

# Steel post that respects the environment: steel post ecological



accessories for vineyards and orchards

## TECHNICAL SPECIFICATIONS

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From the research the **ECOLOGICAL** pole is ideal for the realization of plants in protected or particularly striking areas where the environmental impact has a great importance. It is recommended as intermediate pole for the realization of vineyards with a wire frame, the pole is ideal for the mechanical processing, due to the steel great flexibility and elasticity.

### STEEL

The **ECOLOGICAL** pole is made by forming, stamping and subsequent powder varnishing, starting from structural steel bands DX51D with high yield strength, such as those used in the automotive field. Steel is 100% recyclable and therefore does not present disposal problems.

### ERGONOMIC SHAPE

The innovative shape of the profile with reinforcing ribs has a performance, in terms of mechanical resistance, much higher than the standard ones. The rounded shape, with hooks rows placed in the internal side of the profile, does not provide any sharp side to the mechanical parts of the harvest machines. The profile open on one side provides a greater stability in the ground. The indication with notches at 70 cm, 80 cm and 90 cm facilitates the installation of the pole to the desired depth.

### CORROSION RESISTANCE

To guarantee greater durability and resistance to weather conditions and bacteria, the **ECOLOGICAL** pole surface is protected by a continuous hot zinc coating and through an additional coverage of about 60 micron thick in eco-friendly polyester of brown colour, applied with the powder varnishing technique.

This technique consists in making the coloured powdered polyester adhere to the surface of the steel and baked at a temperature that can reach 210 degrees. The pole has given excellent performances in terms of corrosion resistance during chemical tests of durability such as: salt fog, acetic salt fog, humidity cycle, sulfur dioxide and chemical resistance.

The pole provides:

- High resistance to corrosion than conventional galvanized steel sheet
- Anticorrosion and environmentally friendly varnishing
- Low environmental impact from an aesthetic point of view

### NEW ANTI-RELEASE SYSTEM

To enable a fast assembly of the **ECOLOGICAL** pole it has support hooks for the wire with antirelease device: double and inclined reinforced hooks, with rounded and ribbed tongues, so as not to allow the harvest machines to deform them. The inclined cutting of the hooks allows to insert and remove the wire quickly and without the need to bend it a lot.

In particular, in the vineyards of hilly areas, the metal pole must be installed with the open profile facing upstream; this is because the cutting of the hook has an inclination opposite to the ground slope to avoid the accidental release of the wire.

## PRODUCTS AVAILABLE:

SECTION	TRICKNESS	WEIGHT/M
52X40 mm	1,30 mm	1,23 Kg.
52x40 mm	1,65 mm	1,60 Kg.
62x40 mm	1,30 mm	1,40 Kg.
62x40 mm	1,65 mm	1,78 Kg.