

# SAM-23

Single needle, Long arm, Super heavy duty,  
Large oscillating shuttle hook,  
Programmable electronic pattern sewing machine



**SAM-23**

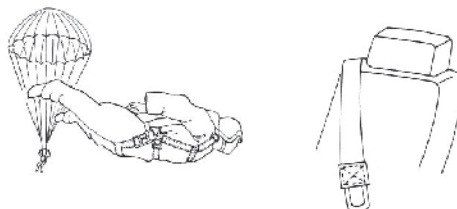
## Variety

### **SAM-23**

Standard model

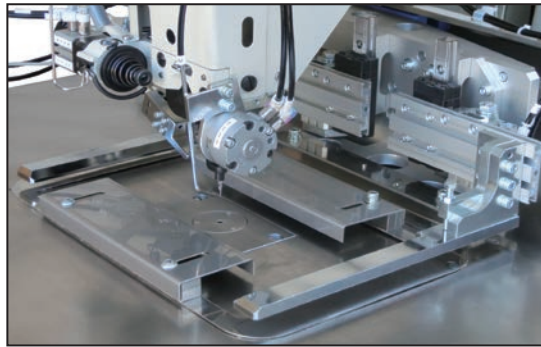
## Applications

- For sewing super heavy weight materials.
- Suitable for sewing products such as safety and logging belts, cargo slings, harnesses, construction barriers, parachutes, balloons and book binding.



## Features

- Stitch pattern can be stored in the memory of control box with USB memory.  
(Max.20,000 stitches)
- Reliable programmed X-Y movement for Heavy Duty.
- Stitch length is 0.1mm to 13.0mm.
- Reliable clamping system to hold material stably by pneumatic control system.
- Extra large oscillating shuttle minimizes the time to replace the bobbin thread.
- You can also choose one with a thread trimmer.  
Thick thread can be cut smoothly by heat cutting.



Reliable clamping system

## Specifications

Variety	<b>SAM-23</b>
Number of needle	Single needle
Max. sewing speed	500 s.p.m.
Max. stitch length	33/64" (13 mm)
Needle bar stroke	2-19/32" (66 mm)
Needle(standard)	Schmetz 1000 #250 (#27)
Thread	#0 (standard) - #00
Hook	Large oscillating shuttle hook
Amount of inside presser foot	1-1/2" (38 mm)
Amount of outside presser foot	1-7/64"(28 mm)
Bobbin size	Φ 1-17/64" (Φ 32.3 mm), t=1-47/64"(44.2 mm)
Sewing area (multiple choice)*1	i ) (X)250 mm x (Y)150 mm ii ) (X)250 mm x (Y)150 mm iii ) (X)250 mm x (Y)150 mm
Scale up/down function	20-200% for each X-Y axis (1 increment/step)
Thread trimmer	Heat cutting system
Thread take up lever	Cam type
Lubrication	Semi-automatic lubrication type
Voltage	200/240V Single phase

\*1 The sewing area can be selected from i ), ii ), and iii ).  
It cannot be changed later.

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



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