



Worldwide Industrial Seaming

## Seamatic SC8







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The innovative Seamatic SC8 is a new development for high speed seaming. This new machine design is not intended to replace the SC5 series of Automatic Seaming Machines, but to add greater depth to our vast repertoire of seaming machines and peripheral equipment.

The SC8 was designed specifically for high speed seaming of rather narrow seams and perfectly woven and heat set fabrics; only then can the SC8 reach its maximum speed and give you an efficiency never reached before in your seaming production.

#### TECHNICAL DATA:

Seam width .....	65 – 140 mm
Seam performance .....	over 6.600,- thread pairs per hour; up to 7.000,- on selected fabrics and seam widths
Weft thread diameter .....	0,10 – 0,40 mm
Warp thread diameter .....	0,11 – 0,38 mm
Harness capacity .....	640 threads standard 896 maximum at extra cost
Ambient temperature .....	0 – 35°
Humidity .....	20 – 80 %

#### DISTINCTIVE FEATURES:

- Stäubli UNIVAL jacquard liquid cooled
- Electronically adjustable shed opening of max. 190 mm; total flexible shed forming on each individual shed
- Newly designed harness for extended harness thread life (virtually no wear)

- Revolutionary thread separator design minimizing picking problems
- Double thread separator on request at extra cost
- Ergonomic design
- Small machine footprint
- Under seam accessibility
- Adjusting scales on all components
- Adjustable harness
- Adjustable machine deck plates
- High speed drive for returning machine to start position
- Adjustable machine table
- Re-designed automatic steering system
- Touch screen operator interface on Windows XP basis
- Fabric set up information stored on USB Stick
- WIS, Windows based "splice point design software"
- All moving parts are designed for optimal weight ratio
- Interlace and transfer gripper arms moved by servo motors and stepper motors respectively
- Transfer arm pivot for high speed operation eliminating necessity for lateral movement
- Individual gripper head thread fault detection
- Interlace gripper and thread separator retry function
- Balanced servo sley
- High speed sley wave
- Spring box for individual weft thread tensioning
- Belt support system