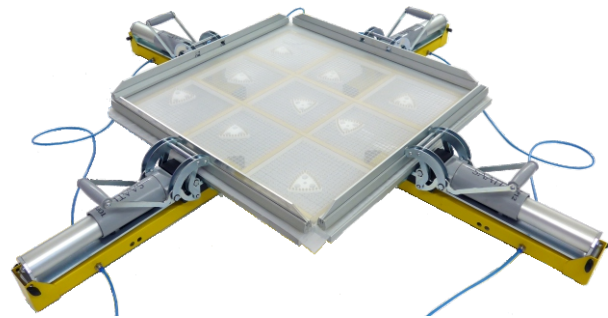


# Milling accessories

## 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 comers.

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                                       |

# Milling accessories

## Adhesives



| Ultrafix product | Mesh count range |
|------------------|------------------|
| Ultrafix SB1     | 6~71 th/cm       |
| Ultrafix SB2     | 71~200 th/cm     |

### Ultrafix SB1 & SB2:

Ultrafix SB1 & SB2 are two component polyurethane adhesives designed for mounting screen mesh onto aluminium, steel, iron, plastic-coated and wood frames.

They provide an excellent initial adhesion thus allowing screens to be removed from the stretching system only a few minutes after gluing.

They have a superior resistance to solvents, heat and automatic cleaning machines.

**Ultrafix SB1** is a clear, high viscosity adhesive for all fabrics mesh counts.

**Ultrafix SB2** is a blue, low viscosity adhesive for all medium to fine fabrics mesh counts.



| Ultrafix product | Mesh count range |
|------------------|------------------|
| Ultrafix CA 150  | 6~77 th/cm       |
| Ultrafix CA 100  | 77~150 th/cm     |
| Ultrafix CA 50   | 150~200 th/cm    |

### Ultrafix CA Spray-activated Cyanoacrylate:

SaatiChem's Ultrafix CA adhesives are designed for bonding wire cloth and synthetic screens to wood or metal frames. It cures instantly and is easy to use.

#### Ultrafix CA Activator

UltraFix CA Activator cures cyanoacrylate adhesive instantly and is available in two types of dispensers: aerosol and pump.

#### Ultrafix Remover

Ultrafix Remover is a convenient gel which removes Ultrafix adhesives. This gel is effective on urethane-based and cyanoacrylate adhesives.

#### Ultrafix CA Debonder

Ultrafix CA Debonder removes cyanoacrylate adhesives and is sold with a pump dispenser. The process softens and dissolves Ultrafix CA series as well as C-Flex.

#### Poly Squeegee (Scrapers)

Poly Squeegee (scrapers) are available in 50mm x 75mm size.