

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-1-424SF

M-1-NS type



M-1-424NS

Features

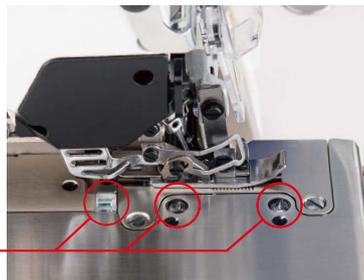
- The direct drive system has been adopted.
- Both the control box and the operation panel are integrated with the machine head.

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



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

Operation panel and control box are integrated with the machine head

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



Speaker

- **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.



M1-424SF

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-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>

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/feeder ratio	Presser lifting amount (mm)	Needle system	Max sewing speed (sti/min)	Remarks
	1-needle overlock	For runstitching in medium-weight material											
	M-1-304SF/NS/NL	L~M	1	3	—	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	7,000	
	2-needle overlock	For runstitching in medium-weight material											
	M-1-424SF/AE/NS/NL	L~M	2	4	2.0	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #11	7,000	
	Safety stitching	For runstitching in medium-weight material											
	M-1-534SF/NS/NL	L~M	2	5	3.0	4.0	3	3.8	1:0.7~1:2	5.0	DCx27 #14	7,000	
	M-1-556SF/NS/NL				5.0	6.0					DCx27 #18		
	M-1-634SF/NS/NL		3	6	3.0+2.0	4.0	DCx27 #14						
	M-1-654SF/NS/NL				5.0+2.0	4.0	DCx27 #14						

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	1.51kwh					

*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
1-needle, 3 thread overlock	504	3
2-needle, 4 thread overlock	514	4
2-needle, 5 thread safety stitch	516	5
3-needle, 6 thread safety stitch	—	6

Needle gauge (mm)	Overredging width (mm)	Feed dog	Code
—	4.0	3-row	04
2.0	4.0	3-row	24
3.0	4.0	3-row	34
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

Chain-off thread trimmer/ auto lifter	Control box	Code
Solenoid type	with 3-point sensor auto tape cutter type/ Auto lifter (1-phase 220V)	SF
Pneumatic type	with 2-point sensor side cutter (1-phase 220V)	AE
Not provided	without Chain-off thread trimmer (1-phase 220V)	NS
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.

* This catalogue prints with environment-friendly soyink on recycle paper. * Paper from responsible sources FSC™ C001712

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