



**CMC TEXPAN**  
Machinery and Technology

# COMPANY PROFILE





# CMC TEXPAN

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## In 1962...

In Colzate, about 70 km northeast of Milan, a small metalworking company is established under the full name "Carpenterie Metalliche di Colzate" (hence the acronym "C.M.C."). Although the company starts its activity as a manufacturer of semi-manufactured products and metal structural elements for the textile and mechanical industry, it soon shifts its attention to the nascent industry of wood composites (let's remind that the first Italian particleboard panels were produced in 1963) and specializes in the fabrication of woodworking machinery for particleboard, MDF and OSB.



## 1970s

CMC starts to cooperate with Siempelkamp: first through Elmag, its Italian representative, and later on through TEXPAN, Elmag's corporate spin-off dedicated to the engineering of machinery and equipment for the particleboard industry. CMC increasingly specializes in the production of machinery for this branch, such as: drying systems, vibrating screens, feeding and discharge lines, after -press lines, load cell mat scales and panel saws. New sheds are built for workshop activities.

## 1980s

CMC extends its range of products: forming systems for MDF and OSB, sawing equipment and automatic storage systems, are fabricated for Siempelkamp (the relationship between the two companies has meanwhile become direct) or for its subsidiaries. A further milestone: the fabrication of the first stationary forming station for particleboard, carried out in cooperation with TEXPAN. To meet increased business activities, new office buildings are built.

## 1990s

The relationship between CMC and TEXPAN consolidates more and more: shares are exchanged between the companies. At the end of the decade, TEXPAN's know-how and personnel will be integrated into CMC: in this way, both the engineering and production skills will be brought together under one brand: CMC-TEXPAN. Through this new corporate configuration, capabilities are expanded and improved: significant achievements can be reached in terms of capacity and technical performance of the machines.

## 2000s

Expanded capabilities and a consolidated structure make it possible for CMC TEXPAN to reach significant achievements also in fields other than that of the woodworking industry. Ambitious projects are developed in these years, also in direct cooperation with end customers: for very diverse application fields: lime and cement kilns, a wind tunnel for aerodynamic tests and even small submarine vessels for maintenance activities on dams. Siempelkamp increases its share portion in CMC TEXPAN.

## 2012

CMC TEXPAN is now a 100% subsidiary of Siempelkamp. Thanks to integrated working and communication platforms, information and knowledge are shared on a real-time basis, bringing indisputable benefits to the whole Group. The product spectrum has been enriched: gluing systems, but also equipment for different stages of particle preparation: cleaning and removal of pollutants, classification and size separation, dosing and metering. The experience and skills gained in more than 50 years of activity also widen the perspectives of the company in different fields, sometimes very far from its core business sector.

# 2022



On 26th March 2022, CMC TEXPAN celebrates the **60th anniversary** of its foundation: a very significant goal and great company story. In order to remember this important day, a special gift is given to all the employees and their families: an elephant made of wood and metal, symbol of longevity, solidity, strength and majesty. The elephant stands also for happiness and health to wish to all the CMC TEXPAN and Siempelkamp staff members.

CMC TEXPAN is considered the front-end specialist in the wood based panel industry, it provides and is specialized in the design, engineering, manufacture, erection, commissioning and assistance of machinery and equipment for different production stages.



## PARTNERSHIP

CMC TEXPAN is a proud member of the Siempelkamp Group of Companies: a well-integrated, international team of qualified professionals, sharing skills and knowledge to reach the highest levels of quality and efficiency.

Thanks to a combined approach, we are able to provide complete, state-of-the-art solutions for the wood-based products industry, ranging from the design, engineering and supply of brand new production plants to the revamping, modernization and optimization of existing lines.

# OUR MISSION

**"Keeping the old, embracing the new"**

More than half a century of activity: CMC TEXPAN has undoubtedly come a long way throughout the years. History and tradition represent the foundation of our business - it goes without saying.

