

**GROSSO**  
**LEGNOARCHITETTURE**



# GROSSO LEGNOARCHITETTURE

Living the Nature



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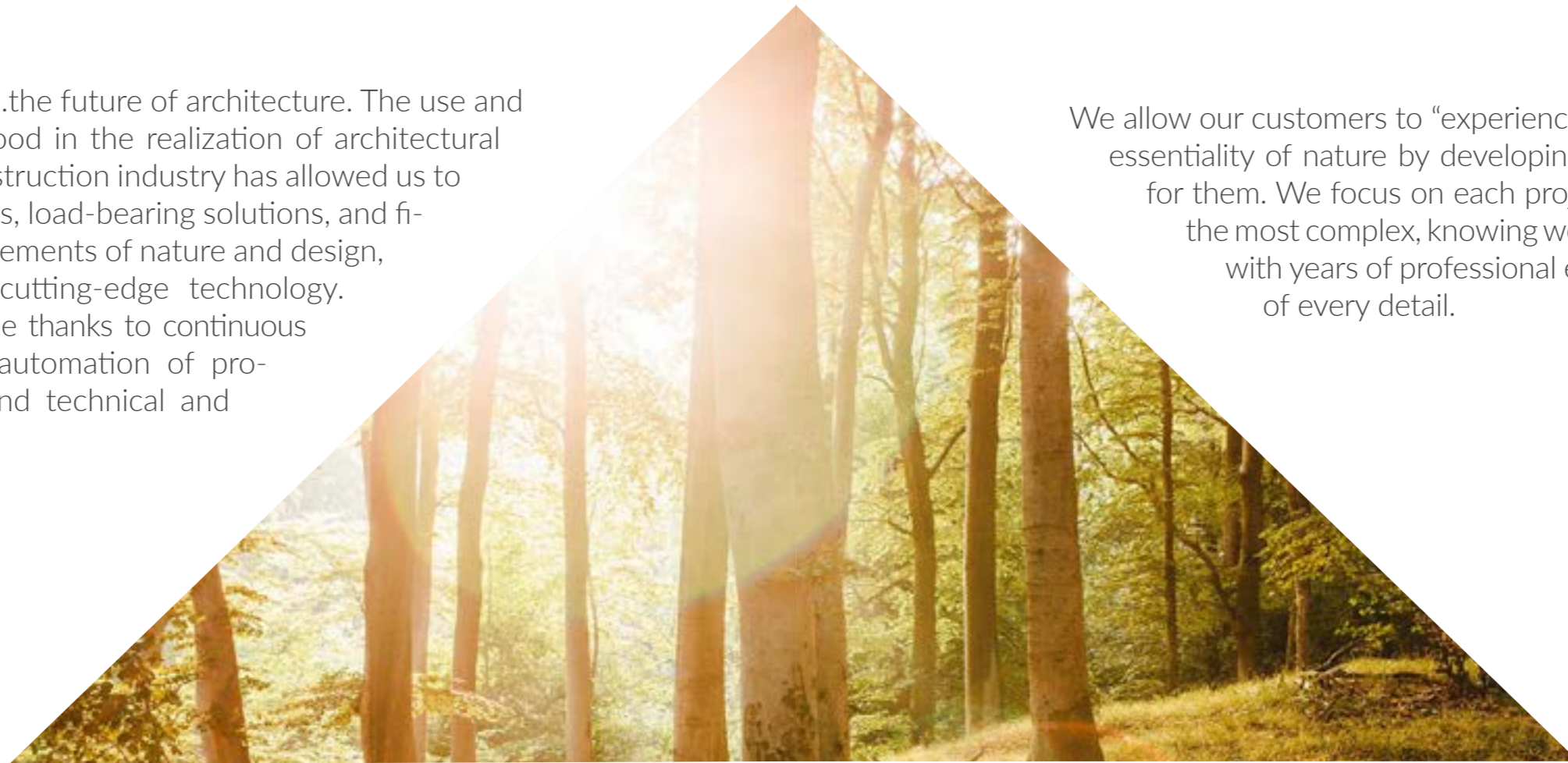
We have been specialists in  
woodworking since 1968.  
A family tradition that combines  
passion in design and experience  
in the realization of custom-made  
wooden constructions that become  
innovation and nature to live in.



## We transform nature into architecture

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The history of wood...the future of architecture. The use and transformation of wood in the realization of architectural structures in the construction industry has allowed us to develop new products, load-bearing solutions, and finishes that mix the elements of nature and design, craftsmanship, and cutting-edge technology. This has been possible thanks to continuous investments in the automation of production processes and technical and scientific research.



## We create customized solutions

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We allow our customers to “experience wood” and the essentiality of nature by developing tailor-made solutions for them. We focus on each project to the fullest, even the most complex, knowing we can count on our staff, with years of professional experience, to take care of every detail.



## Reliability, precision, and passion

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From the choice of raw materials to the design, production, and processing of high-level products to the delivery and installation on-site, we always keep in mind that reliability, precision, and passion must reach the entire supply chain and become an investment for those who choose to rely on our company.

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*Ponte dell'Accademia*  
Venezia



# Why choose Grosso?



## PASSION

We are passionate about our work and we strive with all resources at our disposal to achieve the best result and standard of living for our customers.



## EXPERIENCE

We have over 50 years of experience in the field of wood structures to which we add technical innovation, design, quality, and problem-solving.



