



# 560MM DOUBLE TWIST TWINNER

## WITH DUAL INTEGRAL PAYOFFS

### TEC MODEL VDTT-560:

560mm Double Twist Twinner is a compact (51" wide x 74-1/2" deep), heavy duty machine designed for the production of twisted pairs up to a 6" lay. It utilizes a vertically oriented, pneumatic pintle type takeup cradle for ease of loading/unloading of takeup reels (560mm flange by 335mm OAW) and has advanced composite bows for high speed operation. Advanced digital lay control system allows for ideal use in Communication Cable Twisted Pair production. Units are painted to customer's specifications. Basic features include:



- ✓ 7-1/2 HP AC variable speed drive system controls bow speed from 0 -2500 RPM (5000 twists/min).
- ✓ 2 HP Servo takeup drive, with digitally controlled lay settings. Lay is set through the operator interface through the PLC and is infinitely adjustable. Lay is limited by drum diameter size. Maximum takeup speed range is geared to 2000FPM (= 6" lay@ 2000 RPM).
- ✓ Electrical supply 230 or 460VAC/3P/60HZ.
- ✓ Heavy duty formed steel frame.
- ✓ Pneumatic takeup lift table lifts reels into position for easy loading and unloading.
- ✓ A specially designed sound enclosure provides sound and safety protection. Payoff reels are loaded and unloaded from the rear of the machine and are protected by interlocking sliding doors.
- ✓ The main twinner reel is accessed from the front. Roll up access door with viewing slots is motorized Open/Close and interlocked for full operator safety.
- ✓ Precision rolling ring style traverse assembly.
- ✓ Electro/mechanical safety interlock on door and run away shut off protection on metering capstan.
- ✓ Touch screen controlled operator station with programmable function keys.
- ✓ Metering capstan wheel assembly.
- ✓ 560mm Dual Reel, Pintle Powered Payoff with pneumatic dancer tension control each with 2 HP Servo Drive system.
- ✓ Fan assembly on top of enclosure provides extra cooling.



11 Spruce Street,  
Leominster, MA 01453 USA



1-800-241-4311



[www.thermoplasticseng.com](http://www.thermoplasticseng.com)  
[sales@thermoplasticseng.com](mailto:sales@thermoplasticseng.com)