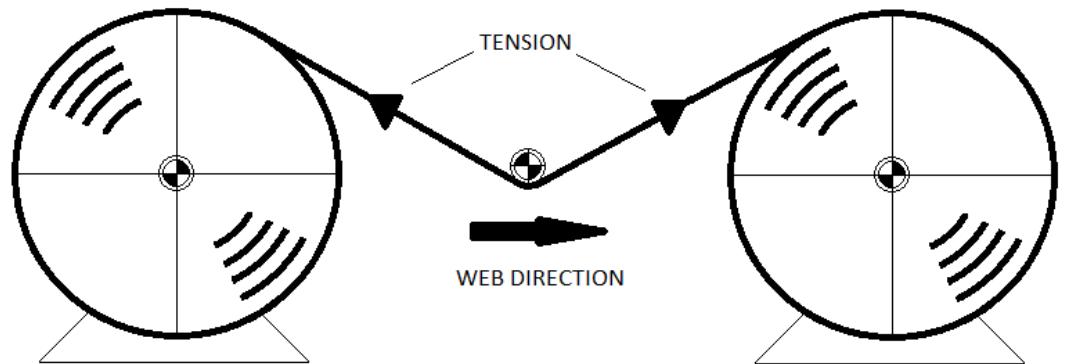


Controlling web tension throughout a process can be one of the most critical aspects of production. Stretching of the web can damage product and allowing droop can cause winding or process issues. Depending on the application, tension may need to be controlled very precisely and at high values or tension may be required to be maintained at just a few pounds. Over time, the tension control components including motors, dancers, gearboxes, load cells, rollers, or drives can become antiquated or in need of replacement. One failure can mean devastating and costly down-time for the production facility.

At Prokuma, we have successfully upgraded many web tension control systems and their supporting equipment's control systems including:

- Winder motors (DC to DC, DC to AC)
- Unwinder/let-off motors (DC to DC, DC to AC)
- Turret motors (DC to DC, DC to AC)
- Enclosure rebuilds
- Pneumatic tensioners
- Load cell rolls
- Laser radius detection
- PLC based control systems
- PLC-free control systems
- Continuous winding controls
- Ultrasonic welders
- Accumulators
- Safety design
- IP cameras for monitoring remote process areas and motor rooms
- Inspection systems
- Operator interface screens
- Yield reporting



Our designs are proven using several major brands and models including:

- Allen-Bradley [PowerFlex DC](#), [PowerFlex 700](#), [PowerFlex 755](#)
- Allen-Bradley [ControlLogix](#), [CompactLogix](#)
- Siemens [Sinamics G120](#)

Call for a quote: 1 812-461-1681 or email questions to [sales@prokuma.com](mailto:sales@prokuma.com)