

Torque Controllers

Tristar wattage setting torque controller (TWTC Series)

Tristar introduces latest state of the art torque controller unit for tube expanding based on torque control by wattage setting. The new development is superior to the conventional torque unit based on current settings and has proven reliability and accuracy. These units are available in 2 models TWTC - 230 volts & TWTC - 110 volts



Features:

- ❑ Wattage based torque setting
- ❑ Accuracy in torque setting with a resolution of a watt, thus accurate results
- ❑ Soft start feature for all drives, reduces the sudden impact of starting on the drive unit. Life of drive unit and the Tube Expander increases
- ❑ Any drive connected is automatically recognised with a LED indication against drive model on the panel.
- ❑ Wattage range for 4 drives is automatically set when connected.
- ❑ Display of...
 - Drive wattage (Torque)
 - Set wattage (Torque)
 - Drive current
 - Line voltage
- ❑ Adjustable trip time (1 to 25 secs)
- ❑ Reverse time setting (1 to 25 secs)
- ❑ PC/Printer Compatible



Electric Drive Units:

Drive Model		Free Speed rpm	Expansion Range		Drive Weight (lbs)
230 v	110 v		S. Steel Tube O.D.	Copper Tube O.D.	
TMP0N	TMP0L	2500	6 - 10	6 - 12	6
TMP1N	TMP1L	850	10 - 16	10 - 20	8
TMP2N	TMP2L	450	16 - 25	19 - 45	15
TMP3N	TMP3L	300	20 - 65	38 - 77	25

SOLID State Torque Controller (TRSCP Series) available in 230/110 v

It is a digital display readout based control unit. Drive motor current setting is adjusted by the thumb wheel to deliver required precise torque.

- ❑ Eliminates over or under rolling of tubes
- ❑ Assures uniform tube joint at predetermined setting
- ❑ Increases Production
- ❑ Extends life of Tube Expander
- ❑ Enhances productivity per operator at reduced skill

