

Steel post



accessories for vineyards and orchards

TECHNICAL SPECIFICATIONS

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The steel pole has high performance in terms of long life mechanical strength. It is recommended as an intermediate pole for the creation of vineyards rows and it is primarily used in cases of mechanical processes, due to the steel great flexibility and elasticity.

STEEL

The STEEL pole is produced by forming, stamping and varnishing, starting from stainless steel sheets with high tensile and yield strength. This helps to guarantee the duration of vineyards where the harvest is performed by the machines. Steel is fully recyclable and it is not a problem in terms of disposal.

ERGONOMIC SHAPE

The innovative shape of the profile with reinforcing ribs allows to increase the flexural strength already provided by the raw material used.

It does not have any angularity since the hooks rows are placed in the internal side of the profile, and the open form on one side allows a greater stability of the pole itself once sunken in the ground. There is also the possibility to provide notches in the pole end at 70-80-90 cm in order to facilitate the installation of the pole to the desired depth.

CORROSION RESISTANCE

The resistance to severe weather conditions, to humid environments and aggressive atmospheres with the passing of time, is guaranteed by the association of an innovative hot galvanized coating and an additional polymer coating.

The double coating provides the steel sheet a greater protection against corrosion. Furthermore, during the threat of external agents, the chemical composition of the coating triggers a dual mechanism of defense. First of all, the coated sheet, if affected, forms a passivating barrier that prevents generic corrosion, and secondly, when exposed to humidity, it takes place a galvanic effect of migration of ions towards the fracture of the coating, further repairing the sheet against external agents. This is how the coating has the extraordinary characteristic to "self-heal."

The coating guarantees:

- Resistance to corrosion from 3 to 7 times higher than traditional hot galvanized steel sheets
- Surface aesthetics unaltered during the time
- Protection of cut edges and in the presence of lines

ECO-FRIENDLY PROTECTIVE PAINT

The part of the pole which goes underground and therefore subject to corrosive attack of chemical residues of fertilizers and pesticides, has an additional ecological protective coating, achieved by immersion deposition of water-based paint with a resin basis and subsequent forced drying at hot temperature.

NEW ANTI-RELEASE SYSTEM

To enable fast assembly of the plant, the STEEL pole has support hooks for wires with anti-release device: reinforced double and inclined 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 too much. 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.

The hooks of the wires have a pitch of 100 mm between a hook and another, with the first hook placed at 50 mm from the head of the pole.



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.