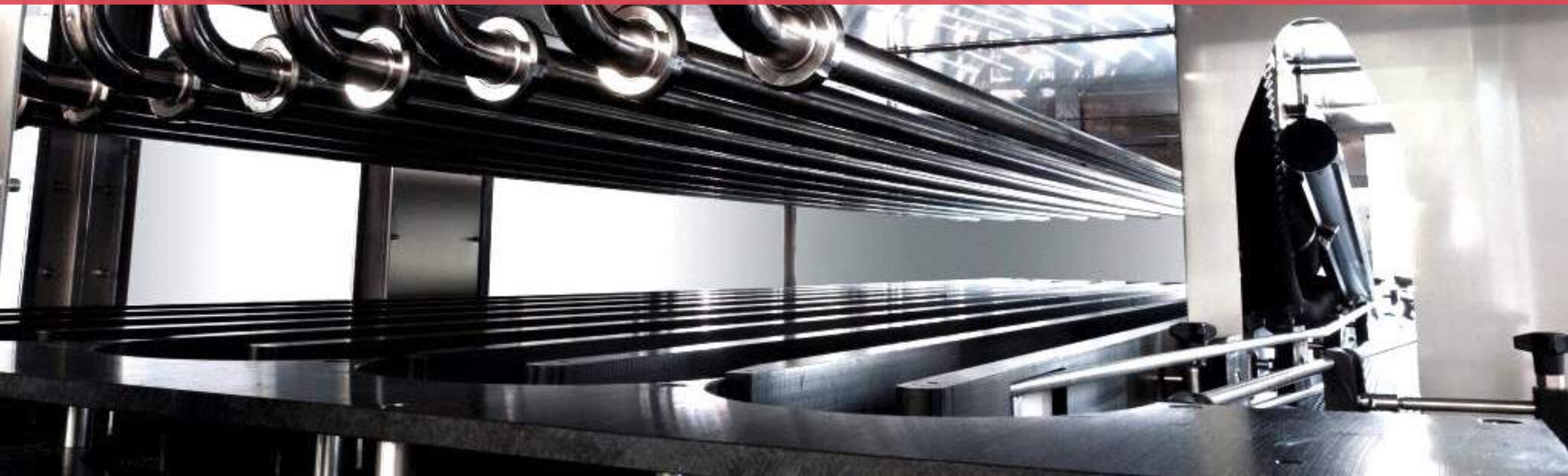






COMPANY HISTORY THE GROUP TECHNOLOGIES
PHILOSOPHY NUMBERS PRODUCTS CONTACTS





SPECIALISTS IN SECONDARY CLOSURES

Established in the town of Canelli, in 1964, one of the most important wine technology regions in the world and the traditional home of Italian Spumante, Robino & Galandrino is the global leader in the design and manufacture of secondary closure machines for bottles of every shape and size. Today, following the acquisition of TS PACKAGING in 2007 and OMAR R&G in 2012, the Robino & Galandrino Group is the global leader in the sector with a 70% share of the market.



HISTORY

OURS IS A HISTORY OF ACHIEVEMENT

1964

Robino & Galandrino is established in Canelli. In the same year, the company manufactures the first automatic wirehooder for Spumante wine bottles.

1970

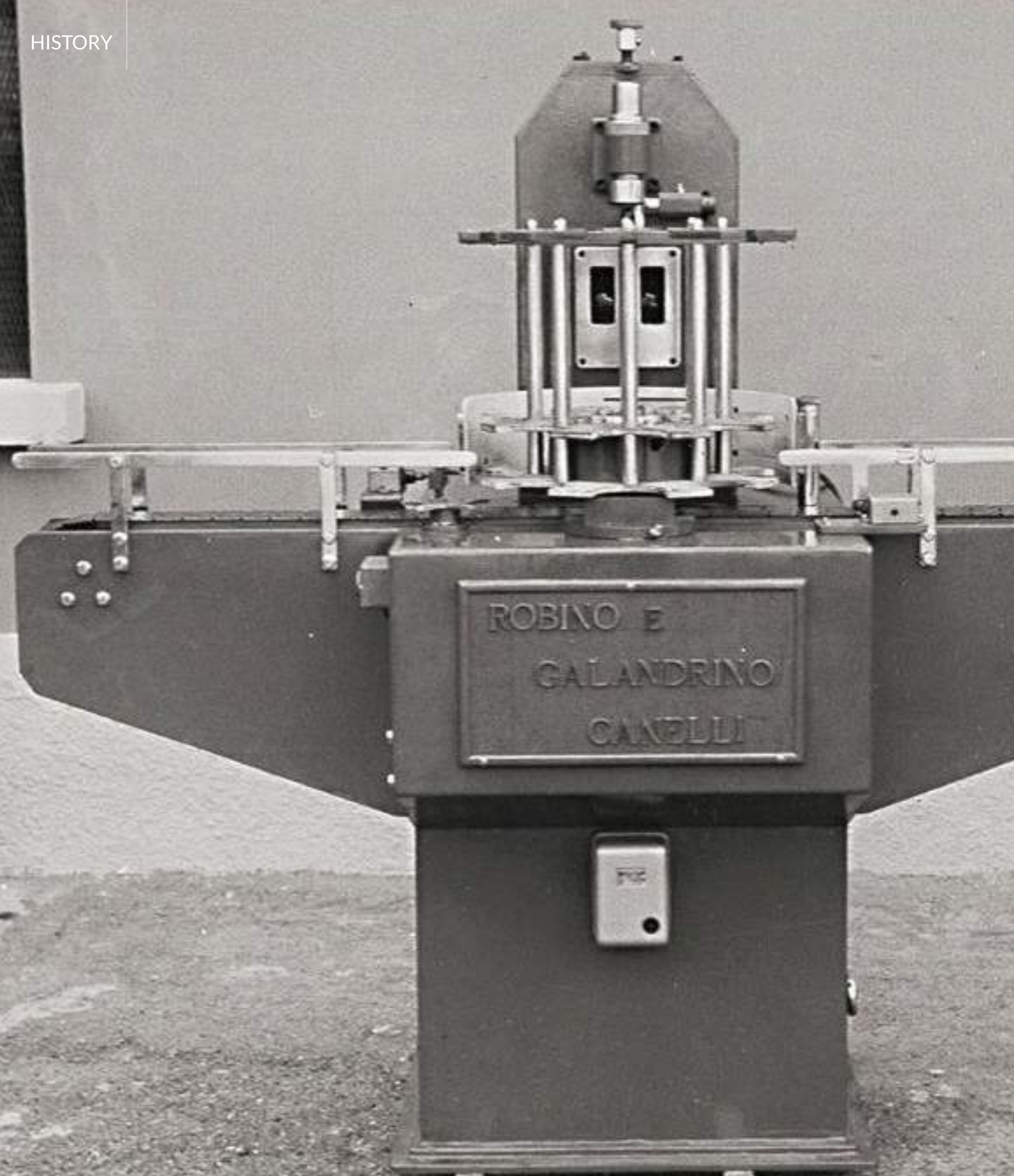
The first rubber boots were designed for the pleating and smoothing of capsules for bottles of Spumante.

1992

Robino & Galandrino creates the first “self-adjusting” optical detection system for Spumante capsules.

1994

Robino & Galandrino is the first company in the sector to design and manufacture “mechanical” new generation spinning heads.



HISTORY

1999

The first machine for Spumante with “double orientation” system for capsule to bottle alignment is produced.

2006

Robino & Galandrino manufactures the first “double orientation” system for capsule to bottle alignment for the Whisky market.

2007

The first “pneumatic” roller heads designed by Robino & Galandrino are produced.

TS PACKAGING, specialists in flexible packaging joins the Robino & Galandrino Group and moves its facilities to Canelli in 2010.

R&G
EST. 1964

HISTORY

2012

Acquisition of OMAR R&G, specialists in the design and manufacture of bottle washer-dryers, Capsulers, bottle heating and drying Tunnels, monoblocks for linear capsuling and labelling.

2017

As a result of continuous innovation and research, Robino & Galandrino is the leader in the secondary bottle closure sector with a 70% share of the global market.



**TRUE TO ITS ORIGINS,
INNOVATIVE CHOICES,
PRACTICAL SOLUTIONS**

THE GROUP



Founded in Bologna, in the 1970s, TS PACKAGING has become the point of reference for the packaging sector using flexible bags. In 2007, it became the packaging division of the Robino & Galandrino Group, moving its facilities to Canelli in 2010 where it began a new chapter of the redesign and innovation of all machinery. Today, the TS PACKAGING DIVISION of Robino & Galandrino supplies innovative systems and complete lines for product packaging, and small batch production of flat, stand-up or shaped bags. TS PACKAGING DIVISION specialises in the sectors of food&beverage; cosmetics, chemical-pharmaceutical and medical; horticulture and pet food.



Founded in Canelli (1979), OMAR R&G manufactures bottling machines and systems for the beverage and drinks sector. In 2012, the company becomes part of the Robino & Galandrino Group, working in close collaboration in the custom design and manufacture of machines for small and medium-sized companies and dedicated solutions for specific bottling requirements. Today, OMAR R&G specialised in the design and manufacture of monoblocks for capsule distribution and closure, bottle heating tunnels, washer-dryers for bottle exteriors, linear and semi-rotating labelling machines.

EVERY BOTTLE ITS OWN SECONDARY CLOSURE

Robino & Galandrino has the ability to work with any type of bottle and provide the best solutions for any type of secondary closure

- **FOUR-LEG WIREHOODS**
- **STRAP-TYPE WIREHOODS**
- **PVC-PET HEAT SHRINK CAPSULES**
- **SPINNABLE CAPSULES**
- **SPUMANTE CAPSULES**

Our solutions have captured the market with machines in operation in the top companies in the wine production industry, as well as in prominent breweries, distilleries, oil and vinegar producers in Italy and across the world.



FROM FIVE HUNDRED TO FORTY THOUSAND

Robino & Galandrino designs and manufactures all types of machinery according to customer specifications.

From low speed semi-automatic machines for artisanal producers to completely automatic, high speed solutions for large industrial groups.



