

**Credence model SS-40 Screen Stretcher**

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 Screen Stretcher**



We at Credence Engineering have taken the Screen Stretching Process several steps beyond the norm. We do not pull an entire bank in unison. Not only do we have stationary clamps and stretching clamps, we use individual pulling cylinders for each stretching clamp. This compensates for the unevenness in the amount of mesh within each set of jaws. Each clamp pulls to its correct pressure thereby equalizing the tension within all of the wires.

We use swivel clamp jaw sets on all clamps that allow the jaws to swivel to equalize the tension of the wires within each jaw set. The jaws also overlap so that there are no gaps or zones of mesh that have no forces applied. Each clamp and pull-clamp is on its own bearing mechanism that allows it to move in the direction of force. We use high quality bearings and high quality rail guides so each mechanism can roll easily to its most optimum position, where the wire tension is the most uniform. As the stretch-clamps pull, the clamps adjacent and next to them can move where the forces are pulling. This allows total uniformity in each wire of the mesh.

**Specifications and Components**

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| <ul style="list-style-type: none"> <li>• 20 Stationary Clamps</li> <li>• 20 Pulling Clamps</li> <li>• 32" X 48" Center Granite Block</li> <li>• Hydraulic Clamp Bank Lift System</li> <li>• 500 lb clamping force per clamp</li> <li>• 50N max tension (45 lbs/linear inch)</li> <li>• Tension Uniformity 1%</li> <li>• Maximum Frame size 22.5" 22.5" @ 45°</li> </ul> | <ul style="list-style-type: none"> <li>• Individual Serrated Swiveling Jaw Sets on each Clamp</li> <li>• 6 Pneumatic Lever Valves to actuate clamping and pulling</li> <li>• 110/240 VAC, 50/60 Cycle, 15/7.5A</li> <li>• Air 100 PSI .5 CFM</li> <li>• 52.3" X 68.3" X 40" T</li> <li>• 1568 lbs</li> <li>• Delivery 20 weeks ARP</li> </ul> |
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**Included**

- Manual control for Hydraulic lift
- Pneumatic Tubing for Air Hookup
- 12' of electrical hookup cord

**Options (Consult Factory)**

- Larger Sizes available

**Credence Engineering Inc**  
*Advanced LTCC Process Equipment*