



www.coilwindingmachines.eu

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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 3 different versions of the tensioner TH3.

In the **TH3-S** (Standalone) version, the tensioner is independent of the winding machine, and includes a small control box for regulation of the tension, which is set by adjusting a digital potentiometer.

The **TH3-SS** (Standalone Simple) version - This version is also available without the support stand and ideal to mount onto your machine traverse.



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.



In the **TH3-I** (integrated) **full version**, the tensioners are integrated with the 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-SS	TH3-I
Stand included	Yes	No	No
Control Box	Yes	Yes	No (in winding machine program)

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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