

Auto Web Tension Controller

MICROPROCESSOR BASED ADVANCE TECHNOLOGY

| | |
|-----------------------|--|
| Four Line LCD display | : To show various parameter's as per Requirements. |
| a. Set Tension | : Shows the set tension. |
| b. Web Tension | : Shows actual web tension. |
| c. Line Speed | : It shows web speed in meter / min. |
| d. Counter | : Shows material length in meter. |
| e. Time | : Total process ON time in minutes. |
| g. Output voltage | : Shows output voltage to the Brake / Motor. |

Diameter based system is also available.

NO MANUAL SET VALUE

PURETRONICS web tension controller stores the last output voltage to Brake / Motor, whenever machine is stopped or power Off takes place it starts the machine with old memorized value, which gives least variation in the tension, gives the leading edge.

APPLICATION

- ☉ In All Continuous Web Processing Machines.
- ☉ Roto Gravure Printing Machine.
- ☉ Flexo Graphic Printing Machines.
- ☉ Plastic Films Lamination Machines.
- ☉ Slitting Machines.
- ☉ Paper Manufacturing Machines.
- ☉ Continuous Stationary Presses.
- ☉ Paper Slitters & Rewinders.
- ☉ Foils Processing Machines.
- ☉ Magnetic & Adhesive Tapes Machines.
- ☉ Blown Films Extrusion / Taping Machines.

RESULTS

- ☐ In Printing, Reduction In Linear & Side Registration Problem.
- ☐ Reduction In Web Breakage.
- ☐ Reduction In Problems Of Highly Disturbed Rolls At Unwinding.
- ☐ Considerable Reduction In Wastage Of Costly Processing Material.
- ☐ On Rewinding Avoid Telescopic Winding, Hence Obtain Tight And Transportable Rolls.
- ☐ Short Pay Back Period.



USER'S FRIENDLY

- ☉ For Operation easiness, 10 turn Tension set pot is provided to set the desired tension.
- ☉ Start ON - OFF Switch with indication.

TECHNICAL FEATURES

- ☉ Optically isolated Digital inputs.
- ☉ Electrically isolated load cell signal with separate power supply for stable result.
- ☉ Electrically isolated output Analogue voltage.
- ☉ Design to sustain wide power variations without disturbing the performance.
- ☉ Under voltage tripping circuitry.
- ☉ Relay change over to other interlocking.
- ☉ External interlocking possible.
- ☉ Separate card for interface.
- ☉ Master card is isolated to sustain any external misuse.
- ☉ FRC Cable system for handy and neat system.
- ☉ Separate power supply card & transformer for Brake.



A/37, VIRWANI INDUSTRIAL ESTATE, WESTERN EXPRESS HIGHWAY, GOREGAON (EAST), MUMBAI- 400 063. INDIA.

TEL : 022 2872 8040 . FAX : 91 22 2877 2067 E-MAIL : marketing@pureindia.net / puretronics@sify.com

WEBSITE : www.pureindia.net