

## MANUAL STRETCHER CUM AUTO TENSIONER

The **Manual Stretcher cum Auto Tensioner** is used for stretching the wire manually and to keep the tension of the wire constant automatically with pneumatic tensioner.

The Fabric Tensioner carries the tensioning roll with the fabric. Moving the gliding shoes of the Linear Tensioner (**Felt Tensioner**) or the stretcher arms of the Radial Tensioner (**Wire Tensioner**) into one direction means to tension the fabric, moving it into opposite direction means to release the fabric. The simplest way to operate a Tensioner is **manual tension control**. The operator decides to tension or slacken the felt and operates the Tensioner via pushbutton control.

Keeping the fabric tension at a constant level means to :

1. Optimize paper quality and productivity.
2. Reach maximum fabric life.
3. Avoid overstretching and risk of damage at bearings or roll breaks.
4. Increase drying efficiency at the dryer cylinders.
5. Reduce sheet breaks.
6. Avoid slippage of drive rolls.

### Salient Features:

- M.S. fabricated Lever Arms & Base Frames.
- Gab Brackets of C.I conforms to IS: 210, Gr. 25 suitable for the wire Roll Bearing Housing.
- Cross shafts made of M.S Pipe clad with S.S.304 sheet and journals of S.S.304.
- Hand Wheel of Cast Iron for manual stretcher.
- Jacktuators of 2 Ton capacity for manual stretcher.
- Imported Rubber Bellows complete with bead plates and rubber bumper for Auto Tensioner.
- All the Hinge Pins & fasteners will be of S.S.304.
- All M.S. Parts will be coated with two coats of epoxy paint.



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