

# TD-1930



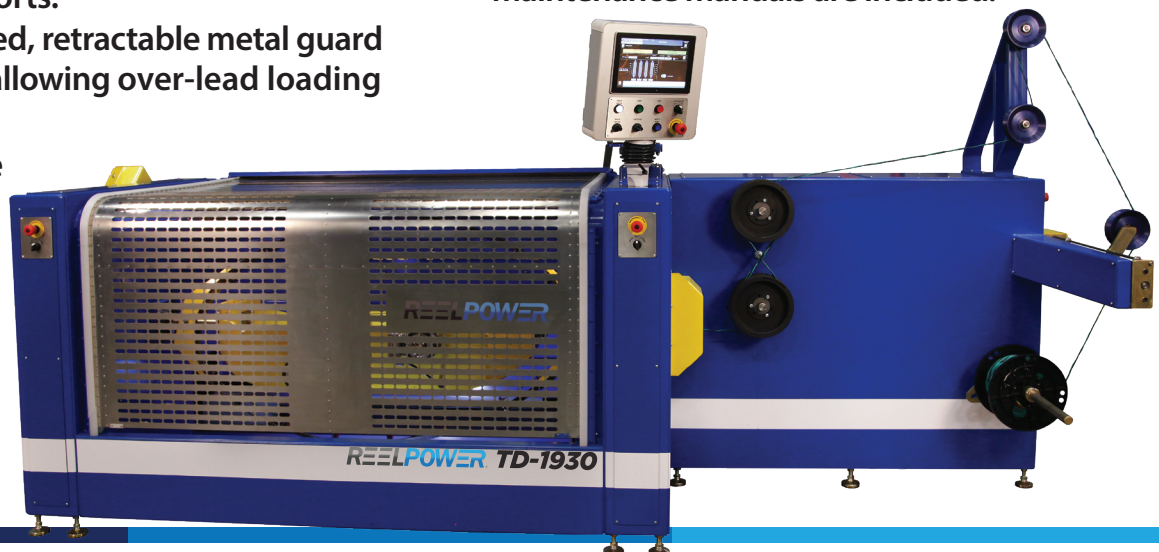
## Double Twist Twinner/Quadder

Ideal for twisting or quadding wires quickly and efficiently into twisted pairs.



Model TD-1930

- Heavy-duty cabinet offers reduced vibration.
- Carbon fiber bow with ceramic wire eyelet guides.
- Electromagnetic individual cradle payoff brakes.
- Precision ball screw level-wind traverse.
- Adjustable "Length of Lay" while running.
- Predetermined stop-to-length measurer halts machine once a preset value has been reached.
- Fully enclosed timing belt cover at the rear of the machine with easy maintenance, and external bearing lubrication ports.
- Push-button controlled, retractable metal guard with safety interlock allowing over-lead loading of the cradle.
- Larger bow and cradle guides available.
- Indicator lights.
- 3/4" and 1 1/4" Take-up shaft with drive arm and quick lock collar.
- 3 HP VFD Bow Drive, 0 to 338 RPM, bow speed is electronically adjustable on the "fly".
- One (1) set of 1 1/4" diameter twinning and one (1) set of 3/4" quadding shafts.
- Rate controlled acceleration gives a smooth transition during any speed increase.
- Detailed parts, operation, electrical, and maintenance manuals are included.



**REELPOWER**  
INDUSTRIAL

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# TD-1930

If you want to be the Best...  
**Wind up with the Best!**

## Double Twist Twinner/Quadder

### HMI Color Display includes:

- On/Off Indicating Lights
- Counter By-pass
- Full Operator Control
- Payoff Tension Control
- Length of Lay Control
- Capstan Speed
- Take-up Tension



**Designed to operate with minimal operator attention or experience required.**

### Take-up

- 30" Maximum diameter
- 15" Maximum width
- 1 1/4" Arbor hole
- 350 lbs. Maximum weight

### Payoff (In Cradle) Double Twist Twinning

- 19" Maximum diameter
- 2" to 13" Maximum width
- 1 1/4" Arbor hole
- 150 lbs. Maximum weight
- 30 to 14 AWG wire size
- 0 to 2,000 Twists per minute

### Double Twist Quadding

- 19" Maximum diameter
- 2" to 6" Width
- 1 1/4" Arbor hole
- 150 lbs. Maximum weight
- 28 to 16 AWG wire size
- 0 to 2,000 Twists per minute

### Single Twist Twinning

- 24" Maximum diameter
- 2" to 13" Maximum width
- 1 1/4" Arbor hole
- 200 lbs. Maximum weight
- 28 to 12 AWG wire size
- 0 to 1,000 Twists per minute

### Overall Dimensions

76" H x 65" D x 173" L x 1,500 lbs.  
Utility requirement: 460V/60 Hz/3 Ph

### Set of 5 Plug-in Take-up Shafts

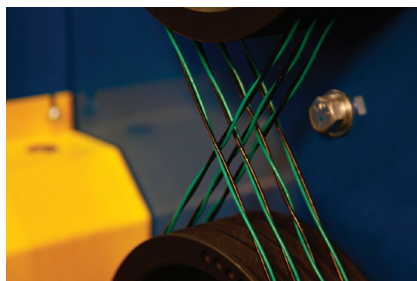
Includes five (5) 1/4" Plug-in Take-up Shafts, with drive arm and quick lock collar. Includes all 18" x .75", 1", 1.25", 1.38", and 1.5" diameters.

### Additional Features:

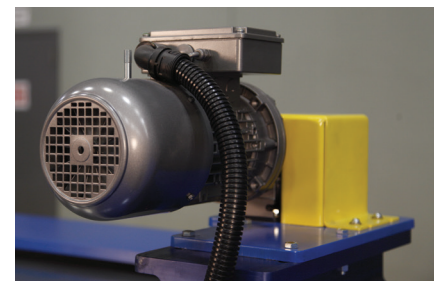
**Vector Frequency Bow Drives** - Offers 338 RPM, full load torque speed range and optimum twist controllability. (i.e. Maximum speed 400 FPM allows minimum reproducible speeds to 1.5 FPM). Drives are digitally linked to one another.



Larger bow and cradle guides up to 10 AWB material.



Equipped with dual wheel multi-groove capstan wheels.



Cradle guard raise & lower motor with push button control.

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