

B-1M Series

1-needle, Lockstitch Buttonholing Machine



SPECIFICATIONS

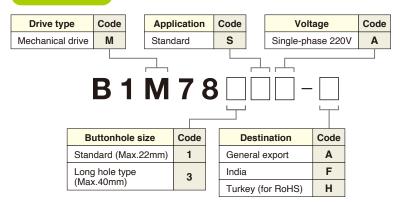
Model name	B-1M781S	B-1M783S			
Application	Standard				
Max. sewing speed	3,600sti/min*				
Needle bar stroke	34.6mm				
Lift of the work clamp	12mm				
Thickness of material that can be used	4mm (with the work clamp lowered)				
Number of stitches	83~225 (by gear-change method)				
Length of buttonholes	22mm	40mm			
Needle	DP×5 #11~#14				
Hook	DP type, automatic-lubricating full-rotary hook				
Lubrication	Automatic				
Lubrication oil	Sewing machin oil #10 (ISO VG10)				
Power supply	Single-phase 220V				
Weight	Machine head (include motor) 50kg				

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

WHEN YOU PLACE ORDERS

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

Machine head





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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



The control box is integrated into the head

accuracy, thereby demonstrating improved responsiveness.

The control box is integrated with the head of the sewing machine, making it easy to set up and use.

The B-1M Series adopt the direct drive system. As a result, Quietness of the sewing machine during sewing is ensured by the direct-drive motor. The sewing machine starts up swiftly and promises increased stop



Comfortable working environment

The knife mechanism and stop-motion mechanism produce less noise when they actuate, thus contributing to a more comfortable working environment. Thanks to the simple design of the stop-motion mechanism and unique knife mechanism, the machine operates with low noise. The machine starts, decelerates and stops smoothly.

Lift of the work clamp



The work clamp foot height can be increased up to 12 mm, enabling the machine to make high-quality buttonholes in heavy-weight materials. The lifting of the work clamp is driven by a motor, which reduces operator work. The operation can be easily done with one pedal.

LED light

The LED light is located on the underside of the arm jaw. It is provided as standard for all models of the B-1M Series. It reduces operator fatigue and improves work efficiency.

In addition, this needle drop point can be easily visually observed. This permits easy positioning of buttonholes.



Sewing settings can be easily changed

This machine is capable of forming two different types of stitches, namely whip stitch and purl stitch.

Purl stitch

When applying higher tension to the needle thread to permit it to pass straight through fabric, the purl stitch is formed by the bobbin thread which is pulled over from both sides to the center line.



Whip stitch

The whip stitch is formed in zigzag shouwing the needle thread only top of fabric, and the bobbin thread on the bottom.



Standard operation panel

The sewing machine has been integrated with the operation panel and the control box for ease of use. The operation panel has a simple design that allows the user to adjust the origin position of the feed cam and change the sewing speed.



Changing the number of stitches The gears are ibcluded in the standard accessories

Spur gears

By selecting the spur gears, your can control the number of stitches as shouwn in the table. Use a combination of gears which have the samealphabetical marks.

The numeral engraved on the gear installed in the rear position will represent the number of stitched provided by the then combination of spur gears.





List of the subclass machines according to their applications

Subclass models	Application	Stitch formation	Buttonholing size (mm)			
		<u></u> ⊢ A — →	Α	6.4~19.0	Α	6.4~31.7
	Application	FAMMAMAMAMA TB ← C →	В	2.5~4.0	В	2.5~5.0
			С	Max. 22	С	Max. 40
Standard type	Men's shirts, blouses, working wear, ladies' wear	Promonanananananananananananananananananan	B-1M781		B-1M783	