

MANNI GROUP

# WINE & STEEL

Design  
Efficiency  
Sustainability

*For the winery of the future*



**MANNI GROUP**  
BUILDING FUTURE





**Ornellaia**

*Località Ornellaia  
Castagneto Carducci, Livorno*





# THE WINERY OF THE FUTURE

## BEAUTIFUL, EFFICIENT, SUSTAINABLE

Technology, design and sustainability; these are the cornerstones of the winery of the future, a welcoming place where the ancient winemaker's art marries with the modernity of the present. A place that personifies meeting, sharing and friendliness, immersed in a rich and pleasing natural environment.


Inspired by the Italian tradition of winemaking and the beauty of the countryside, Manni Group reinterprets the Winery of the Third Millennium, an icon of harmonious shapes and spaces capable of seamlessly interacting with the surrounding landscape, and producing an architecture in which design is the essence.

# A MEETING OF EXCELLENCE

STEEL ELEMENTS, INSULATING PANELS,  
ENERGY EFFICIENCY FOR THE WINERY OF THE FUTURE

Elegant, solid and sustainable steel structures, metal panels for insulation and protection, photovoltaic systems and solutions for energy efficiency: when the passion for both design and the earth combine, a product is created that is as unique as the treasure it contains; the wine.

The companies of Manni Group offer the best constructive solutions for extending or redeveloping environments where professionals in the art of wine-making can fully express their knowledge and skills. Their in-depth understanding of issues relating to efficiency and energy-saving present an integrated solution that combines functionality and aesthetics with the benefit of dealing with a single partner.



Tenimenti Angelini Tre rose Montepulciano  
*Località Val di Cava / Montalcino, Siena*

## THREE COMPANIES AT YOUR SERVICE

### MANNI SIPRE

Italian market-leader for pre-machined steel elements, components and structural systems for buildings.

### ISOPAN

European market-leader in the production of insulating metal panels for walls and roofs.

### MANNI ENERGY

Designs and manufactures photovoltaic, wind power and biogas turnkey systems; offers advice on energy efficiency.



# A NEW STYLE FOR YOUR WINE CELLAR

"My vision is of a business that is able to preserve the environment in which it is located, rather than exploit it. This is how Podernuovo a Palazzone almost 'disappears' into the hillside. I wanted to minimise the building's impact on the environment by using the most innovative technologies and the most sustainable materials, also then applying that same concept to production. Technology and sustainability are the key factors today in making it possible to employ a product-excellence approach".

*Giovanni Bulgari, Chief Executive Officer of Podernuovo a Palazzone*





**Podernuovo a Palazzone**  
*San Casciano dei Bagni / Siena*

# EFFICIENCY

Isopan offers the widest range of insulating, protecting panels for any type of structure, in harmony with its surroundings. Systems with a rustic and traditional flavour, such as Isocappotto for the walls and Isodomus for roofs, or high-tech solutions, such as ArkWall ventilated facades, make the winery more efficient, reducing energy consumption and enhancing brand image. Manni Energy's advice service facilitates the optimisation of costs and elimination of waste: solar panels and LED lighting improve both energy and financial savings, making your business self-sufficient.

# SUSTAINABILITY

Reducing your company's environmental impact is easy with Manni Group. Resistant, ductile and flexible steel used in construction can be recycled and re-used. A well-insulated building with metal panels requires less energy and reduces air conditioning costs and environmental emissions. Replacing asbestos roofing Gruppo Manni products, expenses are deductible and at the same time your business becomes safer and more attractive.



# DESIGN

Renovating an existing production facility, creating a reception area, involves designing new functional spaces that will enhance the interaction of supply and demand and upgrade your brand. Guests will appreciate the functionality of the areas created, the efficiency of the facilities, the quality of the materials chosen and the technical solutions adopted in respect of the environment. With Manni Group, wineries can look to the future; become 'signature wineries', perfectly integrated with the natural landscape.



**Tenimenti Angelini Tre rose Montepulciano**  
*Località Val di Cava / Montalcino, Siena*

# Podernuovo a Palazzone

San Casciano dei Bagni, Siena

- Isocop Roof (280 sq.m)
- Photovoltaic System (23,000 kWh / year)

REDUCTION OF 12 TONS / YEAR OF CO2  
ATMOSPHERIC EMISSIONS





# Tenimenti Angelini Tre rose Montepulciano

Località Val di Cava / Montalcino, Siena

- Replacing asbestos roofing with corrugated sheet
- Reinforced steel substructure
- Lateral infilling with Isoparete
- Fuel deposit floor construction with Isofire Wall and Roof
- Installation of access doors

**ASBESTOS REMOVAL, NATURAL LIGHTING,  
FIRE-RESISTANCE**





# Ornellaia

Località Ornellaia  
Castagneto Carducci, Livorno

- Lateral infilling with Isoclass using concealed fastenings

**THERMAL RELEASE REDUCTION  
AND AESTHETIC REDEVELOPMENT**





# Bergamini

Località Ca' Nova / Colà, Verona

- Isodomus Roofing
- Perimeter infilling with Isocappotto

**THERMAL RELEASE REDUCTION, A SOLUTION THAT RESPECTS THE ARCHITECTURAL LIMITATIONS OF RURAL AREAS, 20% SAVING IN ENERGY COSTS COMPARED TO A MASONRY STRUCTURE**





# Soc. Agricola Martignago

Maser, Treviso

- Isodeck PVSteel Roofing
- Perimeter infilling with Isorigie
- Isopan Safe Life Line

THERMAL RELEASE REDUCTION, AESTHETIC REDEVELOPMENT, SAFETY DEVICES







**Soc. Agricola Martignago**  
*Maser / Treviso*



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