

CPE **FOODTECH**

Z. MECCANICA

**Global service
for Industry**





The Company

CPE FOODTECH was born from the merger of two companies that are present and consolidated in the territory around Bologna for more than 20 years.

Our activity develops in the field of Installation, Maintenance and Design of Mechanical and Industrial plants for Packaging and Packaging Systems, and can be applied in different Industrial Production.

Thanks to specific technical knowledges, continuous researches and proven experience, we are able to offer to our Customers a cutting-edge technology in the design of systems adapting to Production requests.

Our technicians assist the Customer during the development of the process, carry out a "two-handed" project in order to reach a customized product.

CPE FOODTECH can connect all operating units of the Production Lines either in the beverage, and food sector, or in packaging and chemical sector through the development of various production processes beginning from the plant layout until the implementation and the testing.

CPE FOODTECH can offer you a "Global Service" from maintenance to installation. We cooperate with all companies both in Italy or abroad.



Service



COMPLETE BOTTLING LINE

We can realize Complete Lines for Bottling, starting from a modular construction with quick adjust terminals and guides, using materials of proven resistance, minimizing friction, adequate automation and control systems, provided with an easy access to all parts of the line for maintenance.

The design of Machines and Tapes allows an easy cleaning so that our transporters are considered a safe and lasting choice.

One of the most important characteristics of CPE FOODTECH Lines is the Modular System, which allows a rapid assembly in the construction of complete systems suitable for the handling of bottles, jars, cans, packaged products (fish, meat, vegetables), plastic crates, cartons, bundles, etc.



PREMIX

The premix plant is for the preparation of soft drinks through the mixing of concentrated and deaerated water followed by the carbonation.

On the base of the wished organoleptic result by the Customer, we can mix two or more components with settable and variable ratios. Afterwards, the mixed obtained substance, is introduced into a pressure container, previously saturated with carbon dioxide.

The product introduced inside will absorb the required quantity of carbon dioxide.

Plants, with a solid structure and high quality components, allows maximum control of the process and the final result, with the possibility of choosing different degrees of carbonation. Thanks to the PLC touch screen control, our plants are simple to use and furthermore the Mixing Electronic Unit with double flow meter can grant an

extreme precision of the water / syrup dosing. Also the addition of an optional refrigeration unit can comply with the request of final temperature of 4 ° C at the exit.



WASHING CHIP

The cleaning of the Plant is granted by the Automatic Cleaning System which goes alongside the plant. Thanks to the recirculation of the cleaning liquids and rinsing solutions at the required pressure and/or temperatures, the cooking plant and the fermenters are purified from organic and inorganic contaminants.

The internal surfaces of pipes, tanks, equipment, filters and their fittings can be cleaned without the disassembly.



SYRUP ROOM

The design of Syrup Rooms is thought for the production, starting from the aroma, of the finished syrup which, opportunely mixed, will then go to the filling phase.

According to customer requirements, Syrup Rooms cover the complete product preparation cycle (dissolving and mixing systems, storage tanks, piping, etc.) necessary to feed the bottling part.

The systems, made of stainless steel, comply with the sanitary regulations for beverages and food, are equipped with high quality components and guarantee maximum reliability and absolute precision during the processing stages.





STAINLESS STEEL PLANTS

Our technicians work with modern technologies, applying the utmost attention to the pharmaceutical, food and chemical industries giving the highest degree of sterility and safety.

The Supply and Installation of stainless steel pipes for the transport of: solids, liquids, fluids, gasses and compounds are also possible .



THERMAL CENTRAL UNITS

Installation of Steam Generators with smoking pipes, water pipes, small and large diathermic oil.

All the service components: water softeners, degassers, steam collectors, complete steam reduction units, complete steam systems, condensate return, overheated water and diathermic oil.



REFRIGERANT CENTRALS

Installation of Complete Refrigeration Plants and Complete Plants in Distribution to process machines, product exchangers and all the service to storage tanks for maintenance.

Customized Plants are also possible through the construction and installation of glycoled water Plants, under distribution centers and process and service plants, cooling groups with industrial process.



Products



ELETRONICA FILLER AZL

The AZL is the new serie of CPE FOODTECH Linear Filling Machines with electronic filling technology. Filling machines can be used in various sectors: food, cosmetics, chemicals and pharmaceuticals. AZL fillers can be equipped with two models of flow meters:

- Electromagnetic: for a volumetric measurement of the product;
- Mass: for a weight measurement of the product without electrical conductivity.

For example mineral and vegan oil, alcohol, demineralized water and creams.

All fillers have appropriately calibrated recipes that manage the filling phase of any type of containers, bottles, jars, drums and jars.

All the phases of the filling cycle are managed by pneumatic valves.

MONOBLOCK AZ2L1T - AZ4L1T - AZ6L1T - AZ8L1T

Monoblock Filler with 2 until 8 valves which can be customized, with Electronic Filling.

AZ L1T the customer can increase the filling speed from 300 to 2000 bph on the base of a format of 1LT.

The strength point of AZL range is its versatility:

- it can be used in various Sectors: food, cosmetics, chemical and pharmaceutical
- different types of Sizes can be used: Bottles and/or cans from 0.50 lt. Up to 20 Lt. of different Materials: glass, tin, pe and pet.

Furthermore :

With this Machine you can get a quick change of format thanks to recipes which are properly calibrated, that manage the filling phase of any container.



COMPLETE FILLING LINES

Complete Bottling Lines for oil liquids, detergents, water liquors and still wine, milk and fruit juices.

- Transport to Table Top
- Storage Tables
- Dividends
- Floating Tables
- Mechanical, electronic Aligners.
- Elevators Lifts.

- Cappers
- Linear cappers for low productions
- Monohead Capper for high production

LINEAR LABELING MACHINES



DESIGN

CPE FOODTECH employs qualified technicians for the design of industrial automation systems, who design and implement customized solutions according to customer's needs.



WORKSHOPS

In our workshops we perform pre-assembly of plants with installation of all process utilities, service and complete systems. Prefabrication of complete skids for various and diversified productions. Installations of all process and service components, all connection pipes to the various users.

All welding will be performed in TIG in a protected atmosphere giving the highest degree of sterility with particular attention to the pharmaceutical, food and chemical industries.

Intervention sector: Agro alimentary, pharmaceutical, milk and derivatives, fruit juices, conserves, vegetables, confectionery products, pasta and bakery products, wine, liqueurs, drinks, paper, chemical sugar.



ASSISTANCE

Our technicians have a long experience and a updated training to solve any type of breakdown by using materials and products of the highest quality and the latest in order to guarantee the durability after each repair. We carry out scheduled maintenance every year also in August and December to keep the plant highly efficient.



We Fill All Up!

CPE FOODTECH s.r.l.

sede operativa - head office

Via Carlo Levi, 202

40014 Crevalcore (BO)

info@cpefoodtech.com

www.cpefoodtech.com