

At your side.  
**brother**®

SINGLE NEEDLE NEEDLE FEED LOCK STITCHER WITH SIDE CUTTER

**SN-771A**

SINGLE NEEDLE NEEDLE FEED LOCK STITCHER  
WITH SIDE CUTTER AND THREAD TRIMMER

**SN-772A**

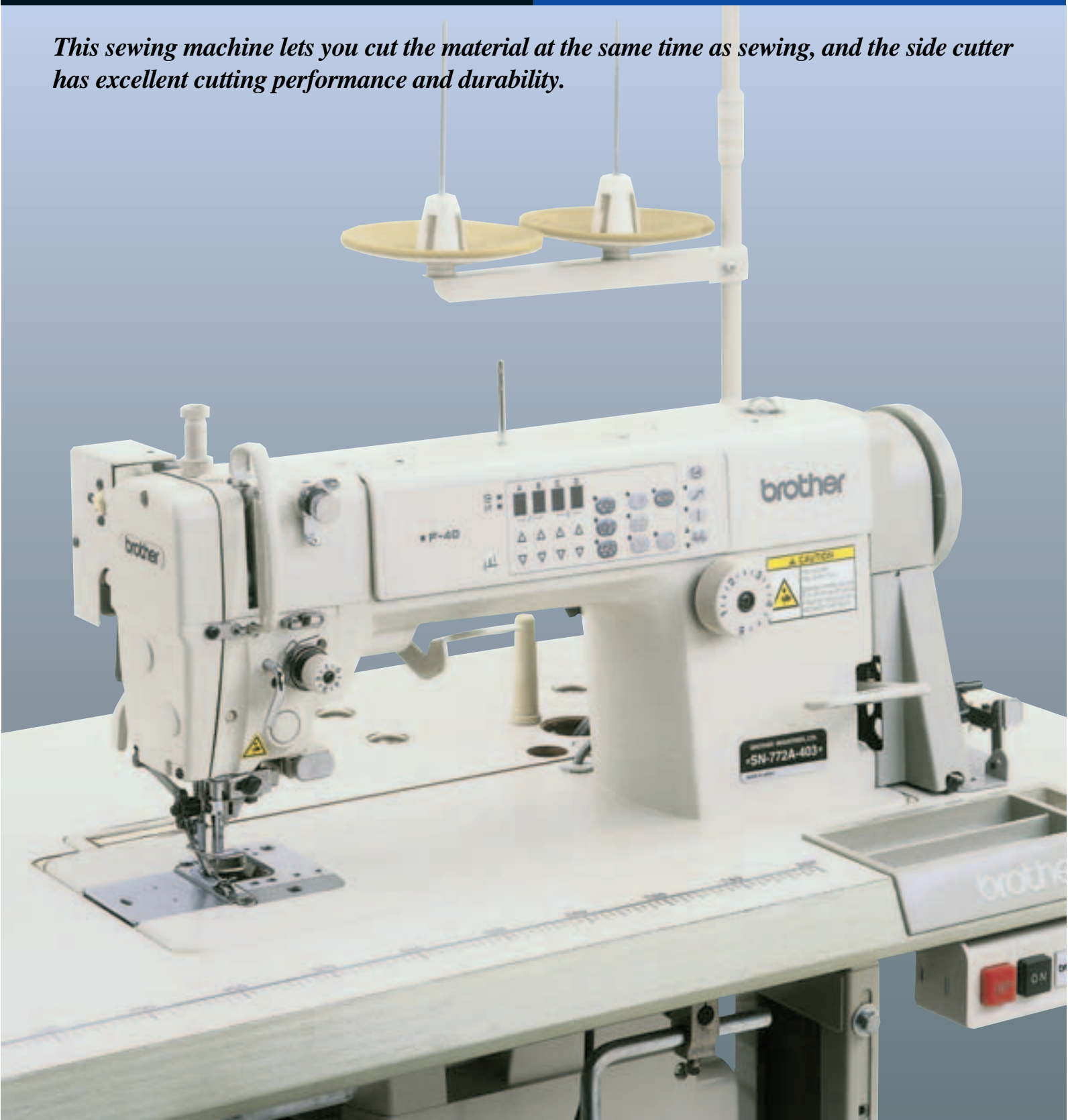
SINGLE NEEDLE STRAIGHT LOCK STITCHER WITH SIDE CUTTER

**SL-777A**

SINGLE NEEDLE STRAIGHT LOCK STITCHER  
WITH SIDE CUTTER AND THREAD TRIMMER

**SL-778A**

*This sewing machine lets you cut the material at the same time as sewing, and the side cutter has excellent cutting performance and durability.*



*This sewing machine lets you cut the material at the same time as sewing, and the side cutter has excellent cutting performance and durability.*

*Bei dieser Nähmaschine wird das Nähgut beim Nähen abgeschnitten.*

*Der Kantenabschneider zeichnet sich durch eine hohe Leistung und eine hohe Beständigkeit aus.*

*Cette machine à coudre permet de couper le tissu tout en cousant, et le couteau latéral coupe très bien et est très solide.*