**FROM 500 TO 42,000
BOTTLES/HOUR, OUR
MACHINES ADAPT TO
YOUR REQUIREMENTS**

SOLUTIONS FOR PVC HEAT SHRINK CAPSULES

Still wines, spirits, edible oils, vinegars

SPINNING SOLUTIONS FOR POLYLAMINATE, ALUMINIUM AND TIN CAPSULES

Still wines, spirit, distillates, bitters

ONE OR TWO PASS PNEUMATIC CAPSULE MACHINES

Spumante, sparkling wines, beers, ciders

WIREHOODERS

Spumante, sparkling wines, beers, ciders

HEAD MODELS

THERMAL HEADS

DUAL VENTILATION SYSTEM

Maintains a constant blow of air on the capsule pressure pad and a second jet of air when the capsule is placed on the bottle. The heat, which has a tendency to remain in the upper section of the head, is distributed downwards to create a vortex of hot air to maintain a constant temperature across the entire surface of the capsule.

The pressure of the air blow and temperature of the head pressure can be regulated according to the thickness, surface type and colour of the capsule.

PVC – PET CASPULES

SPINNING HEADS

NEW GENERATION OF R&G MECHANICAL SPINNING HEADS

- . Six independent rollers
- . Centralised mechanical system (ring nut) to adjust pressure of the springs on the rollers
- . Large spring diameter with a ring to adjust the pressure of the bottle mouth pad
- . Ability to choose the direction of roller head rotation (clockwise/anti-clockwise) via a selector located on the electrical panel.

TIN, ALUMINIUM AND POLYLAMINATE CAPSULES

HEAD MODELS

PNEUMATIC HEADS

The heads contain special rubber boots, designed for the application - through the use of compressed air distributed by a rotating collector - of uniform pressure around the neck of the bottle. The operation is completed in two stages: the first head forms four vertical pleats along the capsule; the second compresses the capsule, resulting in its perfect adherence over the neck of the bottle.

SPUMANTE, SPARKLING WINE, BEER AND CIDER CAPSULES

SINGLE STAGE HEADS

A combination of pneumo-mechanical systems. It processes large Spumante capsules in an alternate and sequential operation, creating the four pleats which are then smoothed over the neck of the bottle.

SPUMANTE, SPARKLING WINE, BEER, AND CIDER CAPSULES

WIREHOODERS

Automatic wirehooders for the distribution and closure of metal wirehoods for Spumante and sparkling wines, beers, ciders. Production speed from 1,000 to 25,000 bottles/hour.

FOUR-LEG AND STRAP-TYPE WIREHOODS



OUR PHILOSOPHY

PEOPLE, IDEAS, WORK

Over 50 years of experience working alongside wine & spirits producers has made it possible for Robino & Galandrino to understand the needs of the market and satisfy its demands through the continuous innovation of its products and the technologies it employs, which are the best on the market today. Our success is based on staying true to simple values and traditions:



THE PEOPLE

an irreplaceable wealth of experience and professionalism



THE IDEAS

the ability to conceive and realise new solutions well ahead of their time



THE WORK

sensible and organised: the commitment to maintaining our word and the quality of our products

“

**BEING THE BEST IN THE MARKET IS
A CONTINUOUS EVOLUTION:
CONFIDENT OF OUR EXPERIENCE,
PREPARED FOR CHANGE**

PEOPLE

KNOW HOW and TAILOR MADE

Robino & Galandrino provides its customers with over half a century of experience. Expertise developed and built over generations, it allows our team to meet every demand, resolve the most difficult problems and custom manufacture machines, tailor made in every detail.

MANUFACTURERS, NOT BUILDERS

Robino & Galandrino designs and manufactures the majority of machine components in-house. A vertically managed production chain which makes it possible for us to guarantee consistent quality, in every detail.



PEOPLE

CUSTOMER SERVICE

People before machines. Robino & Galandrino is committed to building a relationship with its clients built on trust, collaboration and satisfaction which embraces the entire lifecycle of the machinery and meets every need. Our machines are carefully tested in-house, and assembled and commissioned where they are to be used for production. We provide global customer service by means of remote monitoring systems and on-site service through our local partners across the world.



IDEAS

DURABILITY AND RELIABILITY

Robino & Galandrino manufactures technologically advanced, robust, durable and reliable solutions that can withstand heavy workloads. The materials used are of the highest quality standards, with thicknesses and construction features designed to last over time.



AN INVESTMENT
WHICH WILL LAST
OVER TIME



IDEAS

FLEXIBILITY

Robino & Galandrino guarantees flexible, custom solutions which are adaptable to every demand and requirement. Machines which employ dedicated or specially manufactured technologies to meet the production requirements of the customer.

PERFORMANCE

Each Robino & Galandrino machine is designed to carry out its work in accordance with the most stringent parameters: increased productivity and efficiency, reduced waste and defects, ease of use and minimal maintenance.

RESEARCH & DEVELOPMENT

Robino & Galandrino guarantees the best technologies available, the result of the constant commitment to research development, to which an important part of the workforce is dedicated. Our geographic proximity and close collaboration with the world of wine & spirits allow us to offer innovative solutions that anticipate and influence what the market offers.



**WE ONLY MAKE
PROMISES WE CAN KEEP
AND FULFIL THE
COMMITMENTS WE MAKE**

WORK

Robino & Galandrino has rationalised the operation and verticalised the design and manufacturing chain to guarantee the quality and delivery time of its machines, and a close relationship with the end customer and production cycle.



WORK

MEDIUM SPEED MACHINE ASSEMBLY HALL

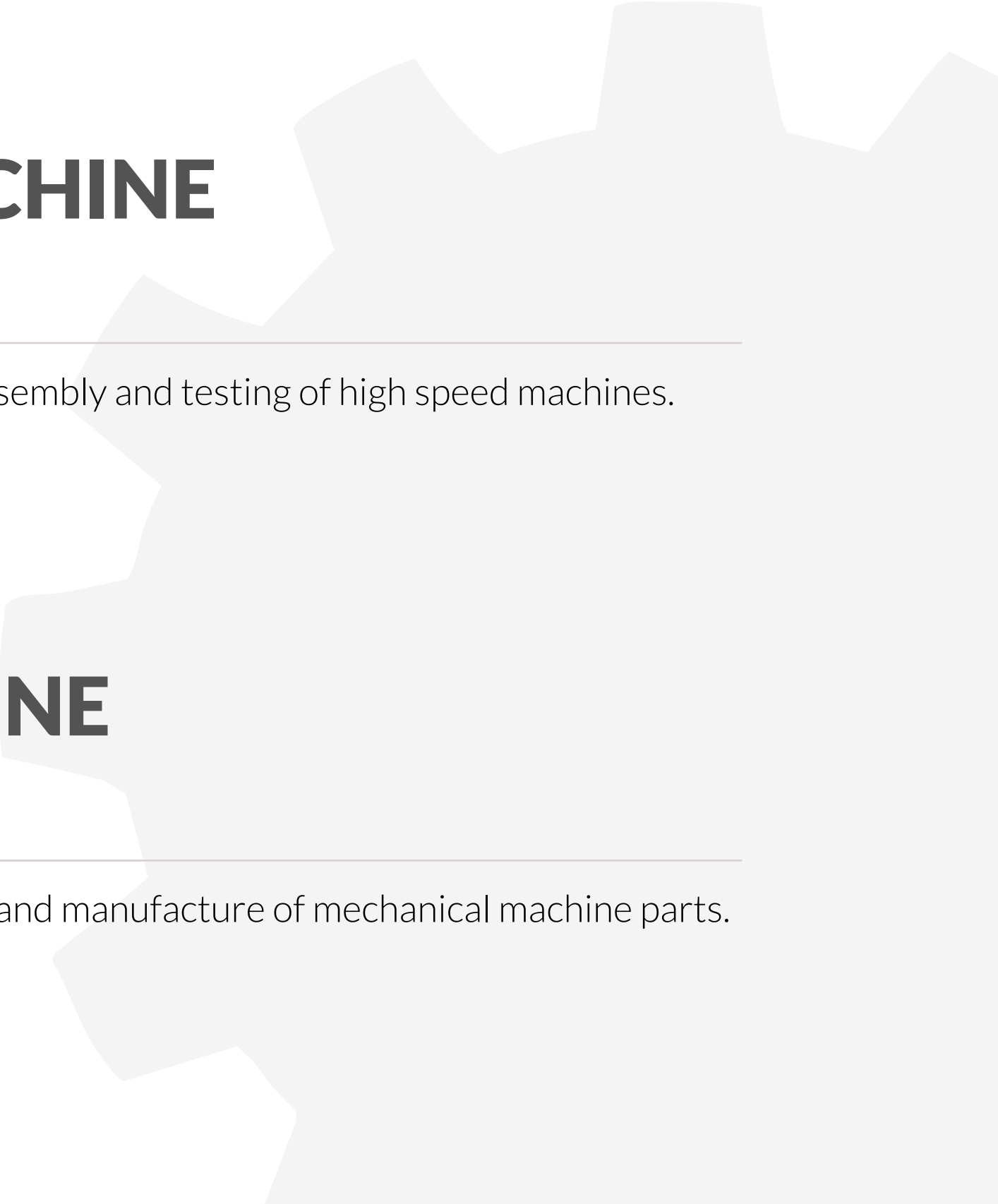
Division dedicated to the installation, assembly and testing of medium speed machines.

HIGH SPEED MACHINE ASSEMBLY HALL

Division specialised in the installation, assembly and testing of high speed machines.

TOOLING MACHINE DEPARTMENT

Internal division dedicated to the design and manufacture of mechanical machine parts.



WORK

DOUBLE AUTOMATIC WAREHOUSE

Automated vertical storage warehouse for the management of over 60 thousand part codes. The automated warehouse allows us to provide service and spare parts for all Robino & Galandrino machine installed around the world, with an inventory covering over 40 years.

TECHNICAL DEPARTMENT and R&D

The technical and Research & Development departments are the nerve centre of Robino & Galandrino, employing 20% of our workforce. A team comprised of electromechanical engineers and technicians, developers and programmers.



