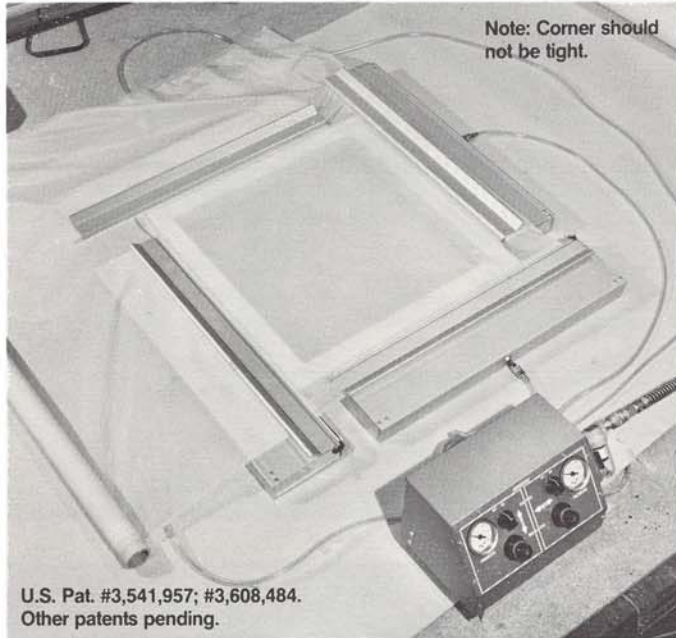


Pneumatic Tensioning System Features Independent Control of Stretch in Each Direction

Stretch-Air Bars™

Quickly and efficiently stretches screen fabrics to frames of all sizes



Note: Corner should not be tight.

U.S. Pat. #3,541,957; #3,608,484.
Other patents pending.

Furnished complete with quick-disconnects, valves, & plastic air tubing

The patented Stretch-Air Bar system stretches all monofilament and multifilament screen fabrics quickly and precisely.

All five Stretch-Air Bar systems allow screens to be stretched right off the fabric bolt. The screen maker cuts the fabric from the bolt after it's fully stretched and fastened to the frame. This eliminates unnecessary fabric waste.

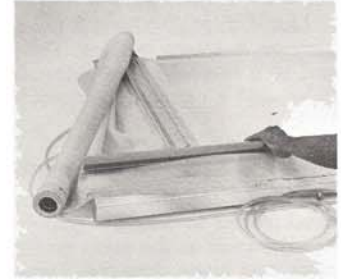
The specially-angled Bars provide absolute fabric-to-frame contact. Equal counter-pressure is applied to all four sides for pre-stress accuracy. The Power-Grip action pulls the fabric to the exact amount of preset, repeatable tension (as determined by using the Serimeter fabric tensionmeter).

Longer screens are easily stretched by using multiple bars, placed end to end, along the long sides of the frame. Extremely large screens are stretched by using this multiple bar arrangement on all four sides.

Each Stretch-Air Bar system includes 10 feet of flexible plastic tubing, an air valve, and one quick-disconnect fitting. Only about 15 psi of air pressure is needed; works with a compressor as small as ¼ h.p.



Dual Master Control Cabinet for independent warp/weft tensioning.



Lay fabric over frame—stretch screen right off bolt.

Standard features

Flexible Plastic Air Tube . . . Each Bar operates with one air inlet and the 10-foot-long, 3/8"-diameter flexible plastic air tube. A maximum of 20 psi of air pressure is all that's required.

Power-Grip Cam-Locking Bar . . . Secures fabric into the channel on each Bar. Overlap locking bars when using more than one Bar on each side of a frame. Locking Bars are pulled forward to lock fabric in place before master control is activated.

Dual Master Control Cabinet Displays separate pressure readings for each direction of stretch, on gauges calibrated from 0 to 30 psi. Dual pressure regulators adjust warp and weft independently (start at 12 psi and increase as needed). Controls up to 20 separate Stretch-Air Bars. Condensation filter included.

Specifications

Cat. No.	Description
44-4638-1	Stretch-Air Bar, 1-foot (30.5cm) length
44-4639-9	Stretch-Air Bar, 2-foot (61cm) length
44-4640-7	Stretch-Air Bar, 3-foot (91.4cm) length
44-4641-5	Stretch-Air Bar, 4-foot (122cm) length
44-4642-3	Stretch-Air Bar, 5-foot (152.4cm) length
84-4652-8	Additional flex hose, 3/8" diameter (priced per foot)
84-4653-6	Additional quick-disconnect fittings, (priced per unit)
44-4653-0	Dual Master Control Cabinet

1 Pneumatic tube included with each bar.

Cat. No.	Extra Pneumatic Tubes
44-4636-5	1-Fl.
44-4643-1	2-Fl.
44-4645-6	3-Fl.
44-4646-4	4-Fl.
44-4647-2	5-Fl.



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