## COMPETENCE

We give shape and substance to the ideas of designers, architects, engineers, and construction practitioners with a professional executive design service to ensure maximum performance of the result.



## RELIABILITY

Our wooden structures are entirely made in our production plant, ensuring precise timing and costs and the verifiability of the products used.



## WARRANTY

During the installation process, you will be constantly assisted on-site by a specialized technician and on completion of the installation, we will continue to be present for the appropriate advice. Our structures are guaranteed for 10 years.



## CERTIFICATIONS

The quality of the work performed is also reflected in the various certifications we have obtained over time.

**WOOD MACHINING CENTRE** - for the processing of structural elements made of laminated timber, plywood, and wood-based panels.

**SOA** - Certificate of qualification for the execution of public works.

**UNI EN ISO 9001:2015** - Quality management system for design, manufacture, and installation of roofing and wooden structures including wooden buildings.

**UNI EN ISO 14001:2015** - Eco-management system for design, manufacture, and installation of roofing and wooden structures including wooden buildings.

**PEFC ITA 1002:2013** - Chain of custody for sawn products, laminated products, engineered products, and wood-based panels, packaging, crates and pallets, flooring, buildings, and their parts.

# PRODUCTS



- 1. Wooden Houses
- 2. Wooden Roofs and Slabs
- 3. Decorative finishes - Nature
- 4. Loft System
- 5. Special Structures

# I. Wooden Houses



Grosso wooden house gives the feeling of living with **Nature**

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Building a new home is one of the most significant decisions in one's life and the choice of a wooden house, with its durability over time and the atmosphere that it conveys has its roots in a very distant past.



# The **benefits** of Grosso wooden houses:



## **EXTREME PROJECT FLEXIBILITY**

with adaptation to the customer's aesthetic and structural needs thanks to a team of dedicated professionals



## **REDUCED THICKNESS**

of the masonry and an increase of up to 10% of the internal walkable surface compared to traditional systems



## **ADVANCED THERMAL AND ACOUSTIC PERFORMANCE**

guarantee lower energy consumption and greater comfort



## **HIGH ANTI-SEISMIC PERFORMANCE**

the extreme elasticity and lightness of timber eliminates the seismic risk



## **VERY SHORT ASSEMBLY TIMES**

thanks to the pre-assembly system, installation becomes extremely fast



## **FIXED AND PREDEFINED COSTS**

thanks to a careful project and pre-assembly system, the costs are fixed and predefined



## **DURABILITY OVERTIME**

the careful selection and use of all materials guarantees the longevity of Grosso's houses

Imagine a **dream** house, we are ready to make it happen



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Grosso wooden house is designed and tailored to your dreams and guarantees a unique experience for those who live in it.

Imagine an ideal place for your family full of charm, coziness, and comfort. The veining of the wood and its colors will infuse your home with warmth, light, energy, and balance.

Enjoy your living experience without any limits, think about your dream, we are here to make it happen!



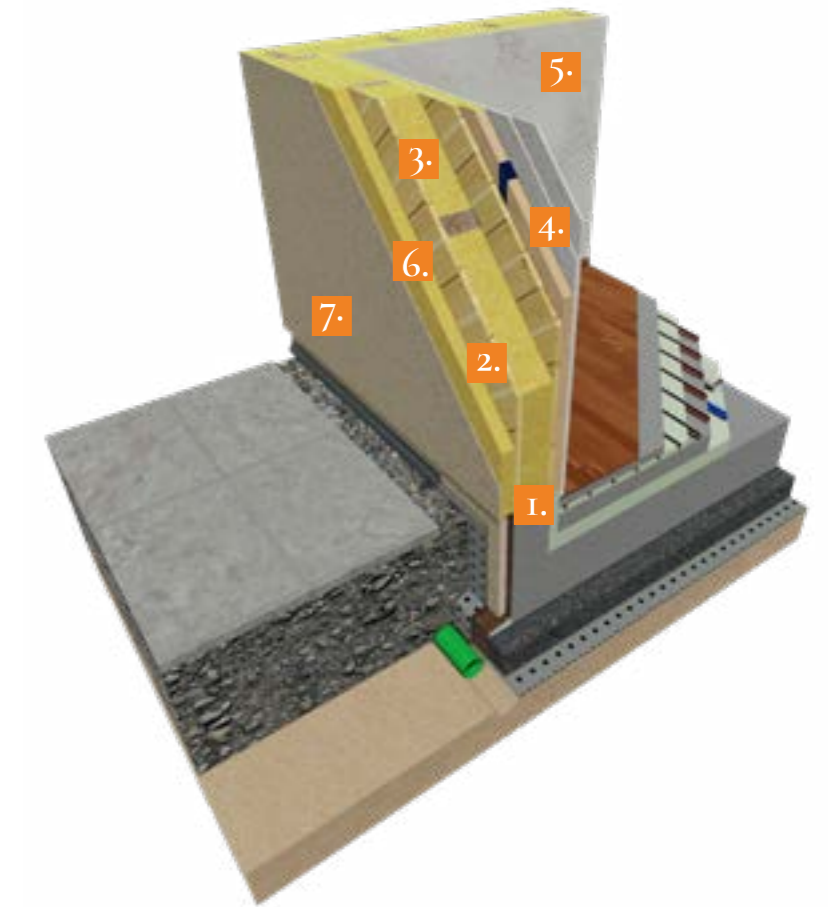
## A **healthy** atmosphere starts from fundamentals

### COLLA ZERO / NO-GLUE HOUSE

Did you know that in a wooden single-family house with commonly used systems are estimated to be employed between 5 and the 6 quintals of glue? To reduce the use of glue and related emissions, Grosso proposes a system of “zero glue” construction.

