

# M-1 Series

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

*The maximum sewing speed of the M-1 Series is 7,000 sti/min.*

M-1-SF type

M-1-AE type

M-1-NS type

M-1-NL type

M-1-SF type



M-1-NS type



## Features

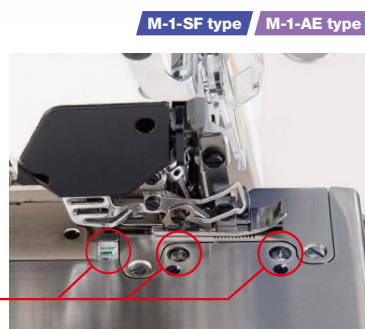
- The direct drive system has been adopted.
- Both the control box and the operation panel are integrated with the machine head.

## 3-point sensor auto thread trimmer

The M-1-SF type sewing machine is equipped with a 3-point sensor auto thread trimmer. This prevents the operator from accidentally cutting the cloth.

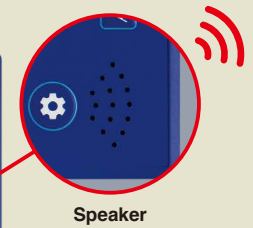
- M-1-AE type is a 2-point sensor auto thread trimmer.

Sensor



## Operation panel and control box are integrated with the machine head

M-1-SF type M-1-AE type



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

M-1-NS type M-1-NL type



## LED hand light

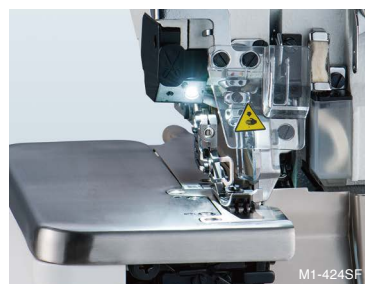
M-1-SF type

M-1-AE type

M-1-NS type

M-1-NL type

The illuminance of the LED hand light can be adjusted in 2 steps for the SF type / AE 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.



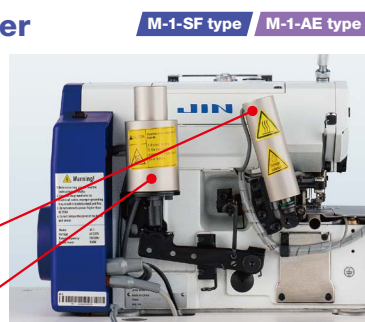
## Chain-off thread trimmer Solenoid type

### Auto lifter Solenoid type

- M-1-AE is a pneumatic type auto lifter and a side cutter.

Chain-off thread trimmer

Auto lifter



M-1-SF type M-1-AE type M-1-NS type M-1-NL 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.

## OPTION DEVICE

<For SF Type, AE Type>

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

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

## SUBCLASS MACHINE LIST

Seams	Model No.	Materials	Number of needles	Number of threads	Needle gauge (mm)	Overredging width	Number of feed dog rows	Stitch length (mm)	Bottom differential feed ratio	Presser lifting amount (mm)	Needle system	Max sewing speed (sti/min)	Remarks
	<b>1-needle overlock</b>	For runstitching in medium-weight material											
	<b>M-1-304SF/NS/NL</b>	L~M	1	3	—	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	7,000	
	<b>2-needle overlock</b>	For runstitching in medium-weight material											
	<b>M-1-424SF/AE/NS/NL</b>	L~M	2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	7,000	
	<b>Safety stitching</b>	For runstitching in medium-weight material											
	<b>M-1-534SF/NS/NL</b>	L~M	2	5	3.0	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #14	7,000	
	<b>M-1-556SF/NS/NL</b>				5.0	6.0					DCx27 #18		
	<b>M-1-634SF/NS/NL</b>		3	6	6	3.0+2.0	4.0	DCx27 #14					
	<b>M-1-654SF/NS/NL</b>					5.0+2.0							

Sewn product pictogram



## SPECIFICATIONS

Model name	M-1-304SF, M-1-304NS, M-1-304NL	M-1-424SF, M-1-424AE, M-1-424NS, M-1-424NL	M-1-534SF, M-1-534NS, M-1-534NL	M-1-556SF, M-1-556NS, M-1-556NL	M-1-634SF, M-1-634NS, M-1-634NL	M-1-654SF, M-1-654NS, M-1-654NL
Stitch type	1-needle overlock	2-needle overlock	Safety stitching			
Max. sewing speed	7,000 sti/min*					
Stitch length	3.8 mm					
Needle gauge (mm)	—	2.0	3.0	5.0	3.0+2.0	5.0+2.0
Overredging 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					
Lubrication	Automatic					
Lubricating oil	JUKI Machine Oil 18 (equivalent to ISO VG18)					
Cartridge oil filter	Provided as standard					
Power requirement	Single-phase 220V / Single-phase 110V					
Power consumption	601VA					

\*sti/min is the abbreviation for "stitches per minute" \*M-1-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:

Destination	Code
General export	A
India	F
Turkey (for RoHS)	H

M 1 - [ ] [ ] [ ] [ ] [ ] - [ ]

Stitch type	U.S.A	Code	Needle gauge (mm)	Overredging width (mm)	Feed dog	Code	Chain-off thread trimmer / auto lifter	Control box	Code
1-needle, 3 thread overlock	504	3	—	4.0	3-row	04	Solenoid type	with 3-point sensor auto tape cutter type / Auto lifter (1-phase 220V)	SF
2-needle, 4 thread overlock	514	4	2.0	4.0	3-row	24			
2-needle, 5 thread safety stitch	516	5	3.0	4.0	3-row	34	Pneumatic type	with 2-point sensor side cutter (1-phase 220V)	AE
			3.0+2.0	4.0	3-row	34			
3-needle, 6 thread safety stitch	—	6	5.0+2.0	4.0	3-row	54	Not provided	without Chain-off thread trimmer (1-phase 220V)	NS
			5.0	6.0	3-row	56			
							Not provided	without Chain-off thread trimmer (1-phase 110V)	NL

\*SUBCLASS MACHINE LIST combinations only

\*M-1-534 is Needle gauge 3.0mm. \*M-1-634 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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