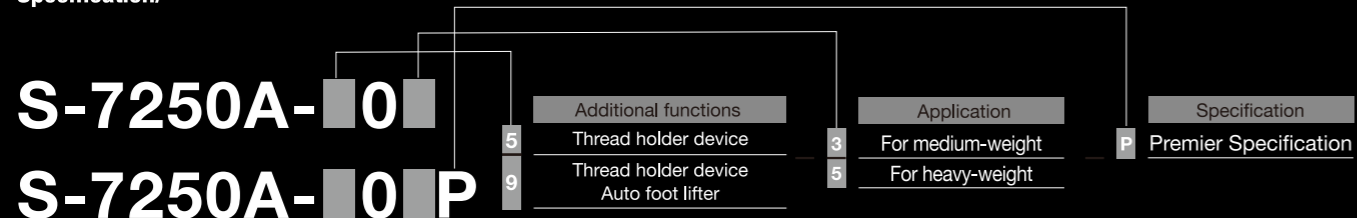


Specification/



S-7250A	-503	-903	-505	-905	-503P	-903P	-505P	-905P
Lubrication type	Minimum lubrication				Minimum lubrication			
Application	Medium materials		Heavy materials		Medium materials		Heavy materials	
Max. sewing speed	5,000sti/min*1		4,000sti/min		5,000sti/min*1		4,000sti/min	
Max. back tacking speed	3,000sti/min				3,000sti/min			
Max. stitch length	5mm		Max.7mm(default setting)		5mm		Max.7mm(default setting)	
Thread trimming mechanism	Single action trimming mechanism(Ordinary)				Double action trimming mechanism			
Presser foot height	Presser bar lifter: 6mm, knee lifter: 13mm, Auto foot lifter: 10mm							
Needle bar stroke	31mm		35mm		31mm		35mm	
Needle(DB×1·DP×5)	#11-#18(Nm75-110)		#19-#22(Nm120-140)		#11-#18(Nm75-110)		#19-#22(Nm120-140)	
Height of feed dog	0.8mm		1.2mm		0.8mm		1.2mm	
Weight	35kg	38.6kg	35kg	38.6kg	35kg	38.6kg	35kg	38.6kg
Motor	AC servo motor				AC servo motor			
Power	100V-110V(*2), 200V-230V, 380V-400V(*2)under 450VA							

*1 Stitch length 2.0mm and under.
*2 The transformer is required.

Optional parts / Hand switch<SB7924001>

S-7250A

Single Needle Direct Drive Lock Stitcher
with Electronic Feeding System and Thread Trimmer

Best Productivity is DigiFlex Feed

Equipped the innovative DigiFlexFeed System for high productivity
Simple and easy-to-use standard lock stitch machine with selected functions

- Reduces needle breakage, puckering and materials slippage with DFF
- Elimination of oil stains due to the adaption of the sealed type oil pan.
- Productivity improvement management utilizeizing IoT



Facebook



Brother GT/ISM Support App



RoHS Compliant S-7250A is compliant with the RoHS Directive(the restriction of the use of certain hazardous substances in electrical and electronic equipment) which came into effect in the EU in July 2006.

Please read instruction manual before using the machine for safety operation.

-Product specifications are subject to change for improvement without notice.

-Photographs are for illustration purpose. They may not represent actual operating conditions and may display optional parts.



Working with you for a better environment
www.brotherearth.com

CHINA	BROTHER MACHINERY SHANGHAI LTD.	https://www.brother.cn/	+86-21-3135-3355
ASIA	BROTHER MACHINERY (ASIA) LTD.	https://www.brother.com.hk/	+852-2777-0010
EUROPE AFRICA, MIDDLE EAST	BROTHER INTERNATIONALE INDUSTRIEMASCHINEN GmbH	https://www.brother-ism.com/	+49-2822-6090
AMERICAS	BROTHER INTERNATIONAL CORPORATION	https://www.brother-usa.com/	+1-908-704-1700

brother

BROTHER INDUSTRIES, LTD.

