

Stretching System



STRETCHING SYSTEM

The new SaatiMil stretching system provides a fast method of stretching milling and screening fabrics to their optimum tension. Generally only one clamp per side is required due to the extra long jaw length. This saves 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 5.5" stroke per clamp provides 11" of total stretch in both directions. Adhesives can be easily removed from its surface.

The SaatiMil clamps provide an extra margin of safety. A metal pin at the front of the clamp anchors it under the frame in case the fabric tears. The entire body is covered to prevent fingers, clothing, etc. from getting caught in the moving parts.

TECHNICAL SPECIFICATIONS

Wide-jaw stretching clamp for milling and sifting applications. Single stroke, double effect air cylinder, with Delron guides to minimize friction. Manually operated jaws. Rubber elements for better seizing.

CLAMP SPECIFICATIONS

	TOP 550	TOP 650	TOP 750
Jaw Width	21.7" (550 mm)	25.6" (650 mm)	29.5" (750 mm)
Max Tension	26 N/cm at 7 bar pressure (14.8 lb/in at 100 psi)	22 N/cm 7 bar pressure (12.6 lb/in at 100 psi)	19 N/cm at 7 bar pressure (10.8 lb/in at 100 psi)
Weight	28.4 lb (12,9 kg)	29.5 lb (13.4 kg)	30.6 lb (13.9 kg)

TECHNICAL SPECIFICATIONS

Stroke	5.5" (140 mm)
Length	25.2" (640 mm) Total length
	18.9" (480 mm) Length from edge of frame
Height	9.8" (250 mm) Working condition
	16.7" (425 mm) With open leverage
	7.3" (185 mm) Height at fabric position
Structure	ABS / reinforced nylon body, extruded aluminum components
Frame Support	Adjustable according to frame thickness – modular spacers
Colors	Blue / grey
Control Panel	Stretch/return selector, regulator, pressure gauge
Air Supply	Compressed air, 100 psi max (7 bar)
	Two 6 x 4 mm, 3 m long (10') tubes, for each clamp quick connectors on both clamp and control panel



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