Nevertheless, there is an important point that needs to be highlighted: CMC TEXPAN has always been future-oriented, since its very first steps. Tradition isn't an obstacle to growth and development: on the contrary, it is an element of strength.

The experiences gained during the development of the different project are thoroughly analyzed and reviewed with an approach aimed at continuous improvement.

In this way, we are able to build a comprehensive and dynamic knowledge base, constantly updated and adapted to meet the changing requirements of the market..

Our skilled technologists, design specialists and engineers from various disciplines work closely together with field staff members, as well as with Siempelkamp colleagues, so as to be ready to meet promptly any needs arising in daily practice. Equally, the feedback from our customers is of the utmost importance, since it represents an invaluable input for innovation.

This combination of a solid background, leading-edge technologies and a forward-looking attitude is the "secret recipe" that enables us to provide our customers with specific solutions, perfectly tailored to meet their needs..

# OUR VISION

**Partners, not just suppliers**

Business is made by people for people; good business is made by people behaving professionally.

Customer intimacy is more than a mere strategy: it is a key pre-condition to establish a successful relationship that will bring mutual, long-term benefits to all the players of the customer-supplier scenario.

Quality, reliability, profitability and sustainability: what is important to our customers is important to us. You will find in us a competent partner, ready to listen to your needs and suggestions and to put at your disposal the most advanced proposals to turn them into reality.

# OUR FACILITIES

**Rooted in the territory, projected to the world**

CMC TEXPAN headquarters are located in Colzate, about 70 km northeast of Milan.

Here the company runs two production units, covering an area of about 15,000 m<sup>2</sup>, about ten times bigger than the area of the original workshop where activities started in 1962.

State-of the art machinery and technologies are standard practice.

Mechanical machining includes a full range of metal transformation technologies; highly sophisticated techniques make it possible to operate with great precision and respect even the smallest tolerances.

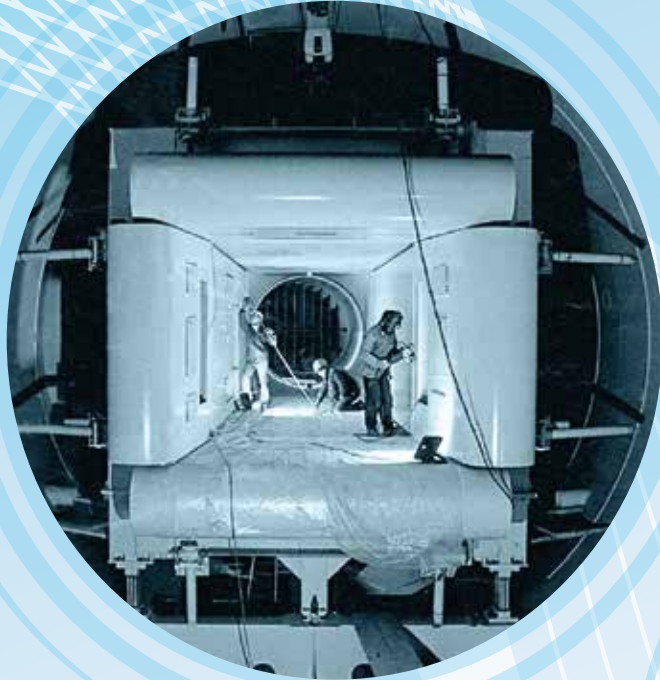
Specific areas are dedicated to manufacturing and finishing operations, in strict compliance with the most severe standards for environmental protection.

Machines are pre-assembled in the workshop with the utmost care, so as to make erection at Site as easy as possible.



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Quality controls are performed using the most modern procedures and testing equipment, in order to comply even with the most severe requirements.

Advanced 3D techniques are used in the Design Dept. for a highly accurate representation of the machines.

Computational Fluid Dynamics (CFD) simulation software is a further important instrument used in order to achieve the most convenient configuration of the air and particle flow inside the machines.

In the functional laboratory of our R&D Dept., tests are run on the raw materials specifically provided by our customers, in order to ensure that the machine will fully meet their needs.

