



VINEYARD SYSTEMS





PRODUCTS DESIGNED FOR A FUNCTIONAL AND LONG- LASTING VINEYARD

A modern vineyard system should be carefully planned and constructed to make cultivation easier, particularly mechanical grape harvesting. For this reason, once the specific requirements of the system are defined, it is essential to select the best materials to ensure resistance, functionality, and long-term durability.

EXPERIENCE AND PROFESSIONALISM TO HELP YOU MAKE THE BEST CHOICE

Valente has been producing vineyard posts for over 60 years, gradually expanding its range to become one of the few manufacturers able to offer customers a complete turnkey system that fully meets both agronomic and business needs.





PRODUCTS AND SOLUTIONS FOR OPTIMAL VINEYARD MANAGEMENT



IRON POSTS

Valente iron posts are the best choice for building resistant, long-lasting vineyards with highly mechanized harvesting. Our galvanized iron posts are manufactured in-house in our metal work department, where steel is processed and transformed using dedicated machinery and two automatic rolling lines that shape, drill, and cut up to 5,000 galvanized posts per day.

The innovative geometry of the profile, with new reinforced ribs, ensures our posts to be highly resistant, flexible, and elastic. All our vineyard posts undergo stringent anti-corrosion tests, successfully passing laboratory trials.

PRODUCT RANGE

- EKO POSTS** Galvanized and powder-coated in brown.
- ZAC POSTS** Hot-dip galvanized.
- ONE POSTS** Continuous hot-dip galvanized Z275.
- TEN POSTS** Self-protecting steel in COR-TEN-type copper alloy.



ANCHORAGE

The structures we build are connected by wires and cables and must therefore be anchored to the ground to ensure proper row tension.

For this reason, elements are required, one fixed into the ground, to provide adequate support and stability. They are available in different shapes and sizes to adapt to varying soil types and resistances.



GALVANIZED HELICAL ANCHORS

The helical anchor consists of a rod with an eyelet at one end and a helical-shaped metal plate welded to the other.

Once screwed into the ground, it allows the attachment of anchoring wires or cables of the head post of a vineyard system.



STEEL PLATES AND RODS

This type of prefabricated anchorage consists of a rod and a reinforced concrete plate.

It is used in soils containing gravel or rock, or in very sandy soils.