A timber frame with load-bearing beams in solid construction timber includes both the skeleton and slabs and roofs. For wind-bracing, on the other hand, is designed the use of planks placed at a 45 ° angle.

With this system, the use of glue is reduced by 98% and at a competitive construction cost on the market.



1. Load-bearing frame structure in solid wood
2. 45 ° bracing planks
3. Insulation layer
4. Counterwall for installation
5. Internal cladding panels in plasterboard/plaster fiber
6. Insulating coat
7. External plaster

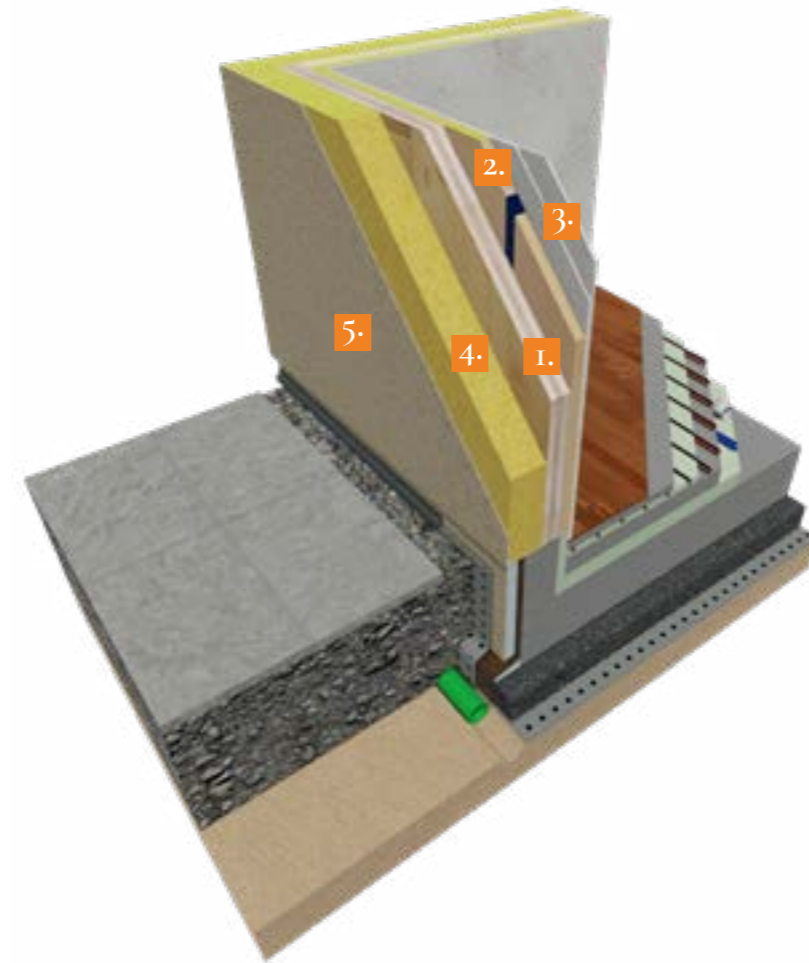
## Two construction systems a **single result**

### SELF-SUPPORTING TIMBER PANEL SYSTEM

It is a massive construction system for wooden houses that involves the construction of the perimeter and internal load-bearing walls completely in solid wood, using glulam timber panels of crossed spruce boards glued together.

The maximum size of the panels, already equipped with special holes, can reach up to several meters in width and 14 ml. in length, with variable thicknesses ranging from 50 to 300 mm.

The x-lam panels are also used for the construction of the slabs. This system is suitable for multi-story buildings or where a certain mass in the walls is required.



1. Xlam load-bearing frame structure
2. Counterwall for installation
3. Internal cladding panels in plasterboard/plaster fiber
4. Insulating coat
5. External plaster



