

# Production

Complete Lines

**SIPA**   
**BERCHI**

# Container Production

In more than 20 years of activity we built up a wide range of experience in developing preforms and bottles, designing and developing thousands of containers for various applications in the beverage industry.

Our main aim is to bring to the beverage industry innovative solutions to be translated into customer competitive advantages.

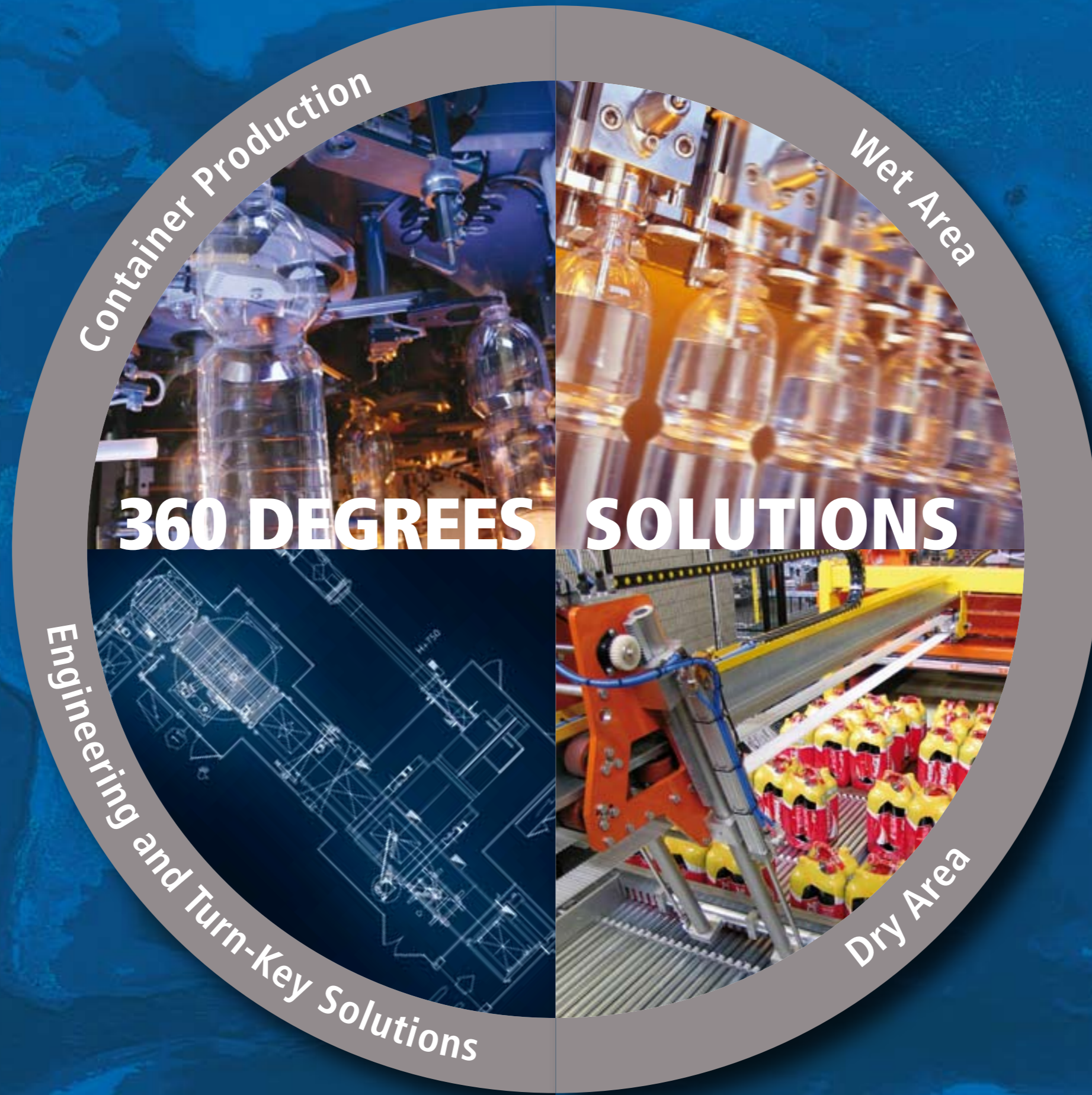
Whether that results in new attractive bottle design, in light-weighting to reduce materials, faster cycles, less investment costs or greater flexibility to re-tool, SIPA has a wide range of experience and market leading technologies. Today we are the only provider in the market owning the complete range of container production technologies: integrated systems, preform injection systems, linear and rotary blowmolders and an innovative integrated blowing, filling and capping solution.

# Engineering and Turn-Key Solutions

We supply complete plants offering great reliability with the latest technological levels of expertise that is much appreciated by mineral water, juices, wine, beer and soft drinks bottles.

The excellent quality, experience, flexibility and the attitude to support our customers represent the mainstay, allowing us to supply different solutions for various needs.

We supply projects and solutions not only machines, each one deriving from a careful analysis and a continual guidance to meet the customer needs, an accurate realization of each component and the constant presence during installation and commissioning phases.



# Wet Area

The filling system represents the heart of the bottling line. The range offered to the customers is particularly directed at the beverage industry for water and soft drinks such as isobaric, electronic or gravity monoblocs, equipped with up to 160 valves.

The valves offer fast filling, precision and ensure a good sanitation.

We put a big attention to the hot filling machines and the ultra clean monoblocs.

