



# Novo Precision LLC

www.NovoPrecision.com • (860) 583-0517  
 We design, build and engineer solutions to solve complex problems. • ISO 9001:2015



## Dual Belt Tractor Linear Feed Drive System

The Novo Precision Dual Belt Tractor Linear Feed Drive is a versatile system used where precise control and feeding of material is critical. It can be integrated with most fine wire and strip processing operations. Example applications include integration with fine wire/narrow strip automation processing systems, medical wire processing, precision wire straightening and cut to length lines.

This system is ideal for feeding and controlling pliable or brittle linear materials such as plastic tubing, thin strip and when processing materials with critical surface finishes or critical coatings. The material is guided between two adjustable pressure pads for even force distribution to protect the material.

### System Includes:

- Pneumatic clamping dual belt drive for feed grip pressure
- Pneumatic quill-on-quill cutter head for burr-free cuts
- Touch screen servo control
- Encoder station for length feed-back loop
- Pneumatic control panel
- Feed guide holders
- Mounted on a welded machine base
- Status stack light and audible alarm

### Available Options and Accessories:

- Cutting quill set
- Wire guides
- Precision wire straightener
- Safety enclosure with interlocked doors



Click or Scan to watch the System Video



Wire Size Range	.004" to .070" (0.1mm to 1.8mm)
Strip/Shape (Material Dependent)	Up to .450" W x .100" T (11.25mm x 5.0mm)
Max Pulling Power	25 Lbs (11.34 Kg)
Feed Accuracy	+/- .010" (0.254mm) Drive Dependent
Max Constant Feed Rate	170 FPM (55 MPM)
Cog Belt Specifications	.45" x 3.0" (11mm x 75mm) Grip Area
Space Requirement	10.3" x 7.2" x 10.9" (257mm x 180mm x 272mm)
Power Requirements	208/220 VAC, 3Ph, 60 Hz
Air requirements	80 PSI regulated clean, dry air