

# SAM-31

High speed, Compound feed and walking foot, Lockstitch sewing machine with automatic thread trimmer, Automatic backtack, Automatic presser foot lift, Gathering machine



## Applications

For sewing soft and thick materials such as leather, vinyl, synthetics and laminated and coated materials

Suitable for sewing such as automobile upholstery, covers and furniture.



## Features

- Gathering
- \* Available 14 kinds of gathering amount
- \* User programmable from gathering device
- Long stitch length(Max. 9mm)
- Large vertical axis hook
- Reliable thread trimming device
- Built-in bobbin winder
- Wide working space(300mm x 120mm)
- Large clearance under presser foot(16mm)



Gathering on the upper only or both of upper & lower ply.

Equip 2 self adjusting valves according to the thickness of materials.

Can use 3-5 mm width of insert tape.

Available to arrange the automatic tape cutter by optional.



## Specifications

Variety	SAM-31
Number of gathering	14 different gathering values
Number of needle	Single needle
Max. speed	3,000 s.p.m.
Max. stitch length	9mm
Clearance under presser foot	9mm (by hand) / 16mm (by automatic foot lifter)
Needle bar stroke	37mm
Needle	DP x 17 #18 ~ 25(#23)
Thread	#30 ~ 1(standard #5)
Hook	Large vertical axis hook
Thread length after trimming	Approx. 1"
Thread take up lever	Slide type
Amount of walking foot movement	1 ~ 7mm
Walking foot movement change	Dial type
Auto presser foot lifting device	Pneumatic
Safety device	Standard
Lubrication	Automatic lubrication type
Working Space	300mm x 120mm

NOTE

(1) Speed depends on threads, materials and type of operation.

(2) Specifications subject to change without notice



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