**More than 200 forming systems  
and more than 1700 machines  
for wood particle preparation  
supplied and put in operation  
in 55 countries all over the world**

## **OUR PRODUCT PORTFOLIO**

CMC TEXPAN's main line of business is dedicated to the production of wood composite panels, such as particleboard, MDF and OSB.

The company specializes in the design, engineering, manufacture, erection, commissioning and assistance of machinery and equipment for different production stages:

### **Particle preparation:**

- Storage silos and extraction systems: moving floors, hydraulic extractors, rotating screw extractors;
- Cleaning and classification equipment: magnetic separators for removal of ferrous/non-ferrous contaminants; dry chip cleaners; gravimetric separators for removal of pollutants and for classification of material according to weight size and thickness; oscillating screens to separate dry particles into Core and Surface Layer according to their size; disc separators and roller separators for classification of different types of wooden materials, including OSB flakes.

### **Glue blending:**

- Low & high speed glue blenders in traditional execution with mixing chamber and rotating shaft.

### **Mat forming:**

- Multiple head forming stations for particleboard, consisting of mechanical forming heads for Core Layer and wind forming heads for Surface Layer;
- "EcoFormer SL", optimized wind forming system for Surface Layer particles.

### **Dosing and weighing equipment:**

- Dosing bins with built-in scales for uniform, metered feeding of glue blenders and forming heads;
- Weighing equipment for particles and particle mats, for continuous control and monitoring of material density, as well as of particle mat weight.



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## ENGINEERING AND FABRICATION ACTIVITIES

### Turning technological ideas into reality

Starting right from a technological idea, CMC TEXPAN can deliver customized engineering and manufacturing solutions for different types of plants and machinery.





## SERVICES

### Adding value to your products

Premium quality finished products and total customer satisfaction are what we are focused on: by providing a wide range of pre- and after-sales services, CMC TEXPAN ensures the best assistance and support to every single customer.

Starting from 2010, further to the re-organization of the Siempelkamp Group, the after-sales service branch for Siempelkamp production lines in Italy has been taken over by CMC TEXPAN. Here we can assist Italian Customers not only for ordinary procedures (such as spare parts procurement etc.), but also offering consulting and expertise services for refurbishing and modernization of existing Siempelkamp production lines.

## CONSULTING

The experience and skill of our highly qualified engineers is at your disposal to provide you with strategic, state-of-the-art solutions, tailored to your to your specific needs.

No matter how complex the task, no matter how large or small the project: we will help you reach your production goals successfully.

## PRODUCT ANALYSIS

In our laboratory we can run tests on the raw materials and panel products specifically provided by our customers in order to:  
investigate potential quality issues and their possible causes and  
ensure that the machine are fully suitable for the materials to be processed.

Our experienced professionals will propose complete and efficient solutions to correct any problems and enhance panel quality.

## ON- AND OFF-SITE SERVICES

CMC TEXPAN's technological offer is completed by a broad spectrum of on- and off-site services:

- installation, commissioning, start-up and testing of equipment;
- thorough training of local staff, to ensure that the equipment will yield the best production performance;
- troubleshooting: our technicians can provide assistance at Site, in most cases within 24 hours;
- prompt assistance in spare part requests.



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# Siempelkamp

G. Siempelkamp GmbH & Co KG

## DIVISION: MACHINERY AND PLANTS



## SALES COMPANIES/REPRESENTATIVES

- |   |                                       |
|---|---------------------------------------|
| <b>Australia</b><br>Siempelkamp Pty Ltd.                                    | <b>Russia</b><br>Siempelkamp Moscow   |
| <b>Brazil</b><br>Siempelkamp do Brasil Ltda.                                | <b>Belarus</b><br>Siempelkamp BEL     |
| <b>China</b><br>Siempelkamp (Wuxi)<br>Machinery Manufacturing Ltd., Beijing | <b>Spain</b><br>Siempelkamp Barcelona |
| <b>France</b><br>Siempelkamp France Sarl                                    | <b>Turkey</b><br>Siempelkamp Istanbul |



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