NUMBERS



13 BILLION

BOTTLES/YEAR CLOSED BY
A ROBINO & GALANDRINO
CAPSULER



1.8 BILLION

BOTTLES/YEAR
HOODED BY A ROBINO &
GALANDRINO SOLUTION



**20 MILLION
EUROS**

SALES REVENUE



42 THOUSAND

MAXIMUM BOTTLE
CLOSURES/HOUR



8 THOUSAND

MACHINES IN SERVICE
AROUND THE WORLD



120

EMPLOYEES



67

COUNTRIES IN THE WORLD
WITH AT LEAST ONE
ROBINO & GALANDRINO
MACHINE IN OPERATION



50

DEALERS ACROSS ITALY
AND THE WORLD



20 YEARS

AVERAGE LIFECYCLE OF A
ROBINO & GALANDRINO
MACHINE



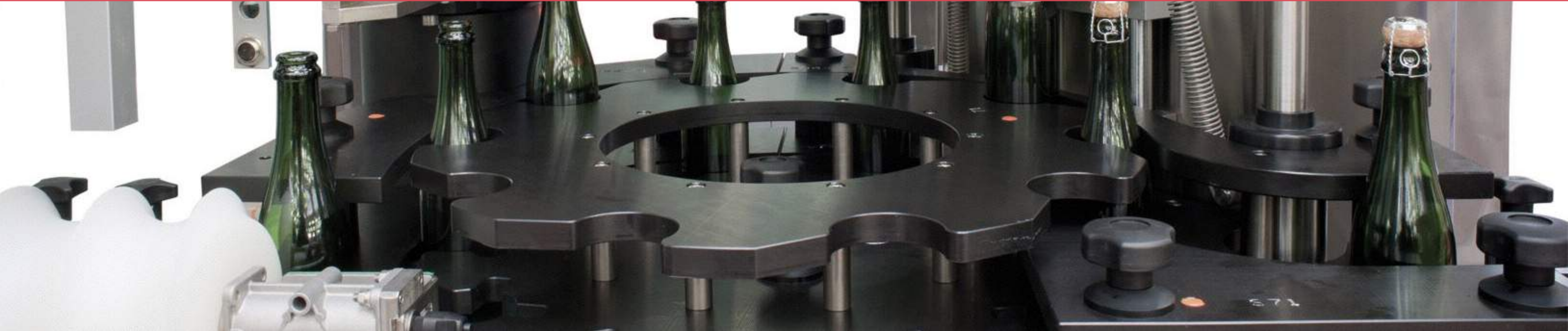
MARKET SHARE WORLDWIDE



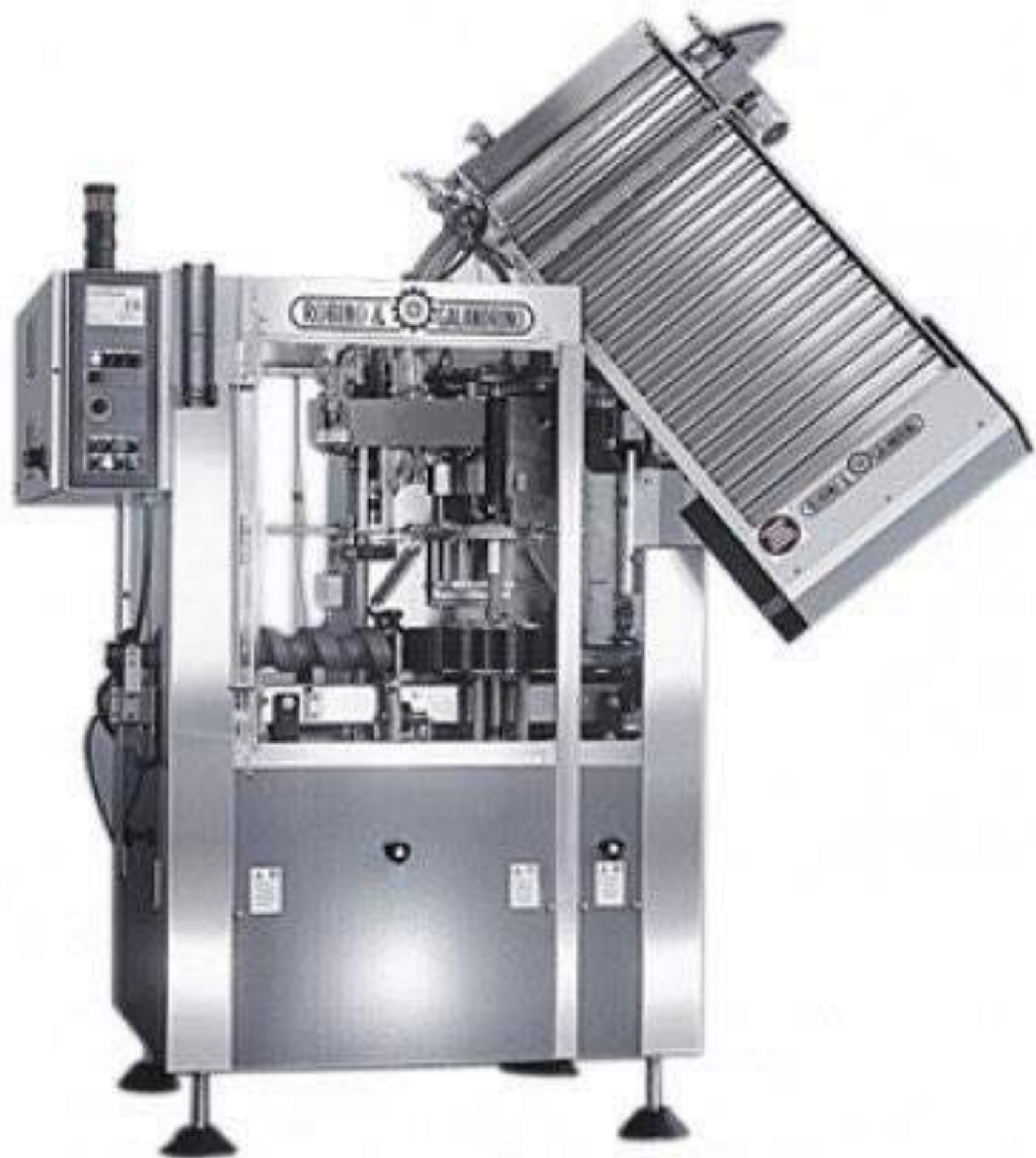
**GLOBAL MARKET SHARE
OF Robino & Galandrino MACHINES FOR
WINES & SPIRITS, BEER, OIL AND VINEGAR**

PRODUCTS

WIREHOODERS



VITTORIA



Automatic single head wirehooding machines type “Vittoria” for the automatic dispensing and closing of the metal wirehood onto champagne bottles, for production speeds from 1,500 b/h up to 3,000 b/h. Machines complete with automatic picking up system and wirehood dispenser, intermittent movement bottle caroussel, electronic controls for the machine starting and stoppage depending on the flow of bottles prior or after it. All the machine functions are controlled by PLC and Inverter located into the centralized electrical panel. Machine frame covered in stainless steel material provided with noise-proofing material doors and safety guards complying to the CE rules.



