



High speed single needle straight lock stitcher

SL-1110

- Stable sewing with low thread tension
- Preventing staining with oil from the needle bar and thread take-up area
- Max. sewing speed 5,500 rpm



SL-1110-3

The machine provides stable sewing without oil staining, offering excellent durability.

Preventing staining with oil from the needle bar and thread take-up area (Minimum lubrication type)

For the lubrication to the needle bar and thread take-up area, a wick lubrication system has been adopted to keep the oil supply to the area to a minimum. Oil leakage from the needle bar, which is the main cause of oil staining with lock stitchers, can be prevented, enhancing reliability for stain-free sewing.



Stable quality sewing with optimal thread tightening

Low thread tension sewing

The mechanisms of the thread take-up, rotary hook and feed are optimally designed for the stable, low thread tension sewing. Ideal seams with optimal thread tightening can be obtained regardless of the type of the thread.

Preventing puckering and material slippage

With the eccentric feed bar stud, the tilt of the feed dog can be adjusted. This prevents puckering and material slippage.



Support for use of attachments

The machine is equipped with some attachment taps on the top of the bed for the use of attachments on the market.



Specifications

SL-1110-

	Application
1	Light materials
3	Medium materials
5	Heavy materials

	-1	-3	-5
Application	Light materials	Medium materials	Heavy materials
Lubrication to needle bar and thread take-up area	Wick lubrication		
Max. sewing speed	4,000rpm	5,500rpm	4,000rpm
Max. stitch length	4.2mm	4.2mm	5mm
Presser foot height	Presser bar lifter: 6mm, Knee lifter: 13mm		
Needle bar stroke	31mm	31mm	35mm
Needle(DBx1· DPx5)	#9-#11	#11-#18	#19-#22
Feed dog	4 rows		
Height of feed dog	0.8mm	0.8mm	1.2mm
Weight	30kg		
Arm pocket size	Width: 266.5 mm, Height: 127 mm		
Bed size	476mm x 178mm		

Product specifications are subject to change for improvement without notice. Please read instruction manual before using the machine for safety operation.

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Brother Industries, Ltd. Machinery & Solution Company
Mizuho and Minato plants acquired ISO 9001 and 14001 certifications.

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