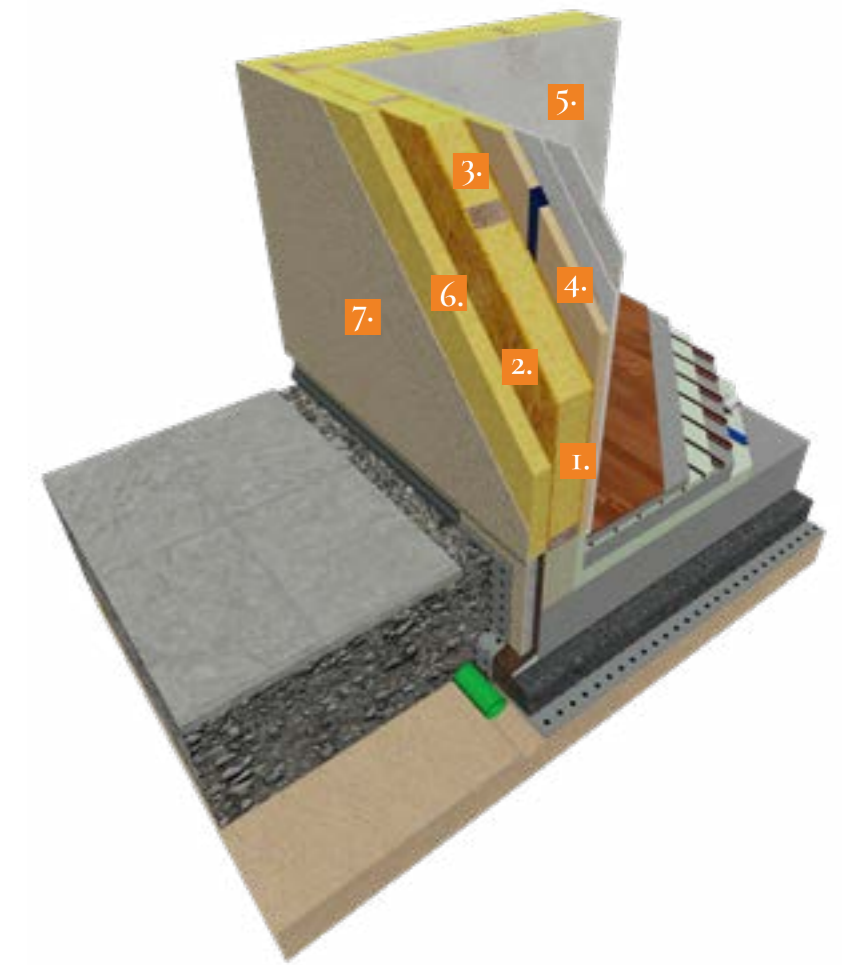


## Two construction systems a single result

### SELF-SUPPORTING TIMBER FRAME SYSTEM

It is a lightweight construction system for wooden houses that involves the construction of the perimeter and internal load-bearing walls thanks to a frame structure consisting of uprights arranged to a constant center distance and lower and upper cross-pieces in wood, covered and braced externally by multilayer panels or by a layer of boards arranged at 45 °, while internally by boards or slabs in drywall.

To achieve the desired levels of thermal and acoustic performance, an insulating layer will be inserted inside the space of the frame. This system is widely used for buildings of small/medium size.



1. Load-bearing timber frame structure
2. Timber panels
3. Insulation layer
4. Counterwall for installation
5. Internal cladding panels in plasterboard/plaster fiber
6. Insulating coat
7. External plaster

## Why choosing timber?

### NOTHING PROTECTS THE LAND MORE THAN THE WOODS

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Building your wooden house is a sustainable choice because, in addition to decreasing the concentration of harmful substances that circulate in the rooms, with its use you will contribute to the global reduction of CO2 emissions into the atmosphere, an essential factor for the protection of the climate. The wood we use comes only from PEFC certified forests and this guarantees its maximum environmental sustainability.



## Wood is...

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- Natural
- Bio-compatible
- Renewable material
- CO2 neutral
- Sturdy
- Flexible
- Versatile
- Home humidity regulator
- Anti-seismic
- Thermal and acoustic insulation
- Fire resistant

## 2. Wooden roofs and slabs



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A house with a wooden roof gives its inhabitants a unique feeling of warmth and a timeless charm that creates suggestive and welcoming settings.

The wooden roof provides protection from atmospheric agents, from the heat in summer and from cold in winter, creates excellent sound insulation, and eliminates excess moisture from the rooms.





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Thousands are the Italian wooden roofs designed by Grosso Legnoarchitettura. Solutions that make the difference, in the speed of delivery, in the construction facilities, and in the offer of services aimed at satisfying the expectations of customers and designers.

The great flexibility of use achieved by wood allows you to create any type of roof that can range from the simplest one of the gable roof (for the classic house or terraced house) to the more complex one with multiple pitches and any dormers that we find also in renovations (residential construction), up to reach the covers of large spans that distinguish buildings for tertiary/industrial use or public use such as schools, gyms, swimming pools (large structures).

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The many years of experience gained in the construction of wooden roofs, extremely diversified by type and size, has led Grosso to be the forerunner in Italy of the “pre-cut” system: an important constructive choice, for the accuracy of the design.

Cutting and pre-assembly avoid the inaccuracies and the consequent waste of time that would occur when carrying out the same operations on site. Only the sophisticated equipment available at the company’s facilities can guarantee the highest quality and safety for the construction of structurally perfect roofs and trusses. We also offer a roofing package consisting of a layer of adequate insulation and ventilation, essential if the attics are habitable.







## Manufacturing

### ROOFS FOR RESIDENTIAL BUILDINGS

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We customize each roof based on the customer's requests and needs, both in terms of technical feasibility and in terms of the type of roofing package.

The careful study of the construction detail and the connection with different materials such as steel (trusses with an iron chain, etc.) or reinforced concrete, allow finding original solutions from an architectural point of view in compliance with the correct use and processing of wood.





## ROOFS FOR LARGE INDUSTRIAL - AGRICULTURAL STRUCTURES

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We produce roofing for buildings with large spans for industrial and agricultural construction. Whether they are warehouses, craft premises, warehouses, or any other type of construction, the utmost attention is paid to functionality and compliance with current safety regulations.

Buildings of this size can be used for special structural elements such as long trusses or boomerang, lattice, or curved beams.





## CASSETTONATO

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Wooden ceilings, as we know them today, have undergone various transformations over the years.