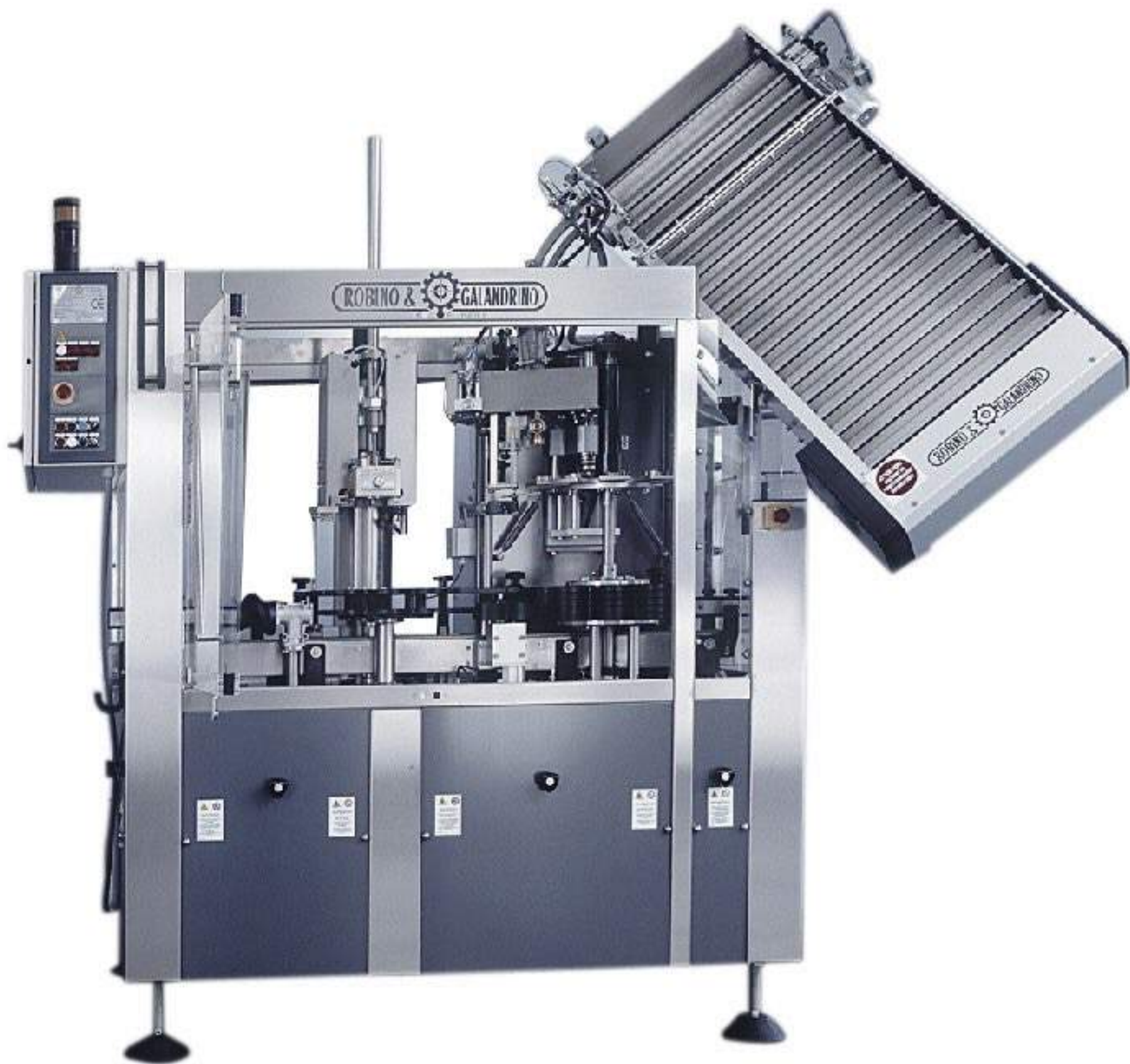
TECHNICAL DETAILS



VIDEO



VITTORIA T 1-1



Automatic single head monobloc machines for the corking and the wirehooding of the champagne bottles, for production speeds from 1,000 b/h up to 3,000 b/h. Very practical and compact machines, suitable to accomplish both the functions on a single base, decreasing space and acustic noise. Machines complete with single head corking turret, single head wirehooding turret provided with automatic picking up system and wirehood dispenser, intermittent movement bottle carroussel, electronic controls for the machine starting and stoppage depending on the flow of bottles prior or after it. All the machine functions are controlled by PLC and Inverter located into the centralized electrical panel. Machine frame covered in stainless steel material provided with noise-proofing material doors and safety guards complying to the CE rules.



TECHNICAL DETAILS



VIDEO



VITTORIA T 1-1 JUNIOR



Automatic single head monobloc machines for the corking and the wirehooding of the champagne bottles, for production speeds from 500 b/h up to 2,000 b/h. Very practical and compact machines, suitable to accomplish both the functions on a single base, decreasing space and acoustic noise. Machines complete with single head corking turret, single head wirehooding turret provided with automatic picking up system and wirehood dispenser, intermittent movement bottle carousel, electronic controls for the machine starting and stoppage depending on the flow of bottles prior or after it. All the machine functions are controlled by PLC and Inverter located into the centralized electrical panel. Machine frame covered in stainless steel material provided with noise-proofing material doors and safety guards complying to the CE rules.



VIDEO



REKORD



Automatic rotary wirehooding machines type “REKORD” for the automatic dispensing and closing of the metal wirehood onto champagne bottles, for production speeds from 4,000 b/h up to 25,000 b/h. Machines complete with automatic picking up system and wirehood dispenser , bottle infeed screw, multiple-head rotary carroussel for the closing of the wirehoods, electronic controls for the machine starting and stoppage depending on the flow of bottles prior or after it. All the machine functions are controlled by PLC and Inverter located into the centralized electrical panel. Machine frame covered in stainless steel material provided with noise-proofing material doors and safety guards complying to the CE rules.



TECHNICAL DETAILS



VIDEO



REKORD T

Automatic rotary monobloc machines for the corking and the wirehooding of the champagne bottles, for medium and high production speeds. Very practical and compact machines, suitable to accomplish both the functions on a single base. Machines complete with rotary corking turret, rotary wirehooding turret provided with automatic picking up system and wirehood dispenser, bottle infeed screw and electronic controls for the machine starting and stoppage depending on the flow of bottles prior or after it. All the machine functions are controlled by PLC and Inverter located into the centralized electrical panel. Machine frame covered in stainless steel material provided with noise-proofing material doors and safety guards complying to the CE rules.

 TECHNICAL DETAILS

 VIDEO



PRODUCTS

CAPSULING MACHINES

MINIBLOC

Automatic single-head monoblock with intermittent movement complete with:

- Horizontal capsule magazine.
- Automatic single-cup capsule distributor.
- Infeed screw for spacing the bottles.
- Central starwheel with intermittent movement.
- Shaft to accept interchangeable thermal, spinning or pneumatic heads dependent upon customer's requirements.
- Safety guards in compliance with CE-standards.
- Centralized control panel with variable speed inverter and PLC.
- Chassis covered in stainless steel.
- Throughput ranging from 1,300 to 3,000 bph depending on the type capsules to be applied.
- Air consumption (at 6 bar) 2,5 liters/sec.

 TECHNICAL DETAILS

 VIDEO



FENIX



Automatic double head rotary monoblock complete with:

- horizontal capsule magazine with capsule transport to the distributor by a motorized belt
- automatic capsule distributor with single-cup and elliptical oscillating movement to transport the capsules from the magazine on to the bottle guaranteeing precise and reliable positioning
- centering of the bottle neck to keep the bottle neck perfectly aligned and stable during positioning of the capsule
- capsule plunger
- double head system suitable to accept interchangeable thermal, spinning or pneumatic heads dependent on the customer's requirements
- safety guards in compliance with the CE standards
- centralized control panel with variable speed inverter and PLC
- chassis covered in stainless steel



TECHNICAL DETAILS



VIDEO



ZENITH



Distributor and capsuling monoblock comprised of a frame manufactured of electrowelded steel and covered by stainless steel.

The machine is complete with:

- automatic capsule distributor with single or multibell elliptical oscillating movement to transport + the capsule from the magazine to the bottle guaranteeing precise and reliable positioning.
- the sparkling wine capsules are mechanically extracted from the magazine before entering the bell.
- one (1) rotary carousel complete with pneumatic heads for forming the (4) pleats.
- one (1) transfer starwheel between the first and the second carousel, complete with locking pincers to stabilize the bottles guaranteeing the perfect crimping of the capsule in the final application.
- one (1) rotary carousel complete with pneumatic heads for the final crimping of the capsule.
- centralized control panel complete with variable speed inverter and PLC
- electronic system for the control of bottle flow at the infeed and exit of the machine with automatic start and stop in the event of a lack of bottles at the infeed or bottles jamming at the exit.
- safety guards in compliance with CE standards. Air consumption (6 bar): 6 litres/sec for all models.



TECHNICAL DETAILS

OPTIONS

UNIVERSAL
STAR-WHEELS

OPTIONS

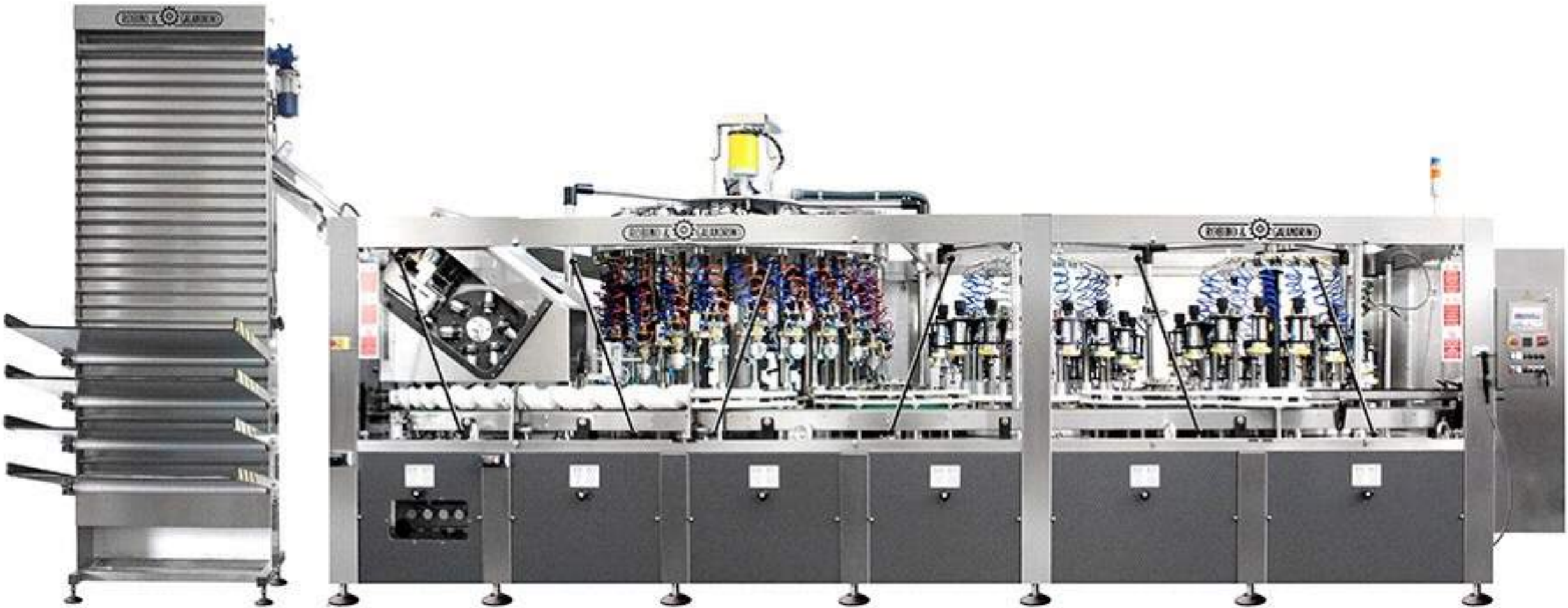
CAPSULE TO BOTTLE “DOUBLE
ORIENTATION-ALIGNMENT”.



VIDEO



ZENITH 3



Distributor and capsuling monoblock comprised of a frame manufactured of electrowelded steel and covered by stainless steel.

The machine is complete with:

- automatic capsule distributor with single or multibell elliptical oscillating movement to transport + the capsule from the magazine to the bottle guaranteeing precise and reliable positioning.
- the sparkling wine capsules are mechanically extracted from the magazine before entering the bell.
- one (1) rotary carousel complete with pneumatic heads for forming the (4) pleats.
- one (1) transfer starwheel between the first and the second carousel, complete with locking pincers to stabilize the bottles guaranteeing the perfect crimping of the capsule in the final application.
- one (1) rotary carousel complete with pneumatic heads for the final crimping of the capsule.
- centralized control panel complete with variable speed inverter and PLC
- electronic system for the control of bottle flow at the infeed and exit of the machine with automatic start and stop in the event of a lack of bottles at the infeed or bottles jamming at the exit.
- safety guards in compliance with CE standards. Air consumption (6 bar): 6 litres/sec for all models.



