

Low Tension No Contact Dancer

The Low Tension No Contact Dancer is designed to protect delicate & sensitive product which may be damaged or over stressed by sheaves in other dancer designs. An ultrasonic sensor is used to detect the deflection of the product travelling below it which continuously updates the take-up/puller speed control thereby maintaining a light tension on the product. A sliding bobbin gently rides on top of the product providing a precise measurement surface for the ultrasonic sensor. Local manual override and speed control is included in the onboard panel. The dancer comes complete with local controls, ultrasonic sensor, two-wheel hand truck style frame, electronic junction box and a 25 ft power/comm cable.

Features & Benefits

- Low maintenance - one moving part
- Eliminates stress/crush of product
- Unlimited product application includes plastics, metals, fabric, non-wovens and clear plastic tubing
- Ultrasonic sensor w/ discrete analog output communicates with drive plc in puller/take-up
- Local manual speed control override
- Emergency Stop control for entire system
- Portable with casters and handle, can be bolted to the floor permanently
- Heavy gauge powder coated steel construction



LOCAL CONTROL PANEL

Specs

Utilities

- 24 VDC power required*
- Accommodates up to 2" product width
- Compatible with R-L & L-R systems

Approximate Weight & Dimensions

- 18" W x 25"D x 63"H
- 157 lbs.

*Power & discrete controls are supplied by the puller/take-up via the 25 ft prewired tail & Harting 16B male connector