In ancient times, in the classic woodworking joints, technologies and materials known today had not yet been discovered, therefore the roofs were formed by load-bearing wooden beams “closed” by side-by-side boards. Between table and table remained chinks (or were created for movement of the wood). To remedy this phenomenon, a strip was placed above the crack. Thus was born the coffered in the wooden ceilings.

Grosso, wishing to maintain contact with tradition, while always keeping up with the evolution of the sector, has perfected his cassettonato system.

These are load-bearing beams with special pockets on which wooden joint cover strips are placed. Additionally, the exposed planking is laid on top of them. The effect will be identical to the traditional ones, but using the most modern technologies.

That’s not all! The system can be made with all the finishes of the Nature line such as Sole, Polaris, and Antares.





## GROSSO PREASSEMBLED ROOF

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To be ahead of the times and maintain a high standard of finishes and quality, Grosso offers a prefabricated roof system.

It involves pre-assembling a system of panels for transportable roofing and slabs at our factories.

How do we do it? A technician in charge, before proceeding with the executive design, will go to your construction site to take the exact measurements of your building, with which he will prepare the executive construction project.

Once the drawings are completed, the production, with the help of a high-precision numerical control machine, will pre-cut the main and secondary truss and prepare all the necessary material. With the material organized, our staff will assemble it to create panels (including package) ready to be mounted. These preassembled panels will be loaded on a truck that will take it to the construction site and thus set up it will be mounted on the pre-existing structure.



# 3. Decorative Finishes Nature

Creative solutions, with a strong personality and charm, able to respond to the most diverse interior decoration and style needs. They are made in a workmanlike manner according to the canons and experience that distinguish Grosso Legnoarchitettura.

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A range that embellishes any architectural space, with the charm of tradition and the ability to adapt to the most modern living concepts. The particular surface workings of the NATURE line when used create exclusive finishes that embellish each project giving it a strong emotional impact.



## Finishes



### AGING

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gives the wood the warmth of a pleasant lived-in effect



### COLORING

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marries the naturalness of wood with water-based, solvent-free colors



### BRUSHING

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it leaves the typical veins of the beams and boards in relief



### SANDING

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enhances the vein of the wood with a smooth and bright appearance

## NATURE

Exclusive decorative finishes  
created to amaze

### SOLE

The aged, brushed, and colored  
surface

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The aging treatment highlights the hardest parts of the wood. Material and warm, it is ideal for recreating the personality of renovated country houses and cottages. The warm atmosphere of Sole is our proposal in a modern key style that reinterprets our architectural culture.



### ANTARES

The aged, brushed, colored, and  
polished surface

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Versatility is the keyword of Antares: modern when combined with laminated wood, ancient when accompanied by hand-beveled solid wood beams. The best answer for every design need. A mix of light and dark shades for a timeless wood updated according to the latest trends.



## POLARIS

### The brushed, colored, and smooth surface

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With its brilliance and its three variations of shades, Polaris completes and amplifies the feeling of modernity of the laminated timber's more current look. Polaris opens new horizons to the creativity of design, giving rooms an unprecedented brightness.



## ATLAS

### The light-dark effect surface

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All the best of nature in this light-dark effect finish. Strips in various trendy shades set in fir plank or birch panels customizable in many finishes and colors.

Atlas allows you to create textured finishes that create dynamism and they personalize extremely contemporary interior designs.

The material becomes the protagonist, shapes and covers the environments, and through various combinations of colors creates unique surfaces and exclusive settings.





# 4. Loft System



## Author's False-Ceiling

WE TRANSFORM A WOODEN ROOF INTO A WORK OF ART

Loft is the designer ceiling system that blends design, technology, and functionality. It is made up of customizable and removable decorative panels set between wooden beams thanks to special grooves designer and patented.



## A NEW WAY TO REDESIGN THE SPACES

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A revolutionary idea that transforms roofs and slabs into a customized architectural project and embellishes the interiors.

The supporting structural component determines and defines the spaces and finishing elements and gives them emotion.



## THE DECORATIVE PANELS OF DESIGN

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The decorative design panels that create the Loft System, give life to collections that play on inspirations, atmospheres, and different subjects, with a strong visual and creative impact.

The result is an incredible ideal artistic-decorative effect to transform the interior.



## PATENTED SYSTEM

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The first patented false ceiling system removable and customized for wooden roofs and slabs.

## TRANSFORMS YOUR LOCATION

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It was created to respond to the need for change.

## DESIGN, ART, AND DECORATION

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From a simple false ceiling to a design product that furnishes and completes any location.

## EASY AND PRACTICAL

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Practical answer for an innovative design and to simplify technical needs.



Plus



### FUNCTIONALITY & PRACTICALITY

It allows obtaining a space where to hide cables, installations, security systems and to place heat-insulating and sound-absorbing panels, creating inspection areas simply and practically.



### COMFORT & SAFETY

It improves the acoustic and thermal comfort of the rooms and on request, it can become an excellent solution for adapting new structures to fire regulations, by installing special fire-resistant panels.