1-5, Kitajizoyama, Noda-cho, Kariya-shi, Aichi 448-0803, Japan.
Phone: 81-566-95-0088 Fax: 81-566-25-3721 <https://industrialsewingmachine.global.brother/>

2023.10 I3101871Z Vol.4

NEXIO

Best Productivity is DigiFlex Feed

DigiFlex Feed

Direct Electronic Feed Control

DigiFlex Feed, which is world's first equipped on S-7300A and highly evaluated in the market, digitalizes feeding system and resolves various sewing troubles without adjustment work.

- Improvement in the reduction of needle breakage and productivity.
- Simple select and smooth sewing without material slippage.
- Excellent sewing quality that's easy to get proper thread tension in accordance with several materials

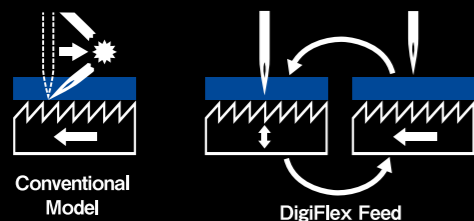
	Feed motion image	Main features
Standard Oval feed		Reduced material slippage
DigiFlex Feed No.1 Front rise feed		Improved thread tightening
DigiFlex Feed No.2 Back rise feed		Reduced puckering
DigiFlex Feed No.3 Rectangular feed		Less needle breakages



Needle Breakage Prevention with Brother Own 3 Functions

1 Optimization of fabric feed timing by changing feed motion of DFF

Fabric can be feed at an appropriate timing so that needle won't break even during thick material sewing.



2 Change from mechanical control to stepping motor control by equipped DFF

Compared to conventional mechanical control, the stepping motor control makes the response of reverse sewing quicker and reduces needle breakage.

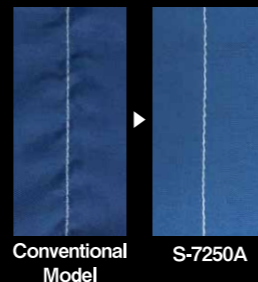
3 Equipped with needle prevent breakage function while reverse sewing

Sensing needle position and controlling proper feed timing that prevent from unreasonable reverse sewing as needle breaks automatically.

A Variety of Functions Realize Ease of Use and Ideal Sewing Quality

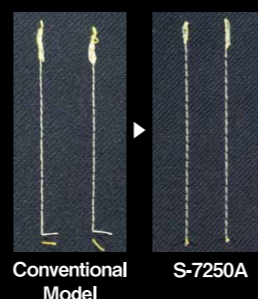
4 Beautiful stitching without puckering

DFF realizes appropriate thread tightening in relation with the fabric and reduces puckering.



5 Short remaining thread, (3mm) doesn't require after-cutting process

The new double action thread trimming mechanism cut's the thread right under the needle hole, realizing the short remaining thread at minimum of 3mm. The disposition of thread ends after sewing can be reduced thanks to the new system. (Premier Spec.)



6 Oil staining prevention

The closed oil tank enables clean sewing more than conventional model's that does stain sewing material. The minimum lubrication system prevents problems such as oil leakage and oil scattering drastically.



7 Easy operation with a simple panel

You can change the stitch length and sewing speed easily. In addition, it is possible to set the stitch length as a numerical value, and the reproducibility of sewing is improved.



8 Useful function are gathered in the hand switch

You can assign the function to switch, so various useful functions are available.

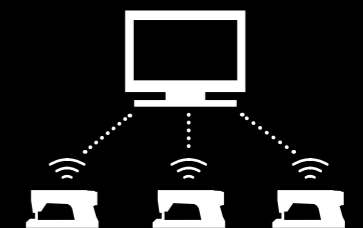
9 Reduction of hanging fabric

By arranging rubber on the back side which had been installed at the four corners of the bed of the sewing machine on the surface, it becomes easier to handle the fabric.

Productivity Improvement by Improving Production Management with IoT

10 Productivity improvement with IoT

NEXIO series are IoT applicable models. The visualization by connecting sewing machine and computer technology enables the customer to analyze, manage processes and speed up productivity improvement and maintenance work.



11 Easy and secure data management with USB

Data transfer to other sewing machines and software upgrade can be done with USB memory easily.