The high level of our technology and the novelty of our solutions are universally acknowledged by many patents in the filling system process.

Product preparation solutions complete the range. Our customers all over the world are testimonials to such success of our machines.

# Dry Area

40 years of experience and a high technological level have allowed us to become a worldwide leader in the manufacturing of palletizer and depalletizers for both beverage bottling and the food industry.

In the course of time, the range of products have been enriched with craters and decraters and wrap-around case packers.

The lines can be completed with every kind of conveyors, so as to supply complete packaging lines for every kind of container or package.

The latest innovations consist of robotized manipulation systems. A flexible system with customized solutions and high technologies, for palletising, depalletising and cartoning.

## ECS



Integrated systems from plastic resin to the finished containers. Output from 2.000 to 36.000 bottles/hour.

## PPS



Preform injection systems. Output from 2.000 to 46.000 preforms/hour.

## SFL-SFR



Linear and rotary blowmolders. Output from 1.000 to 48.000 bottles/hour.

## CONTAINERS PRODUCTION

Complete range of preform and container production systems: integrated systems from resin to finished container, preform injection systems, linear and rotary blowmolders. This wide range of solutions is enriched by the Sincro-Bloc, an integrated blowing-filling-capping system available in various versions and coupled with various fillers: isobaric, gravity and volumetric, suitable to fill mineral water, still and carbonated soft drinks, milk, beer and hot filled products (juices, tea, isotonic).

## Sincro-Bloc: SFR



Synchronized blowing and filling-capping system. It's an innovative integrated solution for the production, filling and capping of PET containers which ensures several advantages in terms of production efficiency, cleanness of containers and overall space reduction. The flexibility of the system allows the combination of all blowmolders models with the complete range of fillers depending on the final product to be treated.

## Sincro-Bloc: TRASFER



## Sincro-Bloc: FILLER



## Water and CSD Lines



Complete lines representing our core business, particularly for PET bottles.

## Hot Fill Lines



Very important lines for fruit juices (clear and with pulps), cold tea and isotonic products.

## Other



We are able to supply complete lines for wine, spirits, beer, milk and derivatives, oil, food and chemical products.

## Engineering



We design our plants according to the "product line" concept as a single entity, and not as a simple combination of single applications.

## Integration



We put big attention to the quantity and the quality of the conveyors between the machines, and to the choice of the best elements to integrate.

## Automation - Smart



It is essential to be focused on the best components for the automation and line functioning, as well as the control and supervising ones.

## COMPLETE LINES

We sell plant solutions and through engineering we achieve products that meet the production needs of our customers. The value of the product: engineering, standardization and customization.

With the engineering of a plant, the design process is rationalised through the right combination of several factors i.e.:

- the customer's production needs;
- the logistic limits of the areas destined to contain the line;
- the machines and the conveyors composing the plant;
- the cost of the single components part.

Our experience allow us defining specific standards of service quality and components (standardization).

The plants are studied and developed to meet the specific needs of each customer, in compliance with the high quality standards guaranteed by our company (customization).



## FILLING MONOBLOCS

Complete range of rinsing-filling-capping monoblocs for still and carbonated water, soft drinks, milk, beer, tea and fruit juices. Available in both mechanical and electronic version. All the monoblocs are designed to guarantee a high operating flexibility, efficiency and fast change-over operations. We pay big attention to the sanitification of all the filling process components.

## PRODUCT PREPARATION

Product preparations systems such as saturators, traditional and automatic mixers with massic control. Easy-to-use applications with high finished product qualitative standards.

## PALLETIZER DEPALLETIZER

Complete palletising and depalletising systems both traditional and robotic, for bottles, jars, cans, cartons, plastic crates and packs.

## CARTONING LINES

Craters for cartons and plastic crates for every kind of bottles, cans and jars. The robotic craters are particularly suitable for high speeds or, thanks to the precision and flexibility of the robot arm, for all the complex manipulations such as lay-down, crossed, up-side-down bottles cartoning and so on. The range includes carton erectors, carton sealers and partitioning inserting machines.

## CONVEYING SYSTEMS

Complete range of conveyors and accumulation solutions for bottles, plastic crates, cartons, packs, jars and pallets.

## Isofill



Isobaric mechanical filler suitable to fill CSD, still and carbonated water.

## Isotronic



Isobaric electronic filler suitable to fill CSD, still and mineral waters, liquids with good conductivity.

## Unitronic



Gravity electronic filler highly sanitificable, suitable for Ultra Clean applications.

## Stillfill S



Gravity mechanical filler suitable to cold fill still water and not carbonated product.

## Stillfill CR



Gravity mechanical filler with recirculation suitable to hot fill fruit juices, tea and isotonic products.

## Product Preparation



ACQUAMIX: saturator for water.  
DRINKMIX: mixer.  
MASSBLEND: automatic mixers with massic control.

## Genius



Complete traditional palletising and depalletising systems, with high and low feeding.

## Robby Pal - Robby Rack



Robot solutions for every kind of containers, designed upon customer's needs.

## Jolly - Silent - Robby Pack



Cartoning and crating machines both traditional and robotic, able to meet different production needs.

## Formex - Insert - Stick



Complete cartoning lines for carton erection and closure, also with partitions.

## Uniwrap



Wrap-around cartoning machines with continuous movement. Patented system for partition insertion available upon request.

## Conveyors



Conveying systems with modular elements for every kind of container.

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