



Joiners and tensioners

Farm and Livestock Line

Made
in Spain
(EU)

MAXTENSOR® is ideal for:



Farms

- ✓ Vineyards trellising
- ✓ Fruit trees trellising
- ✓ Vegetables
- ✓ Greenhouses
- ✓ Gardening



Livestock

- ✓ Fencing
- ✓ Electric fencing
- ✓ Barbed wire fencing
- ✓ High tensile steel fencing

Tips for use

When planning the installation with Maxtensor® connectors and tensioners, you must take into account the following tips for use:

- ✓ The range of connectors and wire tensioners are usable with many of the wires for agricultural use on trellises, fences, or support wires. Given the variety of types of wire existing in the market, it is recommended to consult the technical department of Maxtensor Internacional S.L. on which would be the most suitable product depending on the application and the type of wire used.
- ✓ Do not use the product outside the recommended range of diameters.
- ✓ Do not exceed the load limit of any product.
- ✓ It should be taken into account that dirt, chemicals and insects, among others inside the product, can jeopardize the proper functioning of the device.
- ✓ Leave a minimum length of 10 cm from the free end of the wire to the outlet hole of the product.
- ✓ The indicated load limit is a static load value, and depends on the type of wire and diameter used. If you think that the product will be subject to high loads, use wire diameters close to the maximum value of the range indicated on the product. In case of doubt, it is recommended to consult the technical department of Maxtensor Internacional S.L. on which would be the most suitable product depending on the application and the type of wire used.
- ✓ It should be taken into account that the dynamic loads produced by the wind, impacts, vibrations, can significantly increase the service loads on the wire affecting the operation of the product.
- ✓ Secure free ends of excess wire.
- ✓ Check the installation status regularly.

Terminators and Tensioners

The best solution for connecting and tensioning the wire to the end-line posts, through-post and around-post tie off applications.

- ✓ Manufactured with high quality materials to ensure long useful life
- ✓ Made with all metal components
- ✓ Robust, reliable and long-lasting
- ✓ High mechanical strength and corrosion resistant
- ✓ Reusable



Technical characteristics of the MAXTENSOR® terminator and tensioner line:

Model	Recommended maximum load	Range of wire diameter
MX1	400 kg (880 lb)	1.8 to 3.2 mm (0.07 – 0.13 inches)
MX1-WP	400 kg (880 lb)	1.8 to 3.2 mm (0.07 – 0.13 inches)

mx1



mx1-WP



Wire protection device included!

The MX1-WP tensioner prevents scratches and cable breakage.

Features

The **MAXTENSOR® MX1** and **MX1-WP** terminators and tensioners are specially designed to connect and apply tension to end post wires.

These are equipped with a single borehole, which along with its special design, offers an excellent and optimal solution for connecting wires to farm trellises and livestock fencing and corners.

Functionality and Installation

The terminators and tensioners attached to a post or perforated anchor element, enabling subsequent cable tensioning using **MAXTENSOR® MX-AC** and **MX-FV** tensioning tools.

The internal mechanism of the terminator and tensioner enables free passage of wire in the direction of the arrow, and it is blocked immediately when it is pulled in the opposite direction.

It is advisable to leave at least 10 cm at the free end for re-tensioning, should it be required.

Safety first

The MAXTENSOR® terminators and tensioners are safe.

They have a practical borehole to protect the wire end. Thus, preventing scratches or pinching.

Joiners and tensioners

The best solution for joining and tensioning wire.

mxs2



mx2



mx2-DT



MXL2



Now with a wire loosening function!

Adjustable and may be re-tensioned frequently.

Features

The **MAXTENSOR® MX2, MXS2, MXL2** and **MX2-DT** joiners and tensioners are specially designed for joining and tensioning wires on vine trellises and wire meshes on farm and livestock fencing. It also enables damaged sections of vine trellises, fencing and enclosures, among others, to be repaired.

There is a small separation between cables, facilitating insertion and tensioning, while enabling comfortable placement of the tool, in addition to protecting the wires against premature corrosion.

Functionality and use

The internal mechanism of the **MAXTENSOR® MX2, MXS2, MXL2** and **MX2-DT** tensioners and connectors enables free passage of wire in the direction of the arrow, and it is blocked immediately when it is pulled in the opposite direction.

They have two entry holes opposite each other through which the wires are fed. Once connected, the system may be tightened more firmly by pulling one of the wires using the **MAXTENSOR® MX-AC** and **MX-FV** tensioning tools.

Leave a minimum length of 10 cm from the free end of the wire to the outlet hole of the product. (**Fig.1**)

Adjustment and loosening of wire (MX2-DT)

MAXTENSOR® MX2-DT uses a combination of **MAXTENSOR® MX-HDI** and **MX-HDIM** tools to adjust and loosen the wire.