TECHNICAL DETAILS

OPTIONS

UNIVERSAL
STAR-WHEELS

OPTIONS

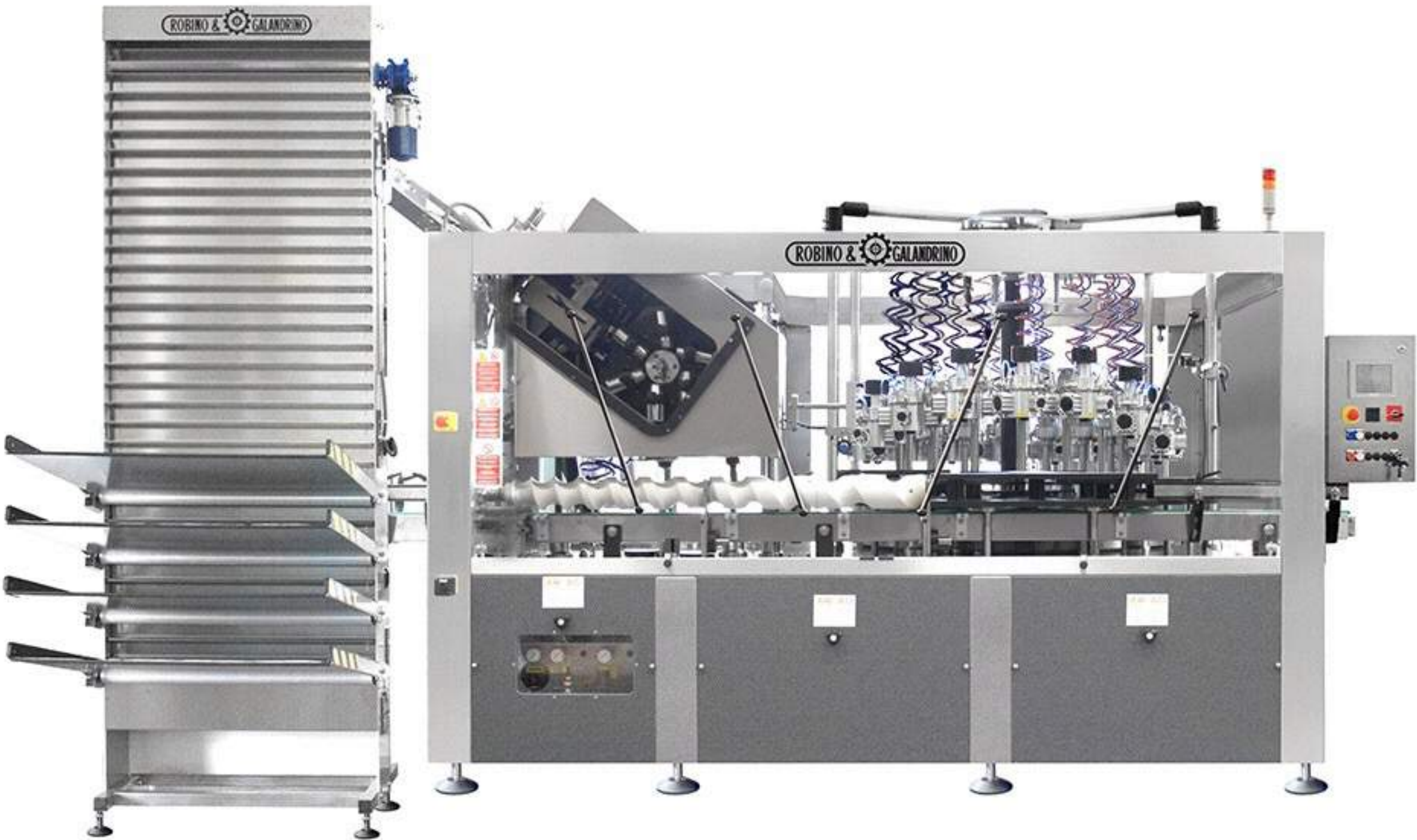
CAPSULE TO BOTTLE “DOUBLE
ORIENTATION-ALIGNMENT”.



VIDEO



MONOSTADIO



Automatic rotary monoblock complete with:

- horizontal capsule magazine
- automatic capsule distributor with single or multi-bell elliptical oscillating movement to transport the capsules from the magazine on to the bottle guaranteeing precise and reliable positioning
- optimum synchronization of the capsule distribution and machine functions through an encoder
- centering of the bottle neck to keep the bottle perfectly aligned and stable during positioning of the capsule
- double head system suitable to accept interchangeable thermal, spinning or pneumatic heads dependent upon customer’s requirements
- safety guards in compliance with the CE standards
- centralized control panel with variable speed inverter and PLC
- electronic system for the control of bottle flow at the infeed and exit of the machine with automatic stop and start in the event of a lack of bottles at the infeed or bottles jamming at the exit.
- chassis covered in stainless steel
- throughput ranging from 3,000 to 25,000 bph depending on the type of capsules to be applied Air consumption (at 6 bar) 6 liters/sec for all models



TECHNICAL
DETAILS

OPTIONS

UNIVERSAL
STAR-WHEELS

OPTIONS

UNIVERSAL
ADJUSTABLE
CUPS

OPTIONS

THERMAL HEADS
WITH HEAT SHIELD
PROTECTION

OPTIONS

CAPSULE TO BOTTLE
“DOUBLE ORIENTATION-
ALIGNMENT”.



VIDEO

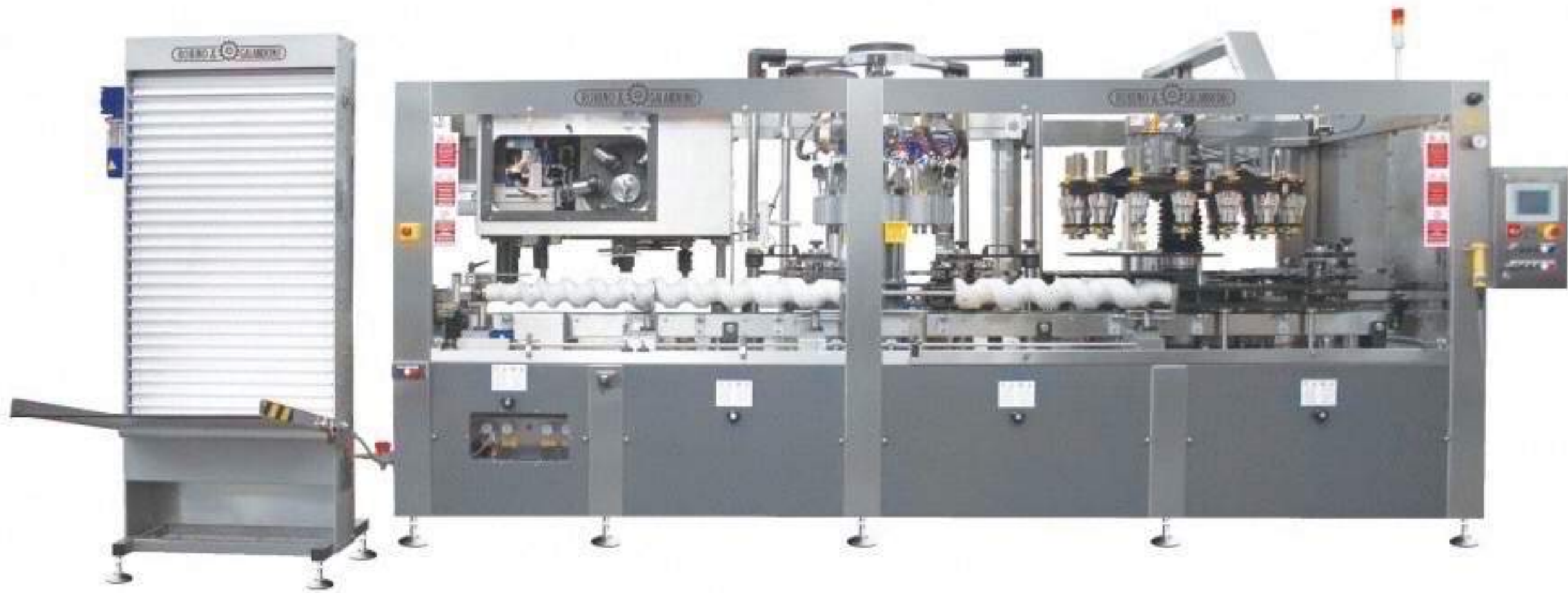


POKER

The “Poker” is a revolutionary idea in the application of all types of capsules.. Built to provide a solution to the multiple problems that capsule application has experienced in the last few years. It is a system for application of all types of capsules including heat shrink tin and polylaminate or sparkling wine in medium and high production facilities. The various types of capsules can be applied through a modular system that is engineered to provide superior results based on capsule material and type.

The machine can be comprised of:

- First capsuling turret. The first turret can be supplied with interchangeable thermic heads for heatshrinking, pneumo-mecahnical heads for application of sparkling wine capsules or pneumatic heads for either pre-pleating, pleating or crimping. The time required is only 10 seconds per head (time: 10” each change).
- Second capsuling turret. The second turret is supplied with multiple Robino & Galandrino new spinning heads (international patent). The base model of the machine, ready to installed in line, is complete with: Automatic dispenser, bottle neck centering device , capsule magazine with a capacity of about 2000 capsules, heatshrinking and /or pneumatic pre-pleating headturret , spinning turret, safety guards and equipment for a type of bottle and capsule.
- Air consumption (6 bars): 6 litres/sec. For all the models.