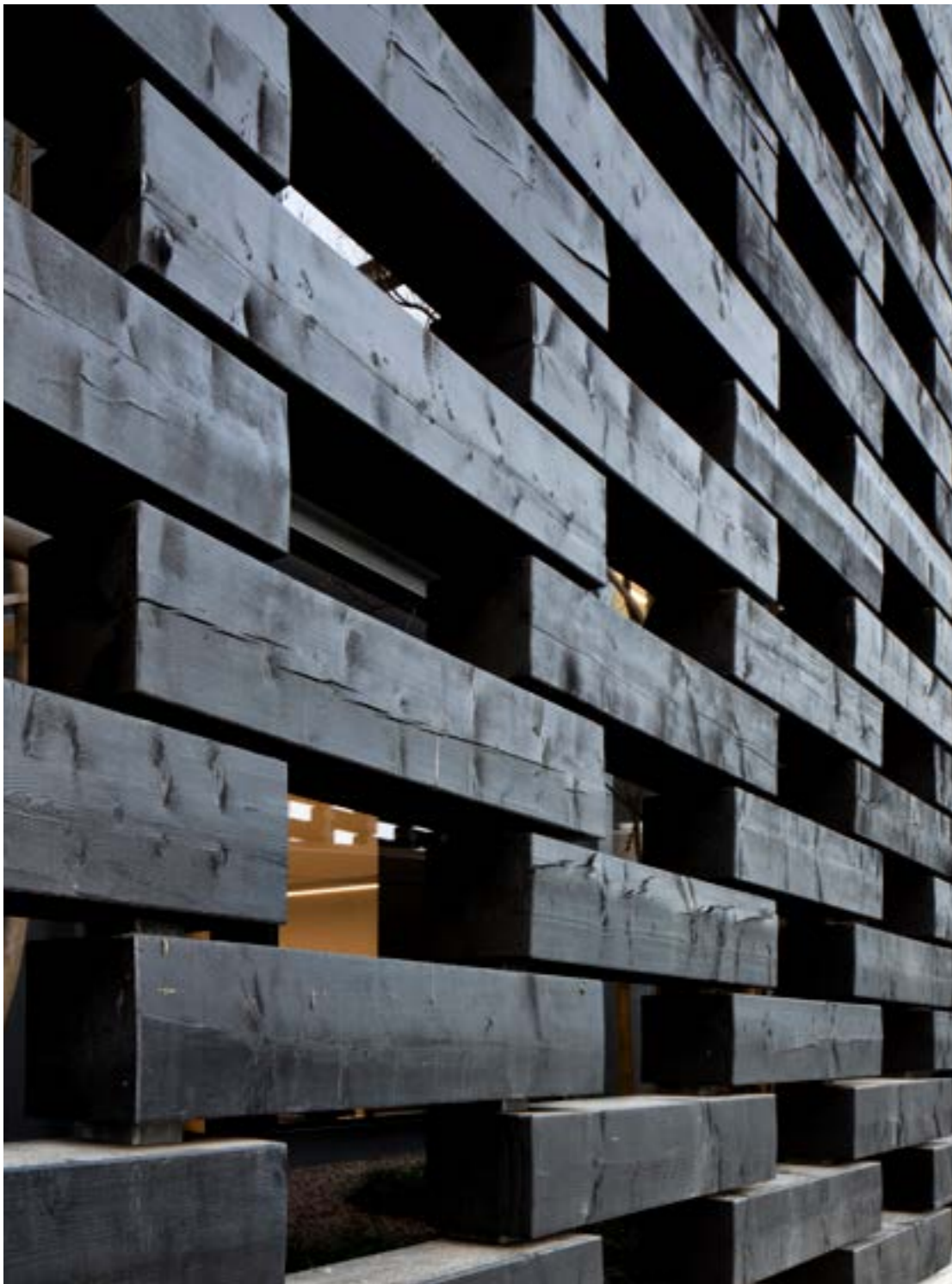
### APPEARANCE & VERSATILITY

There is no limit to the customization of the panels, both in the choice of materials and colors, textures, and patterns. Versatility allows the designer to express the full potential of his vision.