To release the wire, the loosening wrench must be inserted into the smaller hole and then press until the wire holding mechanism is released. (**Fig.2**)



Fig.1 Tensioning of wire

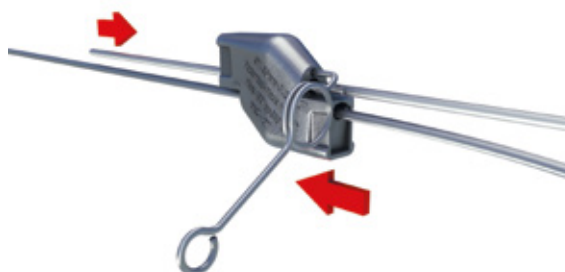


Fig.2 Adjustment and loosening of wire (MX2-DT)

Technical characteristics of the MAXTENSOR® tensioner and connection line:

Model	Recommended maximum load	Range of wire diameter
MXS2	250 kg (660 lb)	1.3 to 2.2 mm (0.05 – 0.09 inches)
MX2	400 kg (880 lb)	1.8 to 3.2 mm (0.07 – 0.13 inches)
MXL2	600kg (1320 lb)	3,3 to 4,2 mm (0.13 – 0.17 inches)
MX2- DT	400 kg (880 lb)	1.8 to 3.2 mm (0.07 – 0.13 inches)

Tensioning tools

There are two models of MAXTENSOR® tensioning tools available:



MX-Ac

Manufactured in cast steel

For intensive use.

Recommended maximum load 350 kg.



MX-Fv

Manufactured in polymer and steel core

For moderate use.

Recommended maximum load 150 kg.

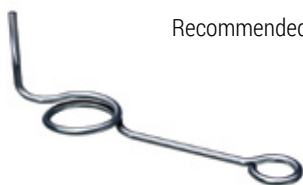
Loosening tools

There are two models of MAXTENSOR® loosening tools available:

mx-HDI

Simple and functional tool.

Recommended for moderate use.



mx-HDIM

Tool designed to be used in any working position, with straight and 90° angle tip.

Ergonomic handle for easy grip. Recommended for intensive use.



Connection accessories

Connection for wind cables



Wire rope loop with a diameter of 3 mm.
Available in lengths of 2 and 3 metres.

Element for mx3 double wire



MAXTENSOR® MX3 Technical characteristics:

Reference	exterior diameter	allowable cables diameter
MX3-D6	ø 6 mm	Maximum Ø 3 mm

MX3 characteristics

- Practical alternative to ratchet tensioners.
- Used in combination with the **MAXTENSOR® MX1** terminator and tensioner.
- Quick and easy installation, requiring neither tools nor hardware.
- Its cylindrical shape enables perfect orientation in the direction of the wire.
- Manufactured in stainless steel.
- May be used for any type of post.



General characteristics of MAXTENSOR® joiners and tensioners

01 Patented cutting edge technology

MAXTENSOR® is the only product that guarantees perfect tensioning and loosening of wire. Its patented system ensures minimal effort with maximum reliability. All MAXTENSOR® products have been designed for ease of use with reduced installation times and have a long useful life for both the product itself as well as the elements on which they are used.

02 Maximum quality and high-strength metal

All of our product components are manufactured using high-strength metal. The combination of zinc-aluminium, stainless steels and high-strength alloys make MAXTENSOR® capable of withstanding high loads, impact, vibration and harsh weather conditions in a trouble-free way. MAXTENSOR® products are manufactured in Spain under strict technical specifications ensuring maximum quality. MAXTENSOR® products are tested in independent laboratories under the most stringent use conditions ensuring functionality in severe conditions.

03 Reliable and safe blocking

MAXTENSOR® achieves perfect blocking of wire and remains resistant for years. The reliable MAXTENSOR® system functions flawlessly with any type of wire or cable. Its system is capable of offering maximum tensioning under the most extreme conditions. With millions of units sold worldwide, the patented MAXTENSOR® system has been widely tested and proven in different applications.

04 Installation of fences up to 70% faster

The MAXTENSOR® is easy to use and easy to install for trellises and fencing. MAXTENSOR® reduces installation time by 70% with respect to traditional systems. With MAXTENSOR® we reduce installation time while increasing profitability.

05 Reusable

MAXTENSOR® is a reusable product capable of tensioning and re-tensioning installations year after year. Due to the strength and durability of the product, you can repair and prolong the useful life of trellises and fencing with excellent results.

06 Compatible with the most common wires

The range of connectors and wire tensioners are usable with many of the wires for agricultural use on trellises, fences, or support wires.



The best solution for joining and tensioning wire for farming and livestock use.

At MAXTENSOR® we ultimately work to provide solutions for real wire tensioning necessities in the farm and livestock sectors.

We offer economic and reliable tensioning solutions with a quick and easy installation. Therefore, you can achieve greater profitability for your installations with maximum guarantees.

All of our products are manufactured in Spain (EU).



