast thanks to handles on metric rods or hand-wheels with digital read-outs installed on all parts to be moved.
- Electronic card for remote connection and troubleshooting available.
- Data exchange with corporate SCADA available.
- Centralized lubrication with automatic pump available.

**Robotic Systems**

- For applications that combine packaging with other tasks as applying top cover containing flavouring to ready-to-eat food pots.

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**Pack Expo, Las Vegas**  
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**[12-14/11/2019]**  
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