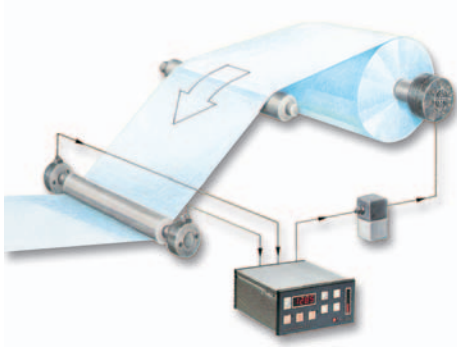




TENSION CONTROL SYSTEMS

The RE Microprocessor control is the first system to allow closed loop control of mixed systems using one common control. The extensive range of tension control and ancillary equipment can be used with "Combiflex" air cooled disc brakes, "Eaton Airflex" water cooled brakes, electromagnetic powder brakes and DC motors. A complete system to control tension, whatever the material, from the lightest of films/foils to heavy steel coil processing.

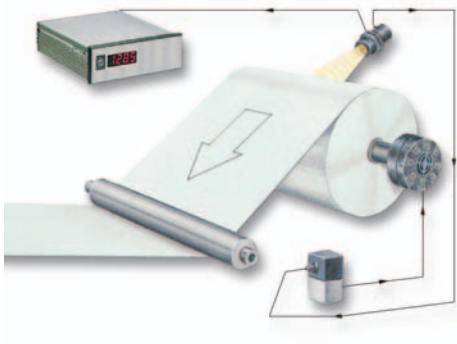


AUTOMATIC TENSION CONTROLLER

Model MW.90.10

The Digital Control within the Microprocessor allows the storage of more data and can supply high accuracy of reference values. Ten programmable, recallable working memories are available at the touch of a button.

- Adjustable acceleration times to give soft starting.
- Adjustable deceleration in emergency stop, by reference to the roll diameter.
- Control of the sequences in the flying splice changes.
- Possibility of controlling many inputs, from Load Cells, Dancing Rolls or Ultrasonic Sensor etc.



SIMPLE-LOW COST SYSTEM

Designed to eliminate the need for expensive signal amplifiers and for use where a quantified tension is not required. The low cost system is an ultrasonic sensor with built in amplifier which gives a 0 to 10V DC output. This can be used to control E/P direct, or connected to master PLC controls. Gives constant tension throughout the reel diameter.



LOAD CELLS

Load cells, models CF and CB, flange mounted up to a maximum load of 20000N and base mounted up to a maximum load of 30000N. Special designs for through shaft mounting and cantilever rolls also available.

TO VIEW THE RE SPA WEBSITE CLICK HERE