# 5. Wooden Structures



& Special Realizations



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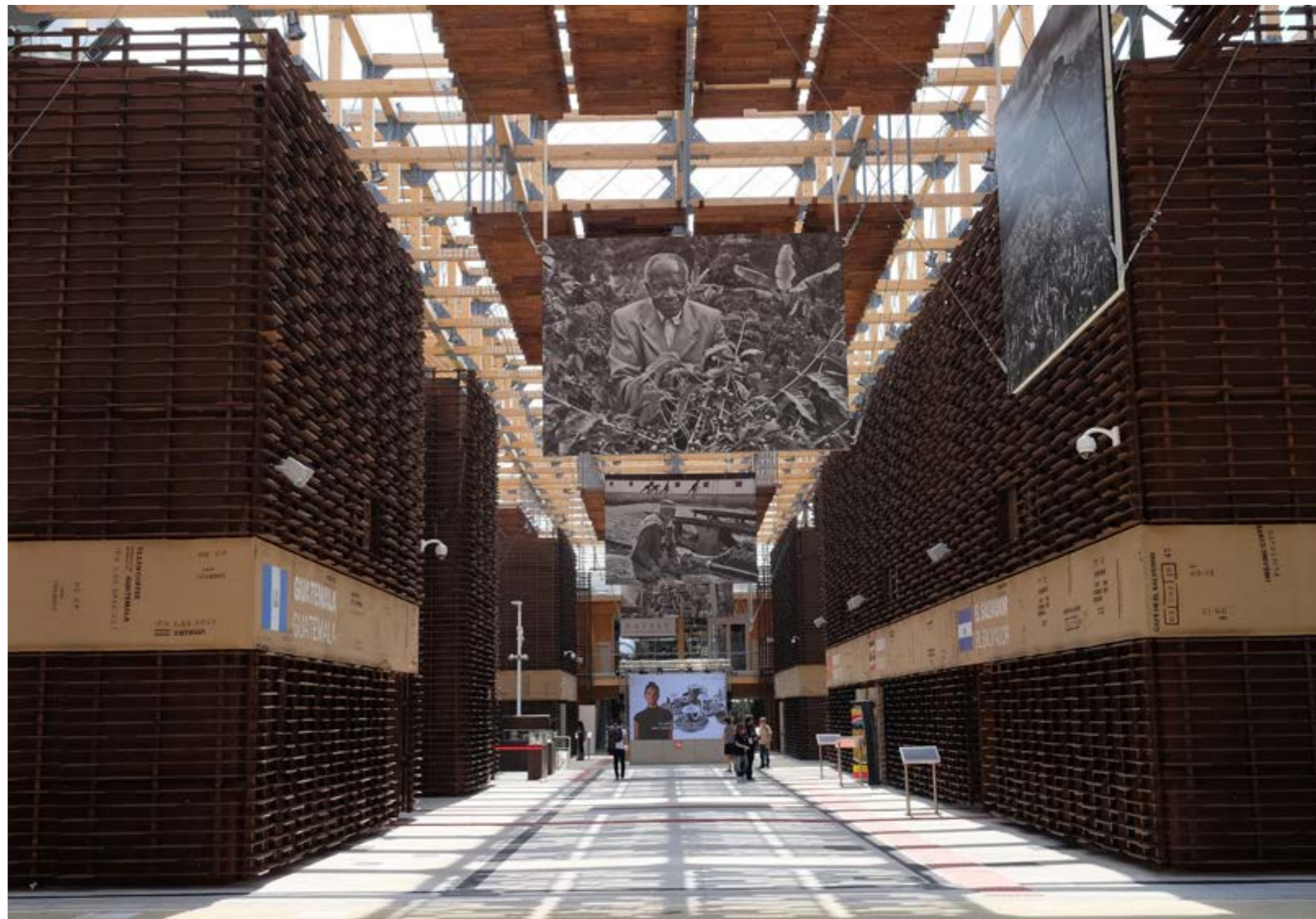
## When art and tradition of wood meet architectural innovation

We are specialized in making any kind of special construction to offer to the customer a complete service that denotes our expertise in designing works of great prestige.

We can design, cut, and assemble gazebos, arcades, verandas, pergolas, wind walls and sunshades and bridges, large load-bearing structures, special constructions also with curved beams in laminated wood.

Our creations can have any type of manufacturing, finish, and color, and they come made following the requests of our customers, private citizens, companies, construction companies, engineers and surveyors, architects, designers.





## Passion, determination, entrepreneurial vision

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The history of Grosso SRL begins in 1968 from local small carpentry. Passion for woodworking, determination, and the entrepreneurial vision has pushed us to grow over the years, renew ourselves, and adapt to the evolution of modern constructions. We propose ourselves today as the expert construction partner in timber capable of developing architectural projects and wooden structures with a high level of customization.

## Our Mission

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We are convinced that the high quality of our commissions (products and services), is the foundation of the company's commercial success and the way to consolidate our image on the market. It is our goal to ensure a precise and punctual service with products and services always compliant with what is requested and expected, through the promotion of the quality policy at all levels of the company organizational chart.