TECHNICAL
DETAILS

OPTIONS

UNIVERSAL
STAR-WHEELS

OPTIONS

UNIVERSAL
ADJUSTABLE
CUPS

OPTIONS

PNEUMATIC
SPINNING
HEADS

OPTIONS

THERMAL HEADS
WITH HEAT SHIELD
PROTECTION



VIDEO



ASTRA

The distribution and spinning monoblock is a compact capsule application machine complete with:

- horizontal or long autonomy capsule magazine that can be loaded from the bottom
- mechanical pre-extraction of the capsules before expulsion into the bell
- automatic capsule distribution with single or multi-bell elliptical oscillating movement to transport the capsules from the magazine to the bottle guaranteeing precise and reliable positioning
- single-head models for throughputs up to 9,000 bph or multi-head models for throughputs up to 21,000 bph
- centering of the bottle neck to keep the bottle perfectly aligned and stable during positioning of the capsule
- rotary spinning turret fitted with the new generation Robino & Galandrino heads (international patent)
- centralized control panel with variable speed inverter and PLC
- safety guards in compliance with the CE- standards
- air consumption (at 6 bar) 2.5 liters/sec.for all models.



TECHNICAL
DETAILS

OPTIONS

UNIVERSAL
STAR-WHEELS

OPTIONS

UNIVERSAL
ADJUSTABLE CUPS

OPTIONS

PNEUMATIC
SPINNING HEADS



VIDEO



SUPERBLOC



The dispensing and spinning monobloc type Superbloc is a compact capsule application machine complete with:

- horizontal try or long autonomy capsule magazine loadable from low level
- mechanical pre-extraction of the capsules before ejection into dispensing cup
- automatic capsule dispensing operation with angular movement for speeds up to 3000 b/h or with elliptical-rotary movement for speeds up to 8000 b/h
- bottle neck centering device to keep the bottles perfectly aligned and stable during the capsule dispensing
- rotary spinning turret interchangeable with thermoshrinking heads
- centralized control panel complete with inverter and PLC
- safety guards in compliance with CE regulations Air consumption (at 6 bar) 2.5 liters/sec. for all models.



TECHNICAL
DETAILS

OPTIONS

UNIVERSAL
STAR-WHEELS

OPTIONS

UNIVERSAL
ADJUSTABLE CUPS

OPTIONS

PNEUMATIC
SPINNING HEADS



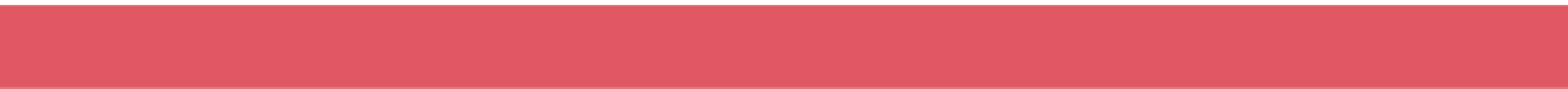
VIDEO



PRODUCTS

OMAR R&G

WASHING-DRYING MACHINES OPTIMA



Machines suitable for the washing and drying of cylindrical and shaped bottles with speed rates from 1,000 b/h to 20,000 b/h.

The machines are equipped with variable speed drive for the regulation of the speed rate, stainless steel conveyor with adjustable rails and bottle transport chain of acetal resin.

They are manufactured of stainless steel A304 and top quality and high-resistance technopolymers.

The washing of the bottles is obtained mechanically with the use of rotary brushes for the cork, the body and the bottom of the bottles and are wet with a jet of sprayed water. The brushes used do not need substitution in case of format change and are self-cleaning since through their rotation the washing water takes the dirt away and conveys it to the discharge of the machine. Moreover, they are equipped with independent electronic variable speed drive for the adjustment of their rotation speed.

The drying of the bottles is made inside a tunnel equipped with air distributors adjustable in height, width and inclination, fed through compression turbines producing heated air with a temperature reaching 45°C/50°C. A mechanical system rotates the cylindrical bottles inside the drying tunnel. Our machines do not use any electrical resistances and this guarantees low energy consumption.

INTENSIVE ROTARY WASHING WITH INTEGRATED WASHING OF THE BOTTOM (LOW/AVERAGE PRODUCTION WITH CYLINDRICAL BOTTLES)

VIDEO



WASHING-DRYING MACHINES MAXIMA



Machines suitable for the washing and drying of cylindrical and shaped bottles with speed rates from 1,000 b/h to 20,000 b/h.

The machines are equipped with variable speed drive for the regulation of the speed rate, stainless steel conveyor with adjustable rails and bottle transport chain of acetal resin.

They are manufactured of stainless steel A304 and top quality and high-resistance technopolymers.

The washing of the bottles is obtained mechanically with the use of rotary brushes for the cork, the body and the bottom of the bottles and are wet with a jet of sprayed water. The brushes used do not need substitution in case of format change and are self-cleaning since through their rotation the washing water takes the dirt away and conveys it to the discharge of the machine. Moreover, they are equipped with independent electronic variable speed drive for the adjustment of their rotation speed.

The drying of the bottles is made inside a tunnel equipped with air distributors adjustable in height, width and inclination, fed through compression turbines producing heated air with a temperature reaching 45°C/50°C. A mechanical system rotates the cylindrical bottles inside the drying tunnel. Our machines do not use any electrical resistances and this guarantees low energy consumption.

ROTARY WASHING WITH CENTRAL BRUSH AND CARROUSEL WITH BOTTLE BLOCKED ON ROTATING HOLDING CUPS (HIGH SPEED RATES WITH CYLINDRICAL BOTTLES)

WASHING-DRYING MACHINES ECLETTA



Machines suitable for the washing and drying of cylindrical and shaped bottles with speed rates from 1,000 b/h to 20,000 b/h.

The machines are equipped with variable speed drive for the regulation of the speed rate, stainless steel conveyor with adjustable rails and bottle transport chain of acetal resin.

They are manufactured of stainless steel A304 and top quality and high-resistance technopolymers.

The washing of the bottles is obtained mechanically with the use of rotary brushes for the cork, the body and the bottom of the bottles and are wet with a jet of sprayed water. The brushes used do not need substitution in case of format change and are self-cleaning since through their rotation the washing water takes the dirt away and conveys it to the discharge of the machine. Moreover, they are equipped with independent electronic variable speed drive for the adjustment of their rotation speed.

The drying of the bottles is made inside a tunnel equipped with air distributors adjustable in height, width and inclination, fed through compression turbines producing heated air with a temperature reaching 45°C/50°C. A mechanical system rotates the cylindrical bottles inside the drying tunnel. Our machines do not use any electrical resistances and this guarantees low energy consumption.

ROTARY WASHING WITH EXTERNAL BRUSHES AND CARROUSEL WITH A SYSTEM BLOCKING THE BOTTLE ON ROTATING CUPS (CYLINDRICAL/SHAPED BOTTLES)

CAPSULING MACHINES

GEMINI



Machines for the distribution and closure of PVC, aluminium, poly laminate and tinfoil capsules with single or multi-cup dispensers, shrink heads and spinning heads with speed rates from 1,000 to 8,000 b/h.

The machines in standard versions are to be inserted in a production line, therefore without chain, drive and return idler that can be supplied on demand. The chassis and the switch-board are clad in A304 stainless steel.

All monoblocks are equipped with conveyor belt with adjustable rails for the insertion in the production line and safety systems lifting the shrink head in case of line stop.

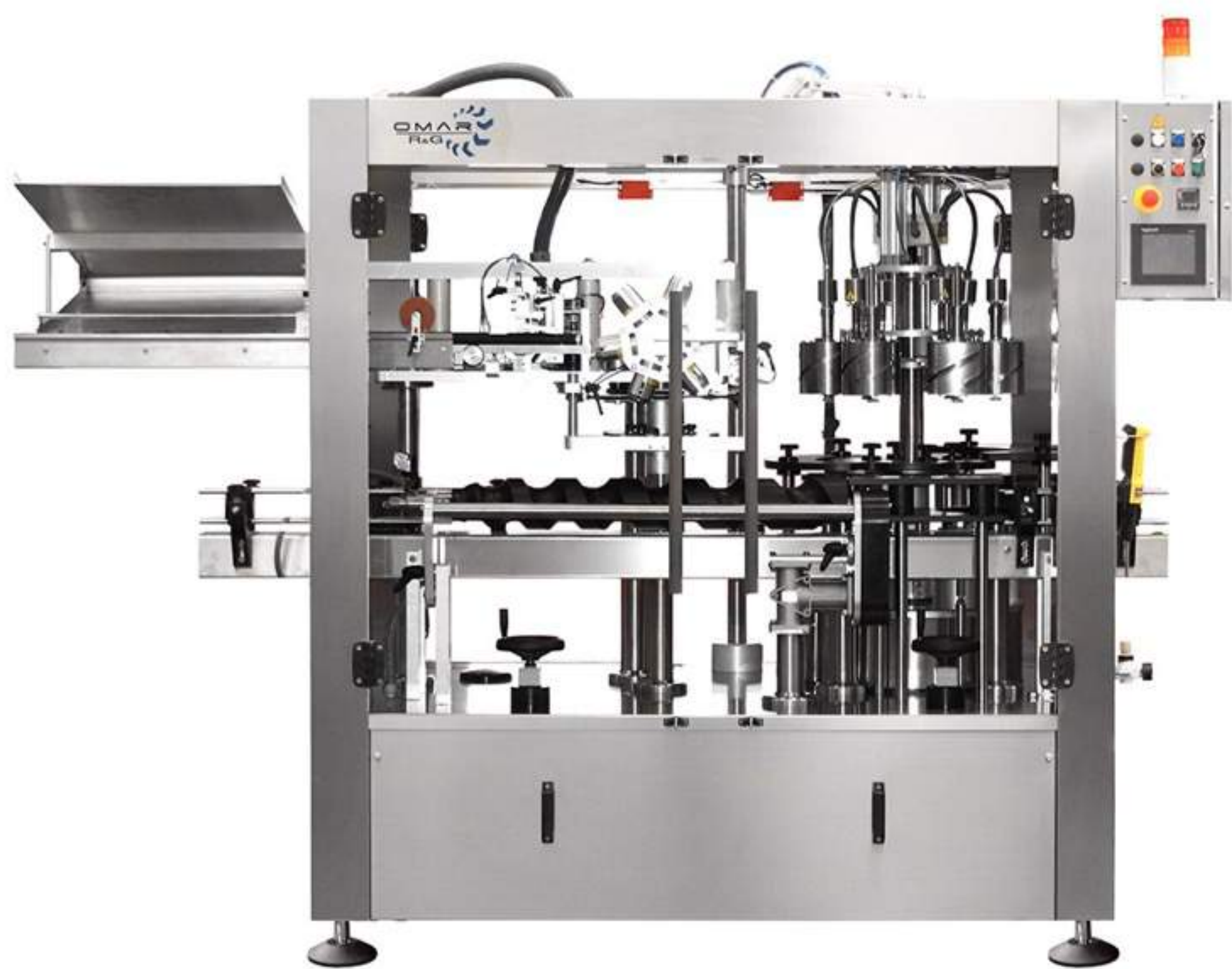
Single-cup capsule dispenser and applicator that can be combined with a shrink tunnel, a single-head closing turret (with shrink-heads for PVC caps, spinning heads for aluminium poly laminate and tinfoil), turrets with combined heads or 2 turrets for speed rates ranging from 1,000 to 4,000 b/h

OPTIONS
> UNIVERSAL
STAR-WHEELS

OPTIONS
> UNIVERSAL
ADJUSTABLE CUPS

OPTIONS
> PNEUMATIC
SPINNING HEADS

CAPSULING MACHINES LOTO



Machines for the distribution and closure of PVC, aluminium, poly laminate and tinfoil capsules with single or multi-cup dispensers, shrink heads and spinning heads with speed rates from 1,000 to 8,000 b/h.

