

# STEEL STRUCTURAL SOLUTIONS



# STRUCTURAL SYSTEMS



Solid/core beams  
assembled with tubular elements.

These structures allow to limit the pitch of  
the roof.



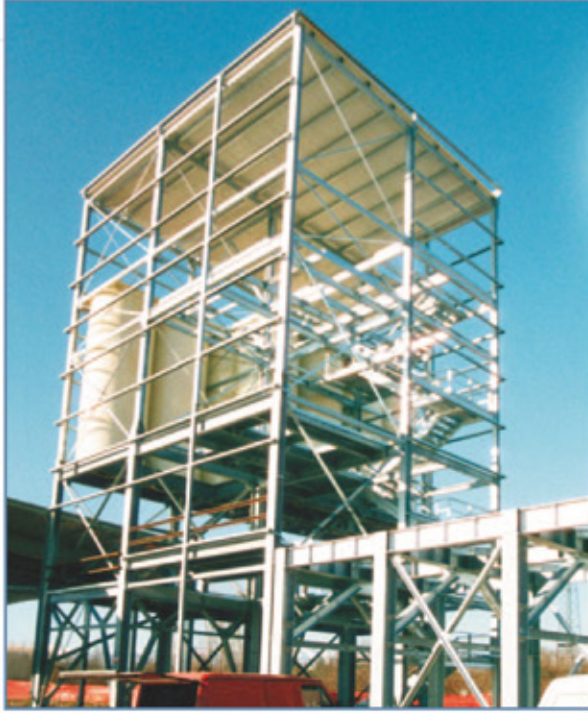
Structures made with beams through the  
classical Buton- Tirant technique.



Truss used when considerable  
capacity is needed.



# CARPENTRY



Tower-like structure industrial building:  
Prefabricated structure closed with a cladding.

Intermediate levels can be executed rapidly and safely  
through self-supporting flooring. These structures join  
embossed sheet metal and concrete.



The whole structure is placed over  
a set of well dimensioned  
beams and concrete.

When a removable structure is  
needed for a specific case, the  
decking can be realized with  
non-slipping sheet metal, with  
welded truss overlapping  
wooden sheets. Different varia-  
tions can be realized.



SINGLE SLOPE SHELTER.



# COVERING



Covering is usually made with sheet metal self-supporting pre-insulated panels; they can be made of a polyurethane foam inserted between two metal supports.



This system guarantees an optimum insulation system in relation to the thickness of the panel.



The internal white refinishing, eventually combined with skylights or windows make the inside much brighter, still complying with specific regulations



Alternative covering materials like corrugated metal sheets, fiber cement boards, polycarbonate glazing panels etc.. can be used according to the different requests.



# FACADES

All our closing systems of the facades are characterized by a quick runtime. The construction works are restricted basically to the foundation.



Walls realized with pre-stressed cement modular panels (thickness 16/20 cm) leaning on the external structure or on the internal structure of steel pillars; They are characterized by robustness and they are implemented with different types of external finishing: grain, marble, raw... There is the possibility of including finishing architectural motifs, such as banners or the company's logo.



The facades can be realized with pre-insulated panels with the same structural features of the covering. They exist in a wide range of colors. they are characterized by a Socket laying system with the total absence of thermal bridge, so they have a good coefficient of thermal insulation.



On request, we provide technical support to customers in the choice of windows pane systems besides a monitoring during the executive phase.



# OUR STRENGTHS



## ROBUSTNESS

Steel structures join slenderness and elasticity and this makes them extremely strong, also in critical environmental situations as, for example, in high seismic zones.



## BEAMS

These structures are adapted and customized for every kind of situation and they are not bound to standardized sizes.

Assembly in the working site is made exclusively through bolting with the advantage of being easily changeable, expandable and totally retrievable.



## LONG LASTING LIFE

The method of HOT GALVANIZING means long lasting life, considerably reducing the maintenance of the structure.



## CONVENIENCE

The low weight of the structure and as a consequence, the low pressure on the battery reduce the cost of the foundation workings.





**S**TEEL...

the  
**S**OLUTION

if your mind can dream it,  
**the STEEL can do it.**

Its solidity and adaptability  
verge on perfection





RCM is a firm located in the Province of Cuneo active since 1962. It is specialized in the realization of pre-engineered metal structures, such as warehouses, industrial, commercial, civilian and zootechnical buildings and internal mezzanines and Structural Carpentry.

It is constantly engaged at an International level, using leading- edge technologies and materials.



Each demand is assessed by the internal technical department with the aim of finding the best architectural and structural solution.

We put our experience at our clients' disposal as early as the offer phase.



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