

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.

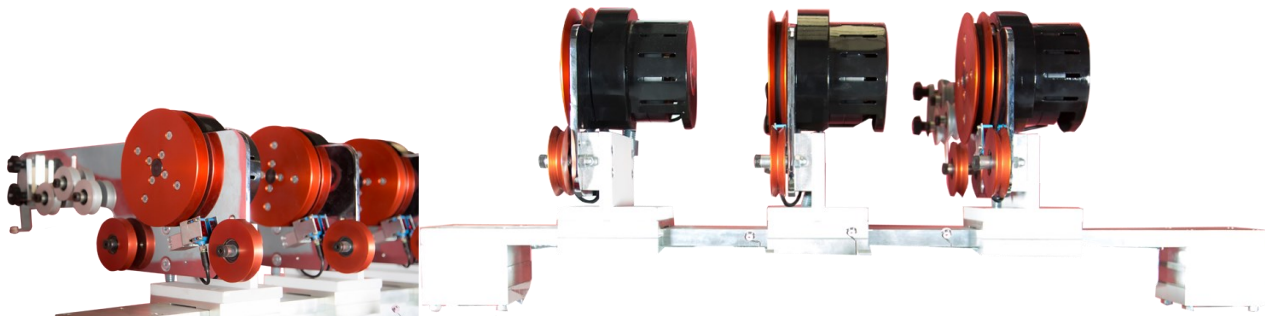
We aim to be much more than a machinery supplier. Our team has a vast range of winding experience and is able to offer help and advice on all aspects of coil winding, from tooling design to machine choice and set-up.

COIL WINDING SOLUTIONS YOU CAN RELY ON

WORKING WITH LOCAL PARTNERS IN THE FOLLOWING COUNTRIES; Austria, Czech Republic, Germany, Hungary, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden.

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

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



The tension is controlled from the machine's operating software, setting the desired tension independently for each winding and stored with that program / coil 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
 Power Supply _____ 220Vac - 50/60 Hz
 Dimensions (mm) _____ 670x540x1755
 Weight _____ 95 Kg
 Delivery Time _____ 30-60 Days from order confirmation
 (Please confirm at time of order)

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