



[www.coilwindingmachines.eu](http://www.coilwindingmachines.eu)

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Unit 5L, Delta Drive, Tewkesbury, Glos. GL20 8HB. United Kingdom.

## TH3- ELECTRONIC TENSIONER For Heavy Duty Winding Machines

### DESCRIPTION.

The TH3 is a floor standing style heavy duty tensioner. Suitable for wires 0.5 to 3mm in diameter.

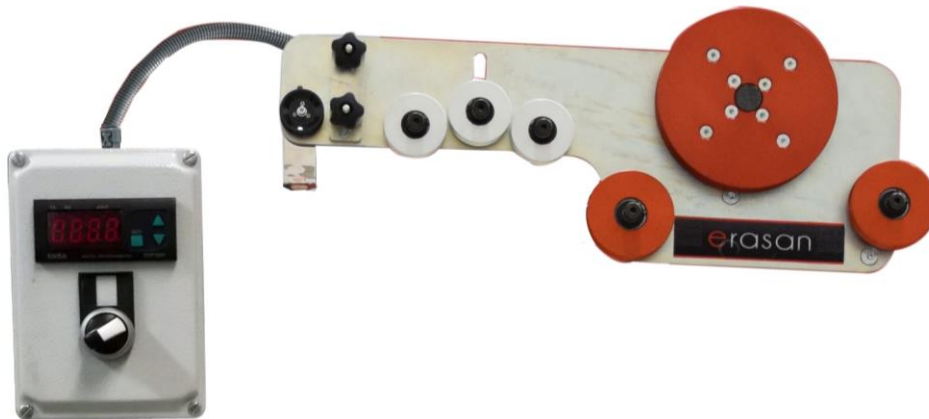
For maximum stability, provision has been made to enable this unit to be bolted to the floor.

The wire is perfectly guided as soon as it leaves the supply spool, through ceramic eyelets with soft felt pads and a set of adjustable pulleys to give the desired pre-tension, according to the thickness of the wire and without damaging the insulation.

The brake pulley is controlled by electrically powered braking system, giving **highly repeatable settings**, adjustable by digital potentiometer or integrated into the main winding machine software.

There are 2 different versions of the tensioner TH3.

The **TH3-S** (Standalone) version - This version is ideal to mount onto any machine; also available with the support stand.



The supply voltage is 230V single phase and the maximum power consumption is 25W.

We aim to be much more than a machinery supplier. Our team has a vast range of winding experience and is able to offer help and advice on all aspects of coil winding, from tooling design to machine choice and set-up.

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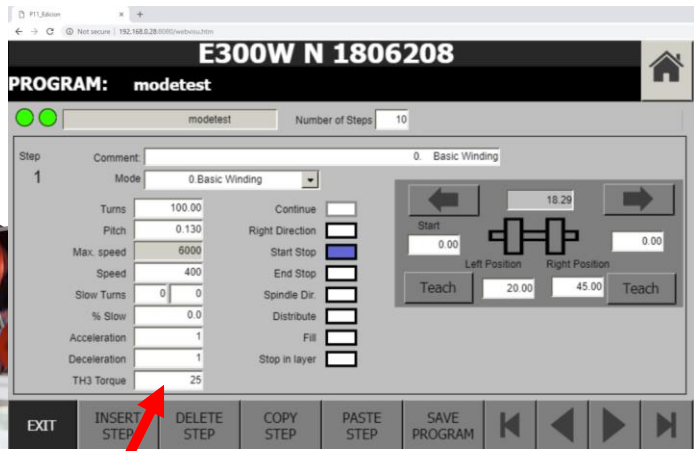
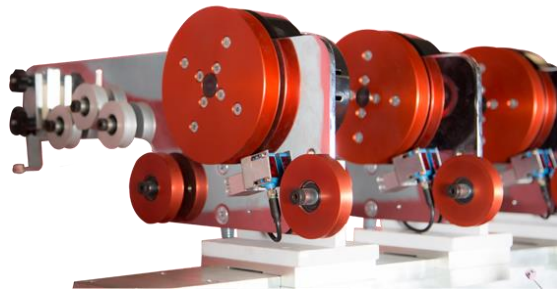
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In the TH3-I (integrated) full version, the tensioners are integrated with an Erasan winding machine and its controller.



Tension setting, Set from within each step of the winding cycle, and stored directly with the winding program. When changing program tensioner is instantly and reputedly setup.

## SPECIFICATION.

Model	TH3-S	TH3-I
Control Box	Yes	No (in winding machine program)
Floor stand	Optional	Optional
Erasan Machine Bracket	Optional	Optional

Maximum spool diameter ..... 500 mm  
 Maximum spool height ..... 650 mm  
 Working method ..... ELECTRICAL  
 Max. Torque ..... 12Nm  
 Diameter TH3 ..... 137 mm  
 Max. Tension ..... 18 Kg  
 Max. Speed ..... 2000 rpm  
 Min. Speed ..... 40 rpm  
 Max. Working Temp ..... 70° C  
 Dimensions (mm) ..... 670x540x1755  
 Weight ..... 95 Kg  
 DELIVERY TIME.....30-60 Days from order confirmation  
 (Please confirm at time of order)

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