

# SAM-21

Extra heavy duty, Programmable electric pattern sewing machine.  
(Auto. thread trimming model is available)



SAM-21

**SEIKO is the only machine of its kind in the world,  
the machine can be used to stitch many heavy duty materials.**

## Applications

For sewing extra heavy weight materials.

Suitable for sewing products such as cargo slings, safety harnesses particularly for automotive and aviation industries, pipe slings, heavy lifting equipment, industrial work boot applications, balloons, parachutes, heavy duty equestrian harnesses and construction barriers.



## Features

- User programmable from pad or notebook PC.
- Standard memory on machine per patterns 150/floppy disk up to 8,000 stitches
- Sewing pattern storage is in control box and or floppy disk.
- Heavy duty X-Y movement.
- Stitch length is 0.1mm to 12.7mm.
- Pneumatic BAS clamping
- Powerful adjustable clamp.(webbing up to 3" wide)
- Large barrel shuttle & bobbin. (31.7mm dia. × 44.1mmL)
- Thread trimmer cuts the thread and holds them during start of next sewing cycle.



Auto pneumatic lift



Control box and floppy disk

## Specifications

| Variety                | SAM-21   |
|------------------------|--|
| Number of needle       | Single needle  |
| Max. speed             | 600 s.p.m.   |
| Max. stitch length     | 1/2" (12.7 mm)   |
| Needle bar stroke      | 2-19/32" (66 mm)   |
| Needle(standard)       | Schmetz 1000H (#250)   |
| Thread                 | #0 (standard) ~ #00  |
| Hook                   | Large shuttle hook   |
| Work holder lift       | 1-1/4" (32mm)  |
| Scale up/down function | 10-200% for each X-Y axis (0.1 increment/step)                                 |
| Thread trimmer(option) | Heat cutting system  |
| Thread take up lever   | Cam type   |
| Lubrication            | Hand type  |
| Sewing area            | (X)250mm × (Y)150mm (Large area and special clamps available by special order) |
| Motor                  | Limi Servo motor (550W)  |
| Voltage                | 220/240V single phase  |
| Weight                 | 300Kg  |

**NOTE**

- (1) Speed depends on threads, materials and type of operation.
- (2) Specifications subject to change without notice



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