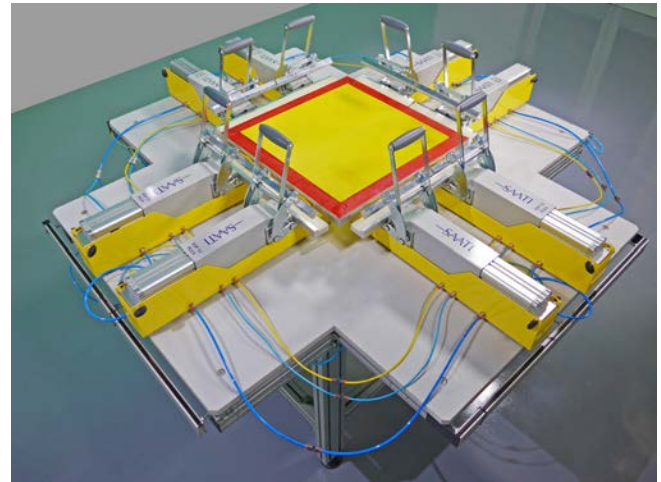# Technical data sheet
TOP 12 PLUS CLAMP SYSTEM

The SAATI Top 12 Plus Clamp System will provide optimum pneumatic screen tensioning to the screens for all screenprinting applications.

This highly advanced, yet easy to use system achieves the highest recommended tensions more uniformly, without overtensioning the corners. It provides high tension levels and dimensional stability of the screen.

Among the most notable features of this premier stretching system is its independent or simultaneous warp/weft tensioning capability, maintaining the perfect geometry of the fabric. A dedicated control panel will allow monodirectional tensioning.

In addition this newly designed clamp applies compression to the frame while simultaneously eliminating mesh contact with the frame surface during stretching. This specialized "noncontact" stretching eliminates any hazardous friction, uneven tensioning or resultant tears caused by stretching the mesh when it comes in contact with rough or uneven frame surfaces.

Last but not least, the SAATI clamp system has extra safety features that ensure the safest working conditions for the operator.
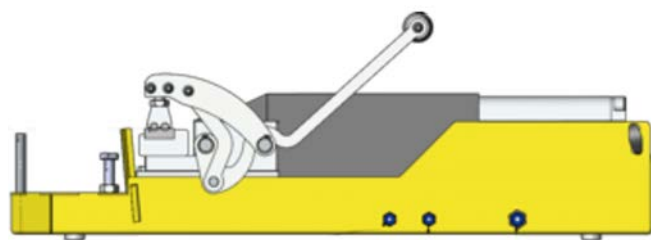
TECHNICAL FEATURES

- Internal components extruded in aluminum, lateral parts in powder coated steel
- Jaws widths: standard 250mm, optional 150mm
- Independent pneumatic control for both horizontal axis (via optional control panel)
- 120mm 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	10 kg/22 lbs
inClamp Total Length	652 mm / 25,7"
Stretching Stroke	120 mm / 4,7"
Lifting Stroke	15 mm / 0,2"
Clamp Length to Frame Contact Point	540 mm / 21,3"
Maximum Tension	60 N/cm
Compressed Air	95-100 PSI (humidity free air line required)
Jaw Width	250 mm/9,8" (std) – 150 mm/5,9" (on request)
Table Size	Frame external size + 108 cm / + 42,5"