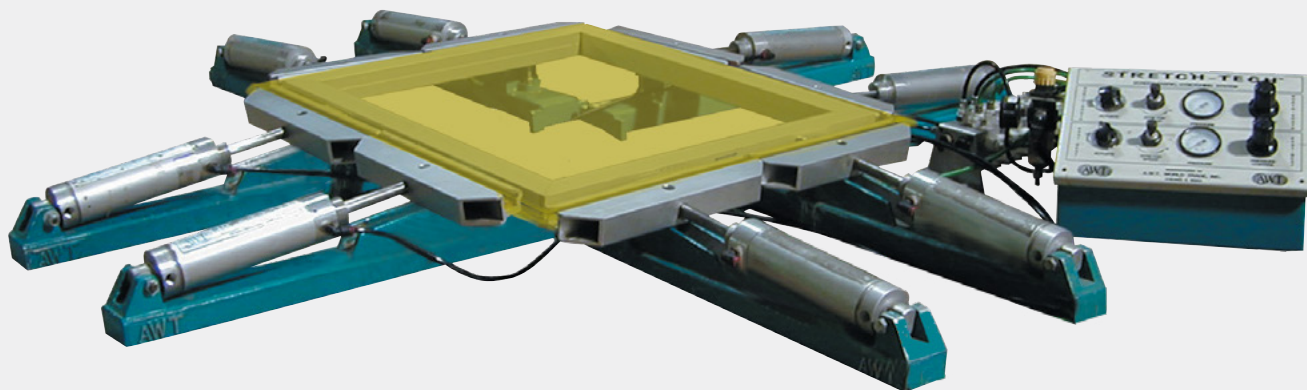


STRETCH-TECH™

Modular, Pneumatic Screen Fabric Stretching System



ADVANTAGES

- Single or multiple frame capability for workshop efficiency
- Individually adjustable controls for warp and weft
- Drop-in locking lever for fast setup and release, prevents fabric slippage
- Modular design allows additional clamps and manifolds to be added with ease
- Screen leveling bolts to adjust individual frames
- Quick-disconnect couplings for fast setups and reconfigurations
- Optional Auto-Tensioning Module tensions fabric in stages

Reliable and easy to operate, AWT's Stretch-Tech™ is the most versatile screen fabric stretching system on the market today. Simple controls allow independent settings of tension and stretching speeds for both warp and weft. Drop-in locking levers make fabric loading easy, locking into position to prevent fabric slippage. Color-coded air lines and quick-release manifold connectors allow fast setups and configuration changes.


The Stretch-Tech's main control panel is engineered to drive virtually any system configuration, allowing the user to add or subtract clamps, change clamp bar widths, or add more air manifolds as the job requires. Stretching multiple frames at the same time is no problem for the Stretch-Tech. Individual leveling bolts on each clamp assure proper contact between fabric and frame.




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Standard Features

- Drop-in locking lever
- Main control panel
- Independent tension and speed controls for warp and weft
- Air pressure gauges
- Manifold for up to 40 air clamps
- Screen leveling bolts on clamp frame
- Quick-disconnect manifold couplings
- Color-coded air lines
- Three clamp widths available: 8" (20cm), 10" (25cm), 12" (30.5cm)
- Each air clamp comes with 10' of flexible hose

Options & Accessories

- AWT Screen Fabric Auto-Tensioning Module
- Additional quick-disconnect elbow fittings
- Additional manifold provisions for more than 40 air clamps
- Additional ¼" air hose
- Aluminum holddown safety straps: 24"; 36"; 48"; and 72"
- AWT Screen Tension Meter 7-60 Newtons

Specifications

CAT. NO.	DESCRIPTION
ASC-8*	Stretch-Tech 8" (20.32 cm) air clamp
ASC-10	Stretch-Tech 10" (25.40 cm) air clamp
ASC-12	Stretch-Tech 12" (30.48 cm) air clamp
ASC-MCS	Master control cabinet and manifold for up to 40 air clamps

*Each Air Clamp comes with 10' of hose.

AWT Custom Screen Stretching Tables

AWT manufactures custom-designed stretching tables compatible with any Stretch-Tech configuration. These tables feature all-aluminum Stay-Flat™ surfaces, routing for air lines, mounting for the control panel and the manifold, and individually adjustable legs. The legs may be easily removed to fit the Stretch-Tech through a standard doorway. Contact our technical sales staff for further information.

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AWT Auto-Tensioning Module



The optional Stretch-Tech™ Auto-Tensioning Module allows fabric to be automatically tensioned in stages, a professional technique recommended by major mesh manufacturers. When stretching screens to the higher Newton levels specified by today's quality-control standards, the mesh must "relax" between stretching intervals to allow the fabric to recover its original physical properties. This procedure eliminates tearing and ensures consistent tension at all points of the screen surface.

Once stretch-and-release cycle times have been set on the Auto-Tensioning Module, screen stretching proceeds automatically, without requiring the presence of an operator. The "Job Complete" light indicates that the screen is ready for gluing and the system maintains the specified tension until the operator is free to complete the job. The Auto-Tensioning Module saves on labor costs during screen making and minimizes on-press adjustments resulting from improperly stretched screens.

The Auto-Tensioning Module may be purchased with the Stretch-Tech or separately for easy retrofitting. The unit may also be added to virtually all other brands of pneumatic screen stretching systems to maximize efficiency and screen quality.