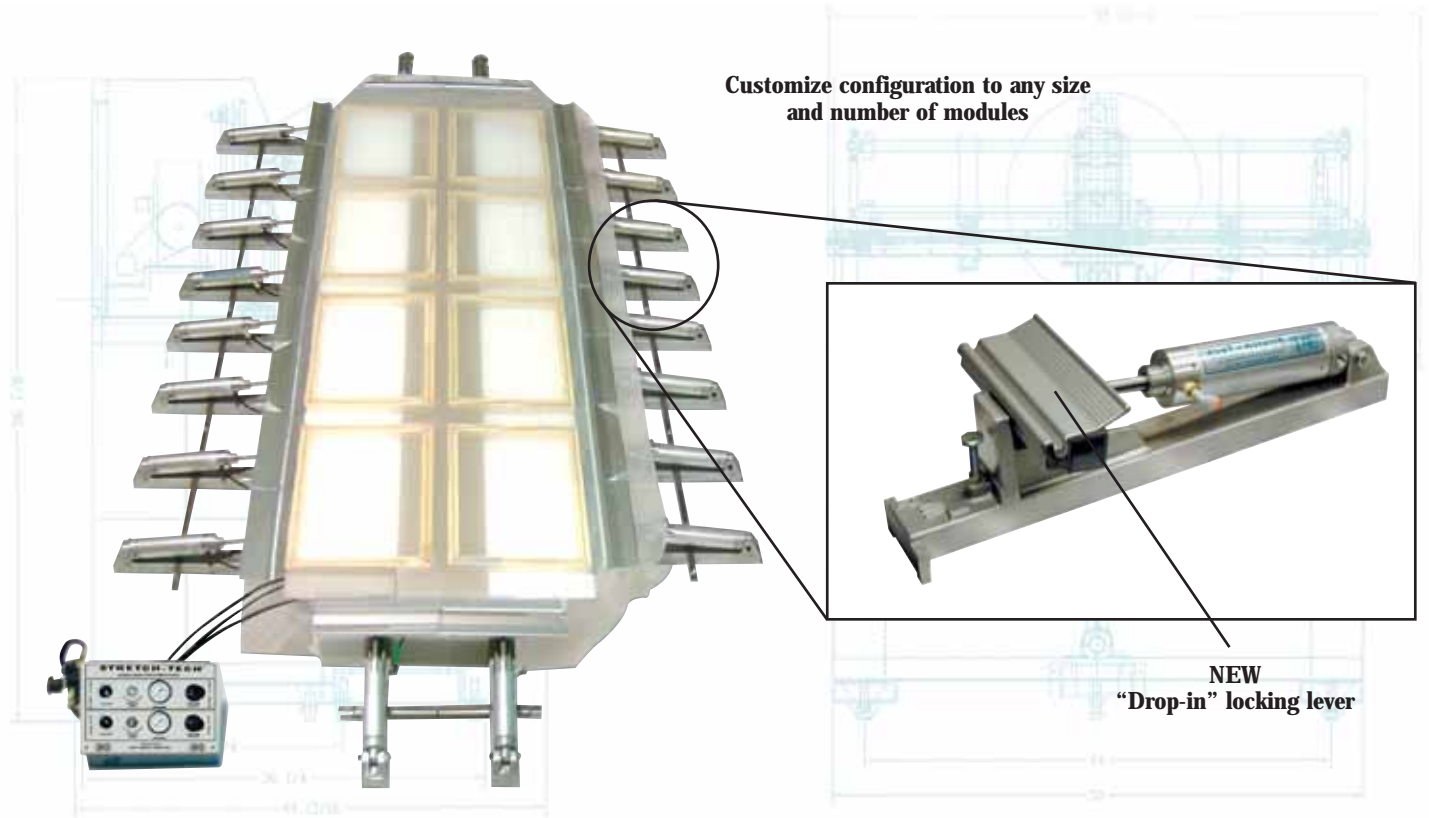


# STRETCH-TECH™

*Moving Ahead  
With Technology*

## Modular, Pneumatic Screen Fabric Stretching System



### ADVANTAGES

- New drop-in locking lever for fast set-up and release, prevents fabric slippage
- Modular design allows additional clamps and air manifolds to be added
- Individual stretching tension and speed controls for weft and warp
- Screen leveling bolts on clamp frame
- Quick-disconnect manifold couplings
- Three clamp widths available: 8" (20 cm), 10" (25 cm) and 12" (30.5 cm)
- Single or multiple frame capability

A.W.T.'s Stretch-Tech™ is by far the most versatile screen fabric stretching system and is easy to operate. Thanks to user-friendly controls, this machine can quickly and easily stretch multiple frames at the same time with its independent pressure and stretching speed settings. Leveling bolts on each clamp ensure proper contact between your fabric, frame and new "drop-in" clamps. The Stretch-Tech's main control panel will drive virtually any system configuration and configuration changes, while the color-coded and quick-release manifold connectors ensure fast set-up.

Add the exclusive A.W.T. Auto-Tensioning module to your Stretch-Tech system for the ultimate in fabric stretching efficiency. Automatically stretching fabrics in stages, this unique unit increases productivity by freeing the operator for other shop tasks.



Manufactured by

**A.W.T. World Trade, Inc.**  
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# STRETCH-TECH™ SCREEN FABRIC STRETCHING SYSTEM

## Stretch Multiple Frames Quickly and Easily

### Standard Features

- Automatically tensions fabric in stages, stretch-and-release
- Frees operators for other shop tasks
- Stabilizes fabric for uniform screen tension
- Extends mesh life
- Compatible with the Stretch-Tech system and other pneumatic systems
- Cycle time settings provide full control over screen stabilization parameters
- Up to nine full cycle settings
- Cycle counter indicates job status
- "Job Completed" lamp lights to alert operator
- System maintains tension until fabric is secured to frame or module is turned off

### Optional Features

- Additional manifold provisions for more than 40 air clamps
- Auto-tensioning module
- Additional Quick Disconnect elbow fittings
- Extra 1/4" air clamp hose
- Aluminum holddown and safety straps; 24-, 36-, 48-, 72-inch
- A.W.T. 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

**\*Note:** Each Air Clamp comes with 10" of hose. Hole must be drilled in table to attach straps. Straps are used to hold clamps in place in case mesh tears. Never tighten hold-downs. Clamps must be loose and free to move when stretching.

A.W.T. Manufactures complete "made-to-order" stretching tables for your Stretch-Tech System. The table beds are constructed of Stay-Flat™ aluminum with an opening in the center to neatly run your air lines. The Stretch-Tech table has legs and a mounting holder for the control box and manifold. The legs can easily be disassembled in order to fit the table through tight doorways.

### The A.W.T. Auto-Tensioning Module



The optional Stretch-Tech™ Auto-Tensioning Module allows fabric to be automatically tensioned in stages, a professional procedure recommended by major mesh manufacturers. When stretching screens to the higher Newton levels required by today's quality control standards, the mesh must "relax" between stretching stages in order to allow fabric to recover its physical properties. This procedure not only eliminates tearing, it also ensures consistent tension at all points of the screen.

Once stretch-and-release cycle times have been set on the Auto-Tensioning Module, the screen stretching process 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 tension until the operator is free to complete the job.

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.

#### FAST RETURN ON INVESTMENT

The Auto-Tensioning Module not only saves shop labor costs during screen making, but also minimizes time spent making on-press adjustments associated with improperly stretched screens. Helps mesh to remain at required mesh tensions.

**For an A.W.T. dealer near you, contact:**



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