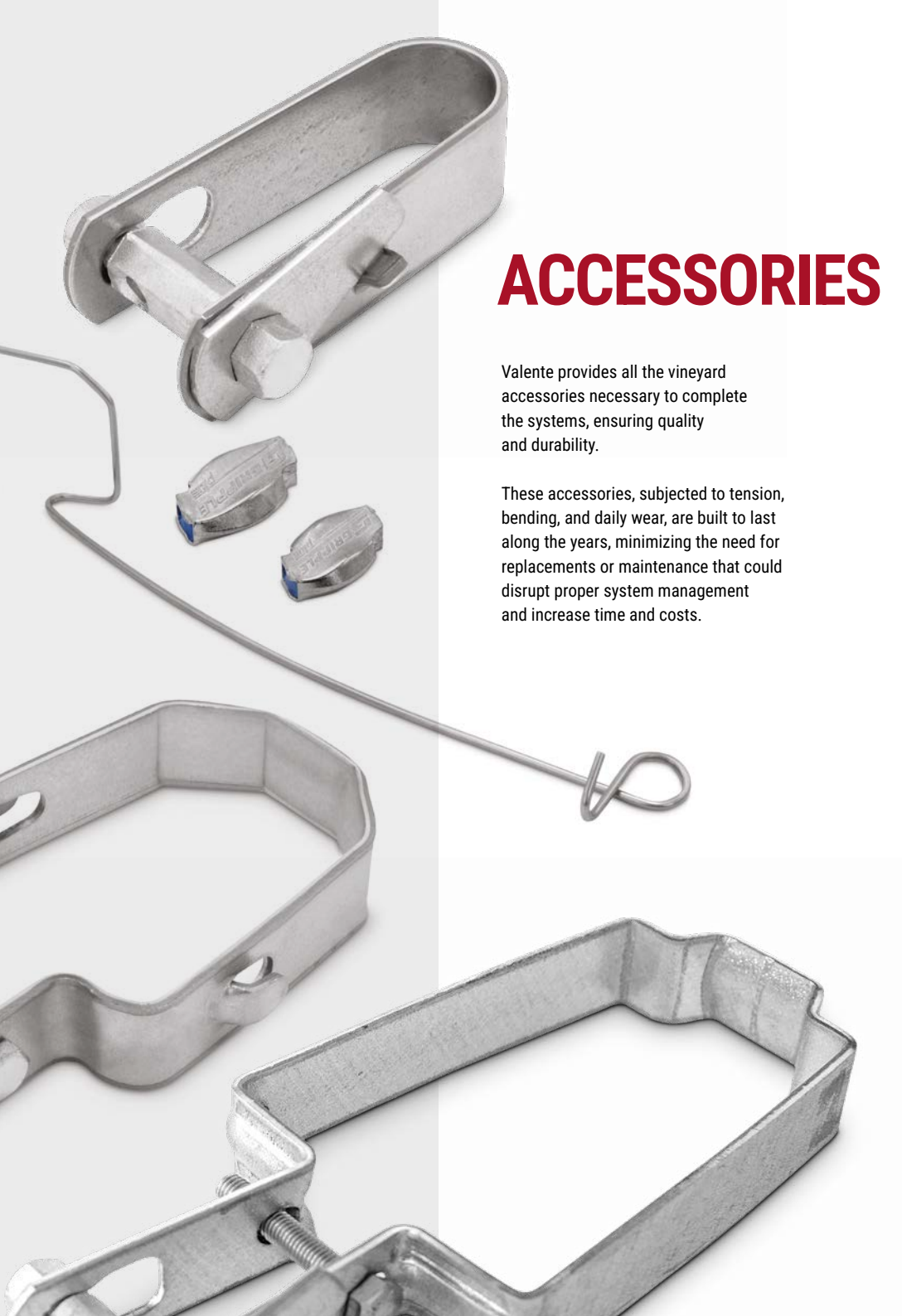
WIRES AND CABLES

Stringing a vineyard requires careful attention to the choice of wires and cables, which are the key elements in the construction of our structures.

The cables, connecting the posts to the anchorage systems, are made of interwoven hot-dip galvanized steel wires, a material that provides high resistance, low elongation, and long-term durability thanks to the zinc coating, reducing the need for frequent re-stringing or non-routine maintenance. The wires connect the two ends of each row, creating a continuous support system for the plants.

Valente galvanized steel wires and cables are designed to withstand the effects of corrosive substances in the environment, maintaining their mechanical and physical properties throughout the system's lifespan.

