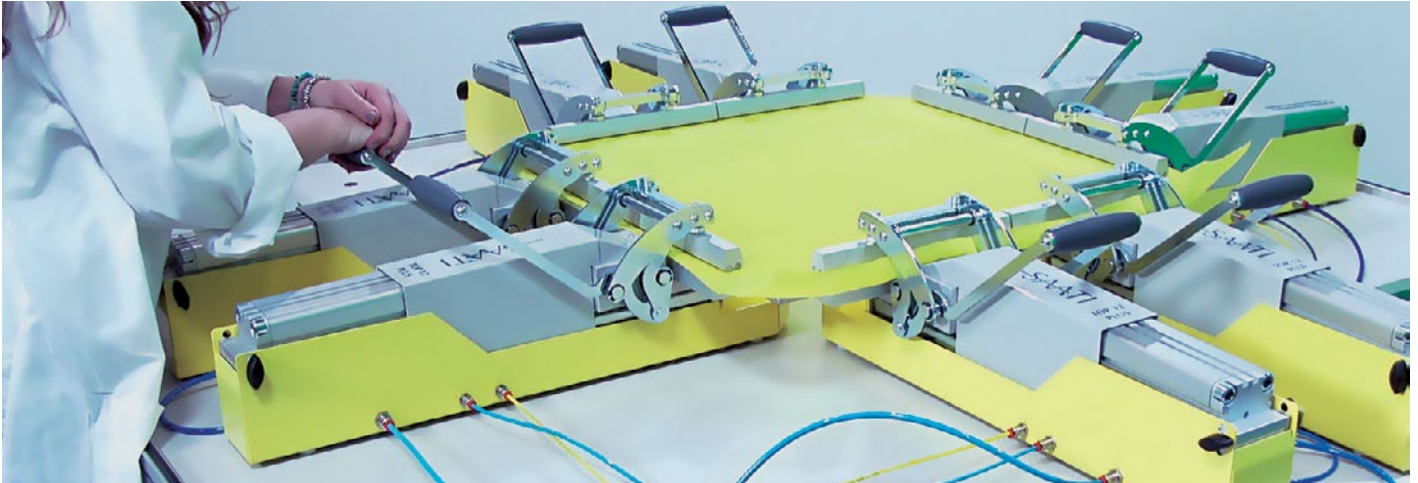


Top 12 Plus Clamp System



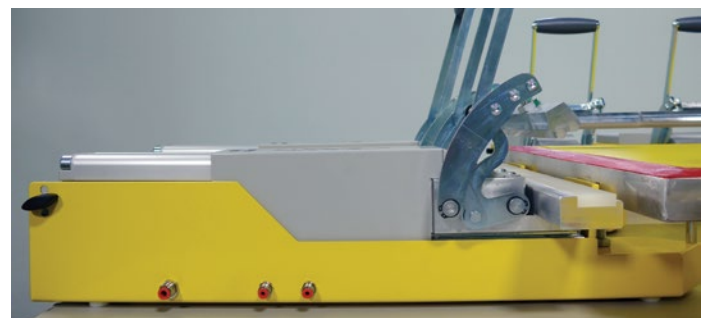
The new SAATI Top 12 Plus Clamp provides optimum pneumatic screen tensioning. This highly advanced, yet easy to use system achieves the highest recommended tensions more uniformly, without over-tensioning the corners. It provides the greatest stability of any system available.

Among the most notable features of this premier stretching system is its independent or simultaneous warp/weft tensioning capability (when used with optional control panel).

In addition, its unmatched, patent-pending “raise/lower” design pre-stresses the frame while simultaneously eliminating mesh contact with the frame surface during stretching. This specialized “non-contact” stretching eliminates any hazardous friction, uneven tensioning or resultant tears caused by distorting the mesh when it comes in contact with rough or uneven frame surfaces.

The long 4.75” stroke per clamp allows for almost 10” of total stretch in each direction. A special pneumatic device lifts the mesh above the frame for stretching, while the clamps hold (and pre-stress) the frame. Once the desired tension is achieved, the mesh is lowered for adhesion to the frame.

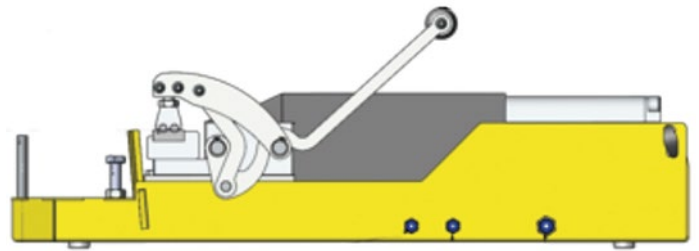
SAATI clamps feature a uniquely-designed modular plug-in system for easy set-up in minutes.



Top 12 Plus Clamp System

Technical Features

- Clamp System is CE Certified (Control Panel + Connected Clamps)
- Internal components extruded in aluminum, lateral parts in powder coated steel
- Jaws widths: standard 10" (250mm), optional 6" (150mm)
- Independent pneumatic control for both horizontal axis (via optional control panel)
- 4.75" stroke length
- Maximum tension: 60 N/cm
- Daisy chain connection, no manifold needed
- Adjustable frame support



Benefits

- Higher tension, longer stroke
- Tension from small frames to extremely large frames
- Very high degree of repeatability
- High reliability, easy maintenance

Top 12 Plus Technical Specifications	
Clamp Weight	10kg / 22 lbs
Clamp Total Length	652mm / 25.7"
Stretching Stroke	120mm / 4.7"
Lifting Stroke	15mm / 0.2"
Clamp Length to Frame Contact Point	540mm / 21.3"
Maximum Tension	60 N/cm
Compressed Air	95-100 PSI (humidity free line required)
Jaw Width	250mm / 9.8" (standard) 150mm / 5.9" (on request)
Table Size	Frame External Size + 42.5"

Control Panel

- Independent unit has an advanced, ergonomic design
- Plug and play
- Individual controls for the stretch/release & raise/lower systems
- Emergency safety stop

European Control Panel

- Advanced control panel in conjunction with Top 12 Plus clamps forms a stretching system that is CE-Certified
- Plug and play
- Individual stretching controls for warp & weft stretch/release, in addition to raise/lower
- Security keys lock the system in addition to emergency safety stop
- Optional upgrade for non-European customers

