

M1 Series

Direct-drive, High-speed, Overlock / Safety Stitch Machine

The maximum sewing speed of the M1 series is 6,500 sti/min.

M1-SF type



M1-424SF

Features

- The direct drive system has been adopted.
- Both the control box and the operation panel are integrated with the machine head.

M1-NS type



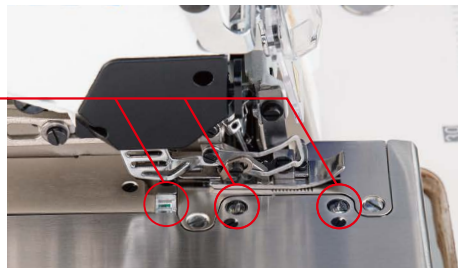
M1-424NS

3-point sensor auto thread trimmer

M1-SF type

The M1-SF type sewing machine is equipped with a 3-point sensor auto thread trimmer. This prevents the operator from accidentally cutting the cloth.

Sensor



LED hand light

The illuminance of the LED hand light can be adjusted in 2 steps for the SF type. (NS type is on / off). It can be adjusted to the illuminance to help the operator to easily carry out work around the needle, thereby helping increase work efficiency.

M1-SF type M1-NS type



M1-424SF

Chain-off thread trimmer Solenoid type

M1-SF type

Auto lifter Solenoid type

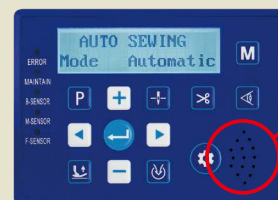
Chain-off thread trimmer

Auto lifter



Operation panel and control box are integrated with the machine head

M1-SF type



Speaker

- **Voice guidance for assisting the operator**
This sewing machine is provided as standard with the voice guidance.

M1-NS type



M1-SF type M1-NS type



USB Port

- **Multi function USB connector**

Since the USB port is provided as standard for the control box, software can be upgraded with ease.

SUBCLASS MACHINE LIST

Seams	Model No.	Materials	Number of needles	Number of threads	Needle gauge (mm)	Overedging width	Number of feed dog rows	Stitch length (mm)	Bottom differential feed ratio	Presser lifting amount (mm)	Needle system	(sti/min) Max sewing speed	Remarks
	1-needle overlock For runstitching in medium-weight material												
M1-304NS/SF	L~M		1	3	—	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	6,500	
	2-needle overlock For runstitching in medium-weight material												
M1-424NS/SF	L~M		2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	6,500	
	Safety stitching For runstitching in medium-weight material												
M1-534NS/SF	L~M		2	5	3.0	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #14	6,500	
M1-556NS/SF					5.0	6.0					DCx27 #18		
M1-634NS/SF					3.0+2.0	4.0					DCx27 #14		
M1-654NS/SF					5.0+2.0								

Sewn product pictogram



OPTION DEVICE

<For SF Type>

Chain-off thread suction device (Blower fan motor type): JINBFX5DXFZZ

Chain-off thread suction device (Pneumatic type): JINBF889UT-DCFZJ-1

SPECIFICATIONS

Model name	M1-304NS M1-304SF	M1-424NS M1-424SF	M1-534NS M1-534SF	M1-556NS M1-556SF	M1-634NS M1-634SF	M1-654NS M1-654SF
Stitch type	1-needle overlock	2-needle overlock	Safety stitching			
Max. sewing speed	6,500 sti/min*					
Stitch length	3.8 mm					
Needle gauge (mm)	—	2.0	3.0	5.0	3.0+2.0	5.0+2.0
Overedging width (mm)	4.0			6.0		4.0
Needle bar stroke	23.0 mm					
Needle	DCx27 #11		DCx27 #14	DCx27 #18	DCx27 #14	
Max.lift of the presser foot	5.0 mm					

*sti/min is the abbreviation for "stitches per minute"

*M1-SF type is equipped with Sensor control / Tape cutter / Auto-lifter.

WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:

Stitch type	U.S.A	Code	Chain-off thread trimmer / auto lifter	Control box	Code	Needle gauge (mm)	Overedging width (mm)	Feed dog	Code
1-needle, 3 thread overlock	504	3	Not provided	without Chain-off thread trimmer	NS	—	4.0	3-row	04
2-needle, 4 thread overlock	514	4		with Chain-off thread trimmer	SF	2.0	4.0	3-row	24
2-needle, 5 thread safety stitch	516	5	Solenoid type	with Chain-off thread trimmer	SF	3.0	4.0	3-row	34
3-needle, 6 thread safety stitch	—	6				3.0+2.0	4.0	3-row	34
						5.0+2.0	4.0	3-row	54
						5.0	6.0	3-row	56

*M1-534 is Needle gauge 3.0mm.

*M1-634 is Needle gauge 3.0 + 2.0mm.



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* Specifications and appearance are subject to change without prior notice for improvement.

* Read the instruction manual before putting the machine into service to ensure safety.

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