The machines in standard versions are to be inserted in a production line, therefore without chain, drive and return idler that can be supplied on demand. The chassis and the switch-board are clad in A304 stainless steel.

All monoblocks are equipped with conveyor belt with adjustable rails for the insertion in the production line and safety systems lifting the shrink head in case of line stop.

Multi-cup capsule dispenser and applicator that can be combined with shrink tunnel, single-head closing turret (shrink-head for PVC caps, spinning heads for aluminium, poly laminate and tinfoil caps), turrets with combined heads or 2 or more turrets for speed rates ranging from 4,000 to 8,000 b/h

OPTIONS
> UNIVERSAL
STAR-WHEELS

OPTIONS
> UNIVERSAL
ADJUSTABLE CUPS

OPTIONS
> PNEUMATIC
SPINNING HEADS

CAPSULING MACHINES GALAXY



Machines for the distribution and closure of PVC, aluminium, polylaminate and tinfoil capsules with single or multi-cup dispensers, shrink heads and spinning heads with speed rates from 1,000 to 8,000 b/h.

The machines in standard versions are to be inserted in a production line, therefore without chain, drive and return idler that can be supplied on demand. The chassis and the switch-board are clad in A304 stainless steel.

All monoblocks are equipped with conveyor belt with adjustable rails for the insertion in the production line and safety systems lifting the shrink head in case of line stop.

Multi-cup capsule dispenser and applicator for high speed rates that can be combined with a single-head closing turret (shrink heads for PVC caps, spinning heads for aluminium, polylaminate and tinfoil caps), turrets with combined heads or 2 or more turrets for production speed rates up to 8,000 b/h

OPTIONS
> UNIVERSAL
STAR-WHEELS

OPTIONS
> UNIVERSAL
ADJUSTABLE CUPS

OPTIONS
> PNEUMATIC
SPINNING HEADS

LABELLING MACHINE SYNCR



Semi-rotary and linear labellers for production speeds up to 2,500 b/h with single bell distributor and capsule closure

All machines have a conveyor belt equipped with adjustable side rails, return traction motor and an output storage table. The casing of the base, guards and electrical panel are made of A304 stainless steel.

All machines are equipped with a detection device identifying stopper present in the bottle, micro emergency switches on the doors, safety systems on the star and auger and system to raise the thermal heads in the event of a line stoppage.

The labelling stations are adjustable on 4 axes, equipped with stepper motors and machine management is performed via the PLC and touchscreen display panel capable of storing up to 30 different formats.

Upon request, all models can be fitted with a station for the application of DOCG adhesive labels and stamp labels, production lot number heat transfer onto labels and transparent label and bottle notch detection photocell.

VIDEO



MONOBLOCK SYMPHONY



The monoblocks of the SYMPHONY series bring together, in a single solution, all the stages of wine packaging for the most demanding of producers: washing, drying, capsuling and labelling.

The machine comes equipped with: an A304 stainless steel conveyor belt, idler-wheel return traction motor, output storage table, integrated controls in the centre band to ensure ease of operation by a single operator, PLC and touchscreen display with statistical production report.

Bottle are washed through an exclusive intensive rotary system with an integrated bottle base and stopper flush.

Drying occurs inside a tunnel with adjustable air distributors, powered by turbine compressors to produce heated air at a temperature of 45°C/50°C.

The bottles are mechanically rotated inside the drying tunnel.

The mono-sleeve capsule distributor is capable of distributing PVC, poly laminate, aluminium and tinfoil capsules. Capsule closure is linear or rotary depending on production requirements.

The labelling stations are adjustable on 3 axes and equipped with stepper motors for the application of labels and back labels. Upon request, stations can be fitted for the application of DOCG adhesive labels and stamp labels, production lot number heat transfer onto labels and transparent label and bottle notch detection photocell.

VIDEO



BOTTLE HEATING TUNNEL HTD

This machine heats the bottles by spraying their exterior with warm to reduce the difference in temperature between their interior and external environment, therefore preventing condensation that may hinder the perfect application of the self-adhesive labels.



VIDEO



BOTTLE HEATING TUNNEL HM

This machine heats the bottles by spraying their exterior with warm to reduce the difference in temperature between their interior and external environment, therefore preventing condensation that may hinder the perfect application of the self-adhesive labels.



VIDEO



ROBINO & GALANDRINO S.P.A

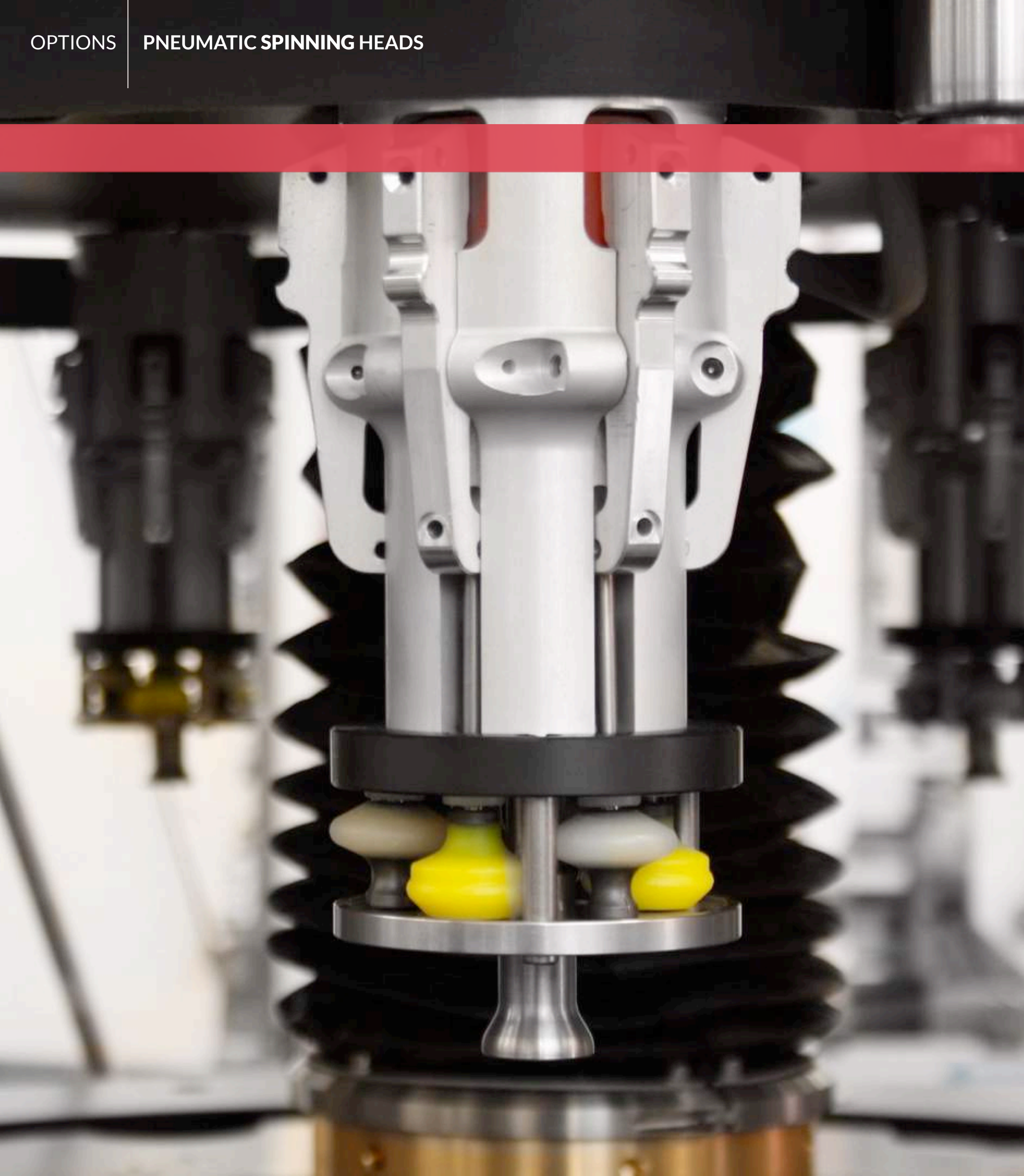
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OPTIONS

PNEUMATIC SPINNING HEADS

“Robino & Galandrino” pneumatic spinning heads (European Patent no. 2058271) are a new concept for spinning aluminium, polylaminate and tin capsules have the following characteristics:

- Unlike previous Robino & Galandrino mechanical spinning heads and traditional rubber band heads, the pressure exerted by the new “pneumatic” roller heads is generated by dedicated inner pneumatic membranes which only expand when the bottles are lifted into the heads..
- The air inside the membrane is discharged during the bottle descent, which releases the rollers, subjected to the centrifugal force and they are no longer in contact with the capsule.
- The adjustment of pressure on the rollers also actuates centrally during production, ensuring uniformity of the work and facilitates a procedure which was previously unknown.

