

## Mechanical Engineering, from the idea to the product



Our experience has solid roots, our focus looks to the future, our passion is a well-done work.



Supply of machines and components for mechanics and industry on behalf of third parties.







C.M.S. was established in 1975 and operates in the field of mechanical engineering and manufacturing for third parties.

Founded as a small assembly company, C.M.S. immediately invested in machine tools and manufacturing technologies increasing soon its business potential. Thus, it began expanding its horizons abroad, both in Europe and overseas, proposing itself to the world leader in the liquid packaging sector and giving rise to a relationship that will be crucial for the future development of the company.

Thanks to the technical skills acquired and the advanced technologies developed over the

TRADITION AND INNOVATION

years, today C.M.S. represents an important company, with a history of almost fifty years.

The ability to continuously innovate, looking at the needs and expectations of domestic and international markets, has made C.M.S. a solid firm over the years, able to offer services and products with high quality standards.

The idea of expanding the company with specialized departments, able to follow every project at 360° has guided the management from the origins up to now. Mechanical engineering is the passion of the founders, "from the idea to the product" is the added value of C.M.S.





## Our Business Areas

### Food Processing

We provide our customers with a long experience in food packaging, reached by realizing mechanical components and complete machines for both medium companies and large multinational groups. Safety and precision are the features that have allowed us to establish ourselves as a reliable industrial partner over time.







#### Pharma / Life Science Packaging

Specific solutions for the customer. Flexible and performance oriented. We have developed technically complex projects for years, always keeping quality and safety at the forefront. This is the reason why we have acquired various specific certifications to operate in this sector.

#### Filling Beverage Packaging

It is our main business area: over the years, we have developed specific skills both in the production of critical mechanical components from a safety and health point of view and in the assembly of electromechanical subgroups for automatic machines.







## The Process for our Customers

Co-design, production, assembly, supply-chain management and testing: these are the five steps of the complete industrial process of C.M.S.

#### Co-design

Support the customer from the design phase, intervening on the drawing of the parts to be developed or assembled: this ensures the optimization of each production cycle, with real benefits, both economically and qualitatively.

#### Production

Production is the beating heart of the company and covers a plant of over 7,000 square meters. Using specific technologies and a constantly renewed fleet of machinery, C.M.S. is able to meet the needs of its customers in different sectors.



#### Assembling

The teams of C.M.S. have experience on both medium and large assembly of groups with very high level of complexity and they are able to operate according to the production or independent orders.

#### Supply-chain management

The supply-chain management is one of the last steps of the industrial process developed in the company. Highly performing thanks to the ability of coordinating many and different suppliers, it guarantees the final customer a complete management of the order.

#### Testing

Constant and targeted investments in the most advanced technologies allow us to monitor the quality of all our products. We have a wide range of measurement tools, necessary to assess the product's conformity to the specifications of the manufacturing drawing, both during and at the end of the machining.

## Our driving force

We work to create value for our customers. our staff and the local community. We pursue profit without harming people and environment.

We respect different cultures and ideas.

We look for the appreciation and trust of our customers and all the other stakeholders.

We are excited about offering better and better solutions.

We want to amaze you.



We maintain and increase our know-how.









## Technologies

Turning Treatments:



- Raw materials cutting
- Metal sheet processing
- Pipes bending
- TIG / MIG welding
- Robotic welding island
- Robotic deburring island
- Three and five axes vertical milling
- Horizontal multi-pallet machining centres
- passivation, electro-polishing, pickling
- Laser marking
- Zeiss / DEA metrology room







## CO-DESIGN PRODUCTION ASSEMBLING SUPPLY CHAIN MANAGEMENT TESTING





A push towards innovation, support in the development and optimization of projects according to quality and performance requirements keeping also a specific focus on added value in terms of costs and timeframes – this is co-design for C.M.S. Complete integration between the skills of our designers and technologists of the various production departments, in-depth knowledge of production and assembly technologies, qualified supply network: these are the keys to the effectiveness and efficiency of C.M.S. industrial cycle's first phase, developed as a single service to the customer or as the basis for the development of all subsequent processes up to the finished product.

**EXPERIENCE AND SKILLS** 

Mechanical engineering: this is the beating heart of C.M.S., but also the imperative shared by all the productive areas, which are specialized and divided by technologies or by business sector.

The excellence in the production of mechanical components comes from the deep knowledge of the technologies used and from the systematic and strategic approach to manufacturing.

Efficiency, cost optimization, traceability and flexibility are some of the main values recognized by the customers. C.M.S. has always paid attention to production standards and employs an extremely rich range of production technologies. Traditionally, the most consolidated are machining and welding. Outstanding partners further guarantee access to the most advanced technologies and expertise in the different processes necessary to optimize any product manufacturing.















The natural flow of the product vertical integration passes through assembling and testing, processes that are closely linked together in C.M.S.

Decades of experience and know-how acquired with customers in various sectors allow C.M.S. to organize and monitor at best every phase of the assembly process. WCM strategies and continuous process optimization through lean techniques, flexible layouts and lines guarantee on-time, on-quality and in-full deliveries.

Our assembly teams are able to perform sophisticated mechanical assemblies and wiring, as well as electrical and pneumatic systems alongside the machine, with a meticulous control of the components.

## FLEXIBILITY AND INNOVATION



The time of testing is essential to verify that any component or more complex system includes the required features. To ensure the best performance of this delicate phase, in C.M.S. there are functional, electrical and mechanical test equipment, coordinated measuring systems and control instruments to perform checks on components and products.

Furthermore, we are able to offer a service of technical consulting and support for the execution of tests on machines, even if these have not been manufactured by us. This means that you can rely on us even for the only final test of your plants, making use of our equipped metrology room, with a complete range of cutting-edge technologies, from measuring equipment to the three-dimensional machines DEA and ZEISS for the check of dimensional and geometric tolerances, with automatic release of test report.

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Those who choose C.M.S.' services have the advantage of interfacing with a single partner who can put forward many years of experience in different industrial sectors with various production technologies, verticalizing complex and specialized supply chains on its platform. In order to do this, we decided to dedicate wide spaces entirely to logistics and handling departments, distributing them on two factories and keeping them updated with the latest and highest performing technologies.

The company also supports our customers in the management of shipments all over the world, taking care of all aspects: from the organization of the transport to the packaging, as well as the preparation of any customs documentation. These skills enable us to manage synergistically all supply chain flows, in order to increase your business on a global scale.

Our logistics team is also supported by the administrative one, whose expertise is crucial for the resolution of any complex customs operations and practices.



## **7** EFFICIENCY AND OPTIMIZATION







# Certifications

We produce machines for third parties and mechanical and industrial components, with the highest international standards and certifications.









#### C.M.S. S.p.A.

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