

ZAMBELLI: WE LOVE, WE DESIGN, WE CARE

It was 1969 when from the love for mechanics, the passion for automation and the courage of a young newlyweds – Flavio Zambelli and Jolanda Passerini – Zambelli’s Company was born, specialized in the design and manufacturing of packaging machines.

50 years of business, 3 generations at work, more than 1500 Customers Worldwide

Almost fifty years ago Flavio Zambelli had a dream. He wanted to do something that would not only provide for his family but would also better the community. Flavio launched his company out of a nondescript garage in Bologna downtown. In the ensuing decades, Flavio’s dream became true and thanks to the 2nd and 3rd generations at work, Zambelli would grow into the company it is today,



proud of serving customers worldwide.

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.

HMI – Human Machine Interface

Zambelli use an enhanced and user-friendly HMI. Thanks to which the operator can quickly learn to use the 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. Moreover, it allows to read the technical documenta-



Zambelli

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Automatic Packaging Machines

1969-2019 [#50YearsOfBusiness](#)

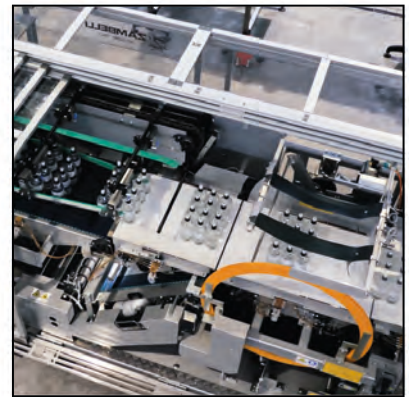
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tion.

Last but not least, the PC equipped with Supervision is designed for troubleshooting, because for Zambelli to help customers comes first.

Focus on: 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.

Shrinkwrappers series CL-CLV

- Speed up to 15 bundles/min.
- Suitable for packing containers with LDPE film using the sealing bar method.

LFT 20-30-40

- Speed up to 40 bundles/min.
- According to the model capacity, the product grouping can be carried out by a pneumatically operated collating gate or by continuous motion combs pulled by servo-driven chains. Both system guarantee optimal product backpressure control and very fast changeover.

LFT 50-60-70

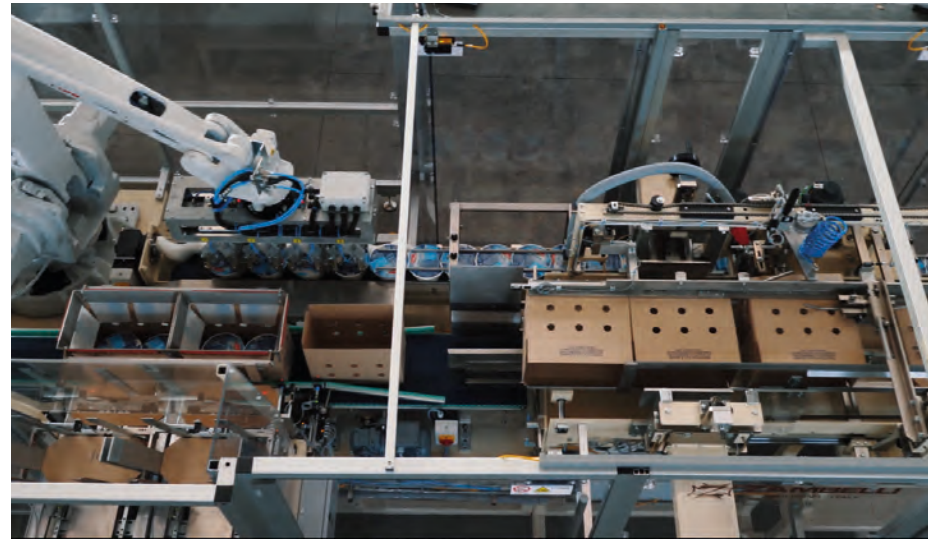
- Speed up to 70 bundles/min.
- The product grouping is carried out by continuous motion combs pulled by servo-driven chains, system that guarantees optimal product backpressure control and very fast changeover.

LFT 90-120

- Speed up to 120 bundles/min.
- Carton blank pick up carried out by rotating shaft with suction cups.
- The product grouping is carried out like the LFT 50-60-70.

Focus on: Case Packers for RSC

- Suitable to package cartons and flow-packs in RSC.
- Speed up to 15 cases/min.
- 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 handwheels with digital readouts 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.

RSC Case Packers series AP200

- The machine is characterised by an inclined magazine from which the blanks are picked up by suction cups mounted on a swing arm.

RCV

- Speed up to 25 cases/min.
- The top loading pick&place case packer is the system of choice for all products that cannot be turned on their side.
- Pick&place carried out by vertical articulated robot allows to adapt the machine footprint to the space available in the packaging line.
- Option to load more than one case every robot cycle

to cope with high capacity lines.

- Product spacing for precise picking carried out by worm-screws allows to package even difficult containers that cannot be accumulated (tapered cups, small unstable jars).

FRC

- The machine is characterised by a high capacity vertical magazine complete with pre-magazine with a support for an additional blank stack to make loading easier for the operator and increase overall blank storage capacity.

Focus on: 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 handwheels with digital readouts 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 series

AP200W

- Speed up to 25 cases/min.
- Special infeed with pocket chains operated by one or two servomotors depending on the line capacity allows to package stand up pouches and bags in display trays with or without hood.

WR 20-30-40

- Continuous motion case packer machine suitable to group and pack: cans, plastic & glass bottles, jars & pots in cardboard cases, corrugated or solid board, formed around the product from a flat blank.
- Speed up to 40 cases/min.
- This series is suitable to pack products both in full wrap-around case and in tray having walls up to the product height (high wall tray).
- According to the model capacity, the product grouping can be carried out by a pneumatically operated collating gate or by continuous motion combs pulled by servo-driven chains. Both systems guarantee optimal product backpressure control and very fast changeover.
- This series features high capacity vertical magazine complete with an additional blank infeed hopper that makes loading easier for the operator and increases overall storage capacity.

- Case forming, product loading and case sealing take place along a continuous motion transfer chain to reduce moving parts strain and wear, guaranteeing long lasting precision and reliability.

Robotic Applications

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

Fairs 2019-2020

Pack Expo, Las Vegas

[23-25/09/2019]

BrauBeviale, Nuremberg

[12-14/11/2019]

Interpack, Düsseldorf

[07-13/05/2020]

- Visit our website: www.zambelli.it
- Look the new videos about our automatic packaging machines: **Zambelli news**
- Stay update following our Facebook page: **@ZambelliPackaging**



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