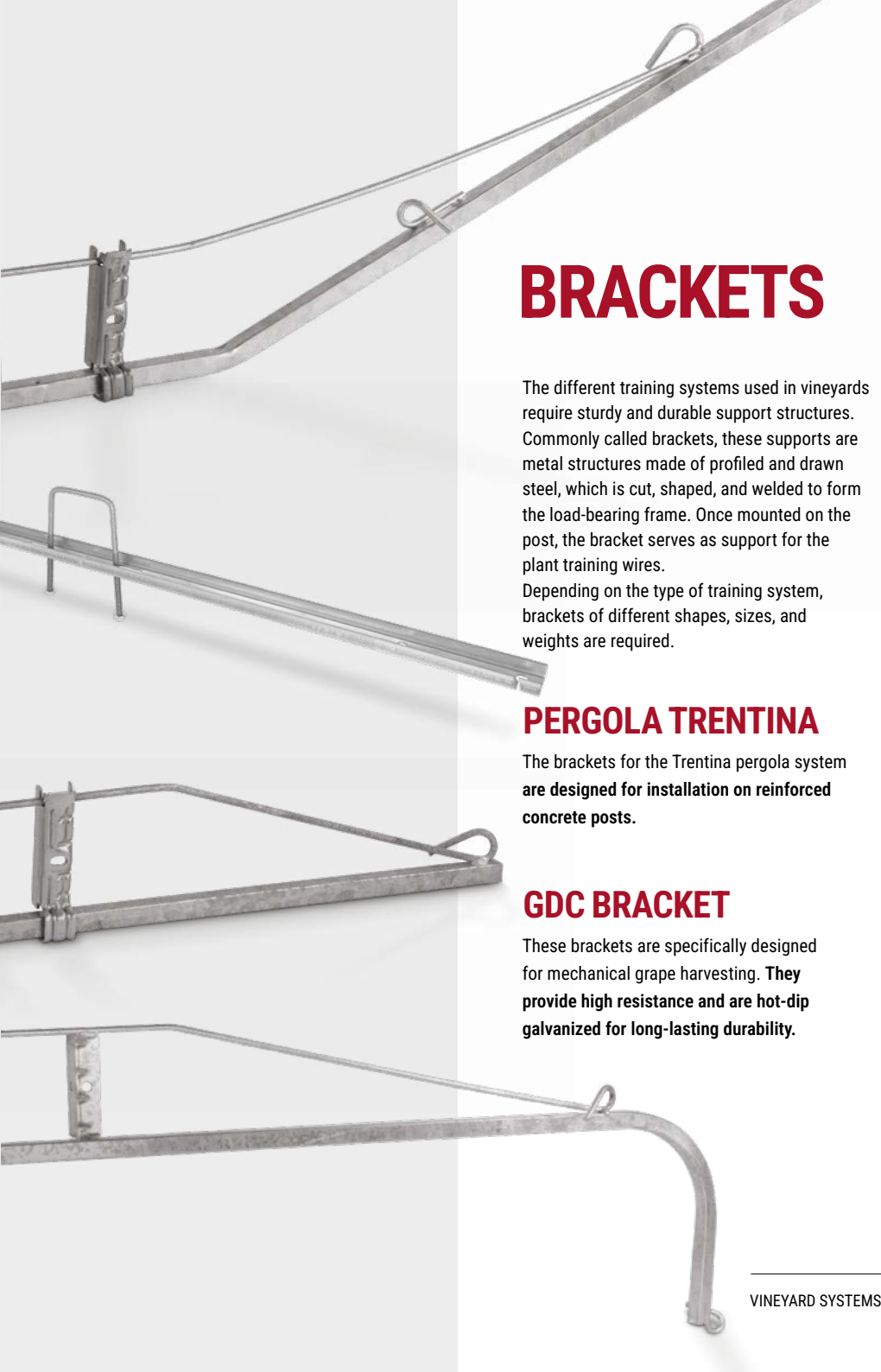




ACCESSORIES

Valente provides all the vineyard accessories necessary to complete the systems, ensuring quality and durability.

These accessories, subjected to tension, bending, and daily wear, are built to last along the years, minimizing the need for replacements or maintenance that could disrupt proper system management and increase time and costs.



BRACKETS

The different training systems used in vineyards require sturdy and durable support structures. Commonly called brackets, these supports are metal structures made of profiled and drawn steel, which is cut, shaped, and welded to form the load-bearing frame. Once mounted on the post, the bracket serves as support for the plant training wires. Depending on the type of training system, brackets of different shapes, sizes, and weights are required.

PERGOLA TRENTINA

The brackets for the Trentina pergola system are designed for installation on reinforced concrete posts.

GDC BRACKET

These brackets are specifically designed for mechanical grape harvesting. They provide high resistance and are hot-dip galvanized for long-lasting durability.



OUR EXPERIENCE FOR THE PROTECTION OF YOUR VINEYARD



ValenteProtect® **HAIL**

Adverse weather, especially hail, increasingly damages vineyards, sometimes permanently, reducing or even eliminating the vine grower's income. Anti-hail coverings for vineyards are therefore designed to protect grapes from hail damage, while also offering benefits against birds, animals, and sunburn. ValenteProtect®Hail system for vineyards ensures maximum protection from adverse weather and environmental conditions and is available in two different types.

TENDONE

This is a complete covering composed of a tensile structure made of prestressed reinforced concrete posts, connected by steel wires and cables, and held under tension by special anchors driven into the ground. Anti-hail netting is installed over this structure, fully covering the vineyard rows to protect them and provide optimal resistance to adverse weather, including severe conditions.

SINGLE-ROW

This system is designed to protect production while allowing the use of overhead machinery for vineyard operations, particularly mechanical harvesting. The covering system completely encloses each individual row, providing impermeability and protection from hail and small-to-medium-sized insects (even in high concentrations).



WHY CHOOSE VALENTE VINEYARD PRODUCTS

A SINGLE SUPPLIER

From the design to the construction of a complete system. We began more than 60 years ago with the production of vineyard posts, gradually growing to become one of the few manufacturers on the market capable of providing customers with a turnkey system that fully meets their agronomic and business needs.

MORE THAN 5,000 POSTS PRODUCED PER DAY

Our galvanized iron posts are manufactured in-house in our metal work department, where steel is processed and transformed using dedicated machinery and two automatic rolling lines that shape, drill, and cut up to 5,000 galvanized posts per day.

SIKURO WARRANTY

Want to build a vineyard to the highest quality standards on the market, with protection guaranteed against adverse weather conditions? Simply combine your Valente system with the *Sikuro* warranty. The warranty covers damage caused by hail, strong winds, hurricanes, storms, tornadoes, lightning, and snow. Top-quality materials, expert installation, and full coverage against all weather conditions.

INNOVATION AND QUALITY

There is no innovation without tradition. Since our founding, we have followed a dual path: strengthening and refining what works, while constantly exploring new solutions to improve viticulture. This policy of steady progress has allowed us to stay ahead of the curve and continue to deliver top-quality products to our customers.

RELIABILITY AND DURABILITY

All our vineyard posts have been subjected to rigorous anti-corrosion tests, including exposure to salt spray combined with the main chemicals used in agriculture, with all tests passed with flying colours. The innovative geometry of the profile, together with high-quality construction, ensures resistance, flexibility, and elasticity, guaranteeing stability in the vineyard and preventing vine rows from tilting.

EASY SYSTEMS

From installation to maintenance, simple and safe. Feedback from our customers confirms that our systems are quick and easy to install, saving vine growers valuable time and money. Annual maintenance, such as re-tensioning wires and cables, and any non-routine work is straightforward thanks to a system designed with care and equipped with the necessary accessories.



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