ADVANTAGES:

- *Centralized roller pressure regulation even during the production phase from the outside of the machine: which means quick and easy to operate function.*
- *Less roller wear and stress on the capsule (improved brightness) from the fact the roller only operates when the bottle rises upwards in the roller head.*

OPTIONS

THERMAL HEADS WITH HEAT SHIELD PROTECTION

New ventilated thermal heads with a system of protection for heat shrink capsules (European Patent no. 080070816).

In addition to the already tested temperature adjustment system and dual ventilation, an internal “shield” has been added to the head which protects the capsule from prolonged exposure to heat. This important device makes it possible to set the time required for the shrinkage operation (according to the colour or the material thickness which is to be processed), after which any over-exposure to heat is prevented by this system.

The position of the internal shield is controlled by an external pneumatic cylinder managed by the PLC. At the moment when the neck of the bottle is fully inserted in the thermal head, the shield is raised into position. Once the set time has passed, the shield returns to the start position which covers the heating element and protects the capsule from the heat.

ADVANTAGES:

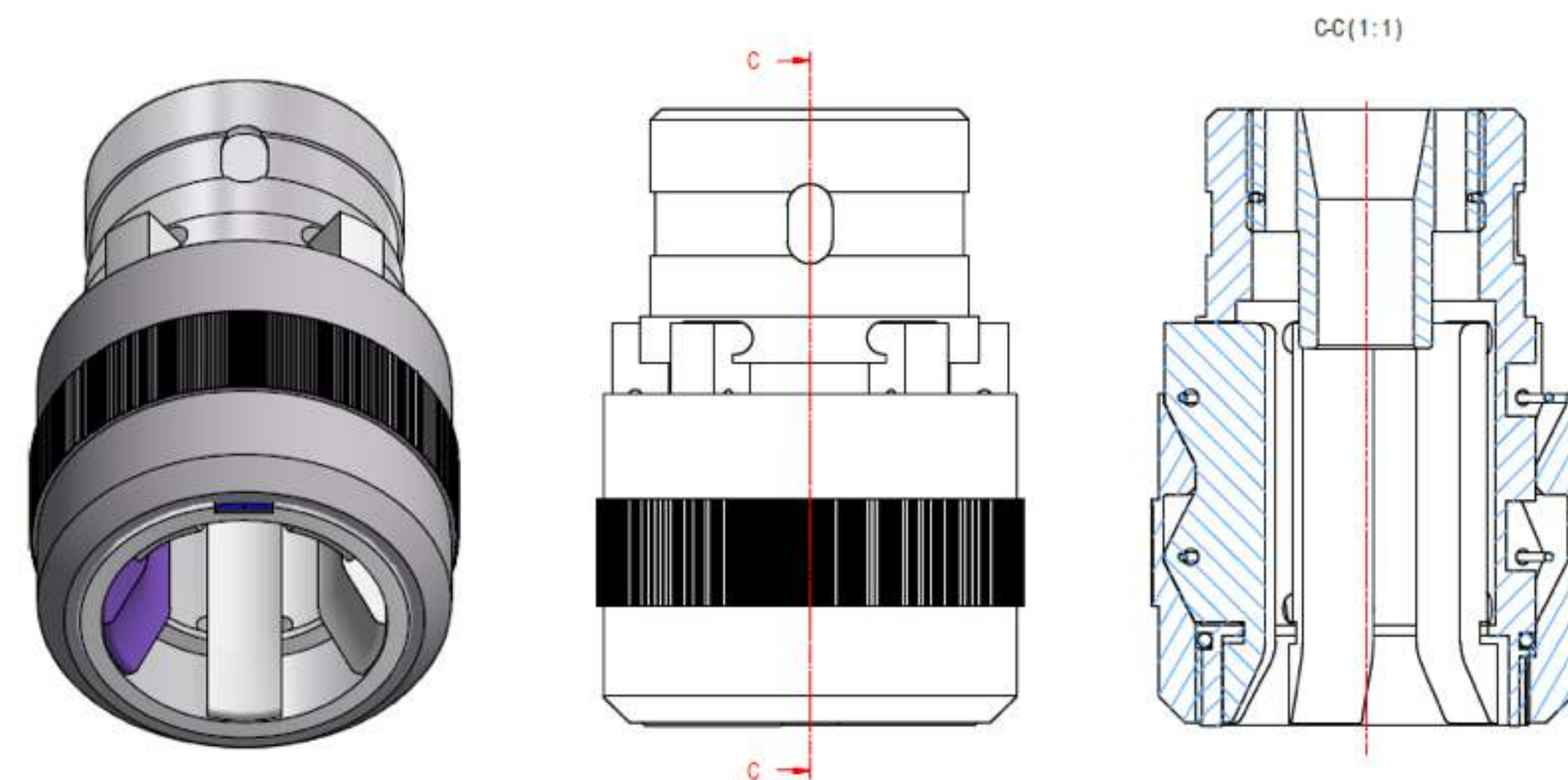
- *This device means the shrinking phase is completely independent of the production speed of the machine / line and, therefore, the time spent by the bottle inside the thermal head, in any situation, ensures capsule shrinkage has the same result every time.*



OPTIONS

UNIVERSAL ADJUSTABLE CUPS

Adjustable, universal capsule distribution cups for PVC, aluminium, tin and polylaminate still wine capsules.

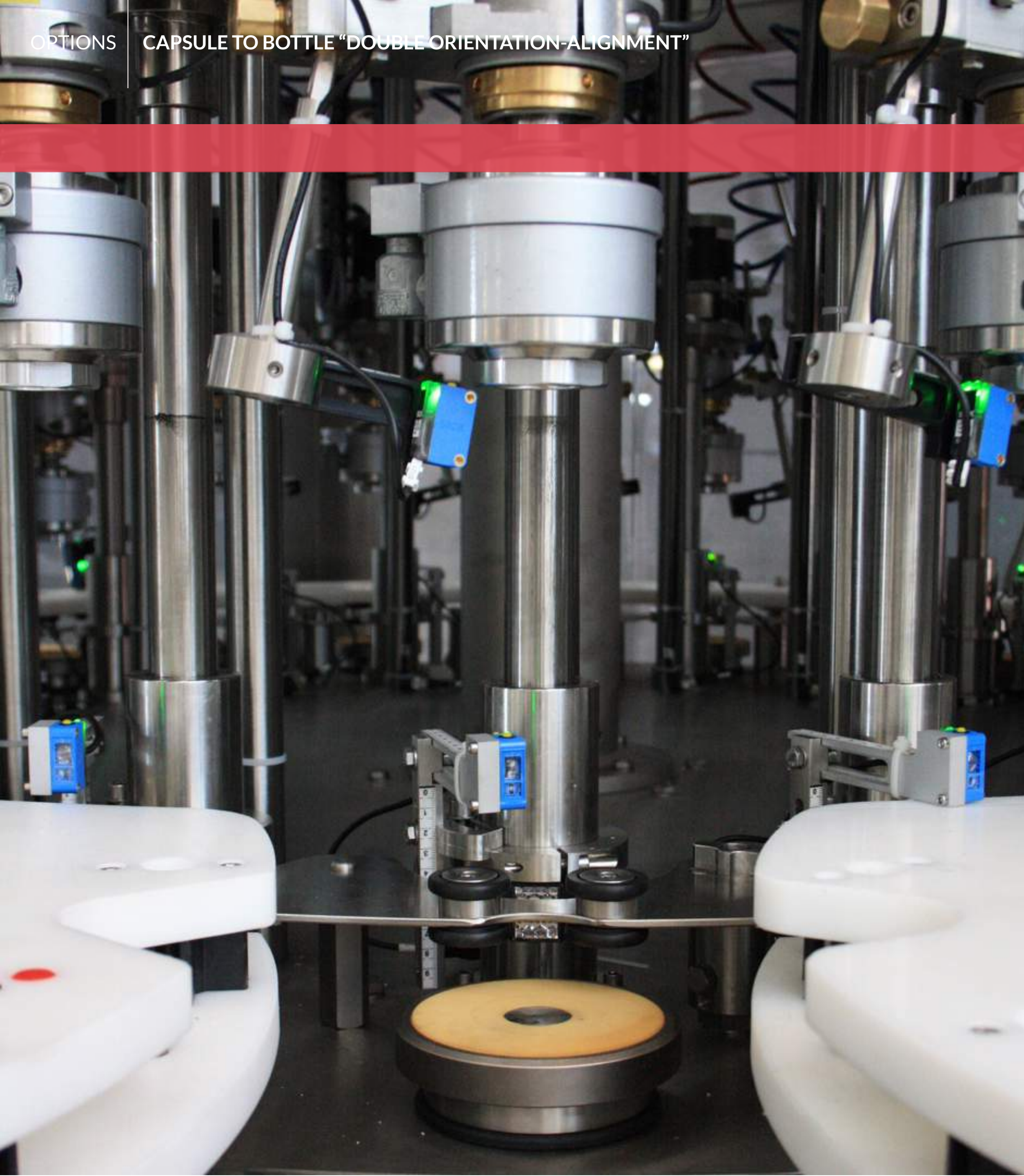




OPTIONS

UNIVERSAL STAR-WHEELS

Universal star wheel with independent upper and lower mechanical grips for handling cylindrical bottles.



OPTIONS

CAPSULE TO BOTTLE “DOUBLE ORIENTATION-ALIGNMENT”

Dedicated rotating Turret complete with stations for capsule picking, rotation and optical detection and the electronic bottle indexing.

Each station is equipped with dedicated pneumatic heads complete with stepper motor, suction cup, and electronic bottle indexing system.



VIDEO





OPTIONS

BOTTLE WASH WATER RECIRCULATION SYSTEM

Wash water filtration and recirculation system complete with filter, recirculation pump, liquid detergent dosing pump. Water change programmable from the PLC.



OPTIONS

DEDICATED BRUSH FOR CLEANING THE BOTTLE PUNT

Brush dedicated for cleaning the bottom of the bottle (punt) moved by a mechanical cam.