TCS-605-1 Pivot Point Tension Sensor for Warner Electric Tension Control System

Installation Instructions
TCS-605-1 Pivot Point Tension Sensor

The TCS-605-1 Tension Sensor is used with the Warner Tension Control System to provide smooth control of unwind stands operating at any speed. The sensor is especially convenient in applications having small dancer arms and is complete with versatile mounting brackets. The pivot point sensor does not add additional weight to the dancer arm.

A Complete Dancer System

- For Unwind Stands
- Dancer Roll System
- Stable
- Electromagnetic Brakes
- Quiet
- Closed Loop Control
- Off-the-shelf Availability from your local Warner Distributor
1. Using a 1/4" drill, drill a hole in the center of the dancer pivot shaft 1/2" deep.

2. Drive the supplied pin into the hole in the shaft until half its length remains exposed.

3. Assemble the brackets and mount the sensor on the bracket.

4. Position the sensor and bracket on the machine so the sensor shaft and the pin are aligned and separated by 1/8 to 1/4 inch. While holding the sensor and bracket in the above position, mark the centers of the bracket holes on the machine. Drill and tap holes in the machine for 8-32 screws.

5. Connect the sensor shaft to the pin with the flexible coupling provided. The index mark on the sensor shaft must be aligned with the index mark on the sensor face when the dancer arm is near the midtravel position.

6. Mount the sensor and bracket to the machine. Connect the sensor to the tension control unit with the cable assembly in accordance with the instructions supplied with the control unit.
Warranty

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