# ABOUT US







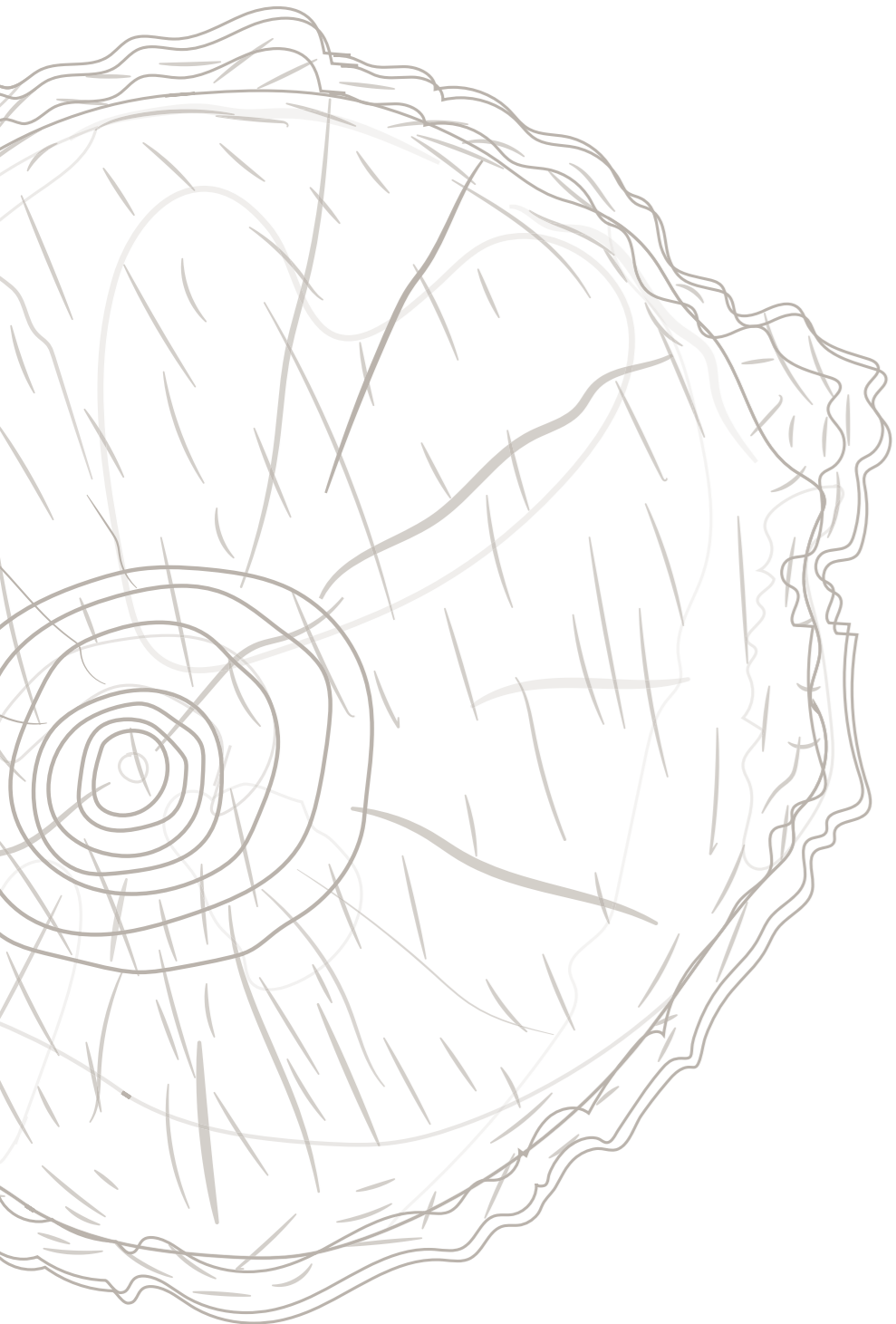
## Quality Policy

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The concept translates into continuous involvement and training of our staff up to arrive at a direct observation on the field of customer satisfaction level.

The intention of Grosso remains intact, strong of the own know-how acquired in all these years, of continuous investments in research and new products for always being at the forefront and to innovate the field, within an increasingly demanding targeted market in search of the quality of living in harmony with nature.





## Sustainability of the Wood supply chain

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The focus on the sustainability of the wood supply chain is everyone's responsibility: we deeply believe it since the worldwide woodland and forestry heritage is an integral part of our story. To protect and pass on to future generations this priceless heritage, is necessary to make business decisions that coexist with sustainable choices.

The selection of certified sources of supply is one of the keystones for a sustainable business. For these reasons, we select our suppliers on their environmental policies and to the PEFC™ certificates that guarantee a sustainable supply chain.

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CERTIFICAZIONI



# SERVICES



A **complete service**  
“turnkey”, from  
the estimation  
to the installation

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A concept that translates into a continuous involvement and training of our personal up to a direct observation on the field of the of customer satisfaction level.

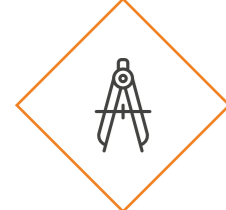
Grosso's intention remains intact, thanks to its know-how acquired in all these years, to continue investing in research and new products to always be at the forefront and innovate the field, within an increasingly demanding market aimed at the pursuit of quality of living in harmony with nature.



## ESTIMATION

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Through a commercial Grosso, we collect all the necessary data for the estimation: project work, specifications, and indications of the client to allow us to prepare a detailed offer of the structure to build. Our collaborators then provide all the information and explanations till the signing of the contract.



## SITE SURVEY

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A qualified technician arranges for an accurate site survey based on which the drawings of the structure will be drawn up. In addition to the general plan of the building, we detect the positions and conformation of the buildings, masonry with any coverings, pillars, any slopes, or overhanging eaves already built. Everything is documented through some photos of the construction site.



## TECHNICAL DESIGN

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Based on the survey carried out and the project documents provided by the client, a technician in charge proceeds, with the help of specific software, to the creation of an executive design which will then be submitted to the customer for approval. The print-out contains the instructions for setting up the masonry structure/foundations to accommodate the wooden structure (heights, slopes, positions, sections, etc.). Once verified together with your trusted technician and the construction company, the correspondence of the print-out, the customer will return a countersigned copy for acceptance of the same.



## PRODUCTION

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Based on the agreed project, all the necessary documentation is prepared for cutting the wooden structure through the use of a numerical control machine. Any processing and/or finishes details can then be made manually by expert carpenters. Each component comes arranged with precision and numbered, accompanied by a technical drawing in order to compose a real assembly kit. Any structures assembled are also prepared to accelerate the assembly work.



## INSTALLATION

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All the material is transported to the construction site, where qualified teams provide for its installation as prescribed in the assembly drawings. First of all, a preliminary check of the structure is carried out and then proceed to the installation of the wooden structure and its fixing. We will proceed in close collaboration with the construction company to optimize work times.



## POST-SALES

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We dedicate ourselves to your project with passion, that's why we will follow your requests even once the installation on site has been completed and our sales and marketing staff will be always available to respond to your every need and question.



**Grosso Srl**

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We thank all the customers who collaborated with the photo references in the creation of this catalog.  
Further information on the locations is available on the website [www.grossolegno.it](http://www.grossolegno.it)



