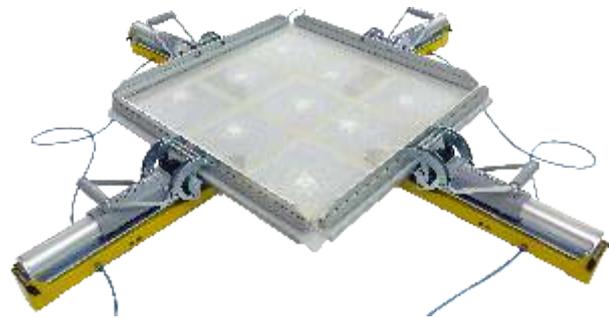


Milling accessories

Stretching system



The SAATIMil Top 12 stretching system provides a fast method to stretch milling and screening fabrics to their optimum tension. This highly advanced, yet easy to use system achieves the highest recommended tensions more uniformly, without over-tensioning 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 allows 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. Generally only one clamp per side is required due to the extra long jaw length.

This allows to save on the cost of the system and setup time for stretching screens. Clamps are available in three jaw widths. The clamps are very reliable and are easy to maintain. Their long 120 mm stroke per clamp provides 240 mm of total stretch in both directions. The entire body is covered to prevent fingers, clothing, etc. from getting caught in the moving parts.

Technical specifications:

Jaw width	550 mm (21.7') - 650 mm (25,61 - 750 mm (29,5"))
Maximum tension	26 N/cm at 7 bar pressure (14.8 lb/in at 100 P.S.I.)
Clamp weight	8.2 kg (18,1 lb)
Piston stroke	120 mm (4.7")
Clamp total length	634 mm (24,9')
Clamp length to contact point with frame	534 mm (21')
Clamp height - working condition	203 mm (7.9")
Clamp height - with open leverage	363 mm (14.3")
Clamp height - height at fabric	position 151 mm (5.9")
Structure	Panted steel tubular / galvanized steel / protections in ABS / anodized aluminum jaws
Frame support	Adjustable screws according to frame thickness
Colours	Yellow/ grey
Control panel	Pneumatic switches for handling tension / pressure gauge / emergency lock
Compressed air	95-100 P.S.I. (a line with no humidity is required)
Table size	Frame external size + 102 cm in both directions