*Esta máquina de coser le permite cortar el material a la misma vez que lo cose, y el cortador lateral tiene un excelente rendimiento de corte y durabilidad.*

*This is ideal for sewing collars and flaps, and also for plain stitching of hems.*

*The mode can be changed to normal sewing at a single touch, so that the machine can also be used as a standard lock stitcher when not using the side cutter.*

*The standard lower feed type and a needle feed type which prevents uneven material feeding are available for a total of four models in the lineup.*



● Extensive choice of operation panels available (772A · 778A)



**BF-100** This top-of-the-line model includes a stitch number playback function in which the number of stitches sewn can be memorized, making it ideal for pattern sewing. Patterns 1 to 4 are standard patterns, and you can program your own patterns for patterns 5 to 9.



**BF-40** Automatic start, and continuous end backtacking, and fixed-length sewing of up to 99 stitches are possible with this model. Automatic sewing is also possible, and the machine can be upgraded to BF-100 specifications.



**BF-20** Automatic start and end backtacking, and fixed-length sewing of up to 99 stitches are possible with this model. Automatic sewing is also possible, and the machine can be upgraded to BF-40 or BF-100 specifications.



**BF-0** This is the basic model machine. It is equipped with the automatic thread trimmer, and can be upgraded to BF-20, BF-40 or BF-100 specifications as required.

● Panel operation guide

Switch		Panel	BF-100	BF-40	BF-20	BF-0
Basic Function	<b>AUTO</b>	Automatic sewing	○	○	○	—
		Start backtick	○	○	○	—
		End backtick	○	○	○	—
		Continuous backtick	○	○	—	—
		Correction sewing	○	○	○	—
		Half stitch	○	○	○	—
		Sewing speed setting	○	○	○	—
		Slow start sewing	○	○	○	—
Pattern Sewing		Needle up stop/ Needle down stop	○	○	○	—
		Normal lock stitch	○	○	○	—
		Fixed stitch	○	○	○	—
		Name label stitch	○	○	—	—
Pattern Setting		Pleats presser stitch	○	○	—	—
	<b>PATTERN</b>	Pattern stitch	○	—	—	—
		Automatic thread trimming	○	○	○	—
		Automatic presser foot lifting	○	—	—	—
	<b>BACK</b>	Back stitch	○	—	—	—
	<b>CONTINUE</b>	Continuous stitch	○	—	—	—
	<b>DELETE</b>	Step deletion	○	—	—	—
	<b>INSERT</b>	Step insertion	○	—	—	—
<b>FREE</b>	Temporarily cancel programming sewing	○	—	—	—	

# SN-772A

SINGLE NEEDLE NEEDLE FEED LOCK STITCHER WITH SIDE CUTTER AND THREAD TRIMMER

EINNADEL-STEPPSTICH-SCHNELLNÄHER MIT NADELTRANSPORT, AUSSCHALT. KANTENBESCHNEIDEINRICHTG. U. FADENABSCHNEIDER

MACHINE POINT NOUE-1 AIGUILLE-COUTEAU RASEUR-ENTRAÎNEMENT PAR AIGUILLE

PUNTADA RECTA 1 AGUJA DOBLE ARRASTRE CORTAHILOS COSER Y CORTAR



# SN-771A

SINGLE NEEDLE NEEDLE FEED LOCK STITCHER WITH SIDE CUTTER

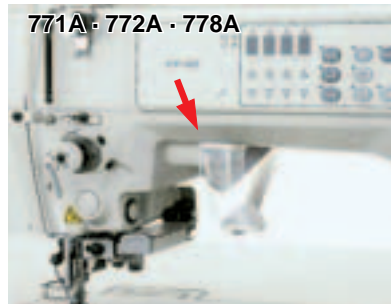
EINNADEL-STEPPSTICH-SCHNELLNÄHER MIT NADELTRANSPORT UND AUSSCHLTBARER KANTENBESCHNEIDEINRICHTUNG

MACHINE POINT NOUE-1 AIGUILLE-COUTEAU RASEUR-ENTRAÎNEMENT PAR AIGUILLE

PUNTADA RECTA 1 AGUJA DOBLE ARRASTRE, COSER Y CORTAR



Knife mechanism which produces stable cutting (771A, 772A, 778A)  
Abschneidevorrichtung für zuverlässiges Abschneiden (771A, 772A, 778A)  
Couteau effectuant une coupe bien régulière (771A, 772A, 778A)  
Mecanismo de cuchilla que produce un corte estable (771A, 772A, 778A)  
Fine adjustments can be made to the upper knife angle using an eccentric shaft, so that attractive, smooth cutting can be obtained at all times regardless of the material type or thickness. The lower knife has an ultra-hard carbide tip which gives greater reliability.



771A - 772A - 778A

Changes between normal sewing and cutting while sewing at a single touch  
Umschalten während des Nähens zwischen normalem Nähen und Abschneiden mit einem Tastendruck  
Passe de la couture normale à la coupe et vice versa en appuyant une seule fois sur une touche.  
Cambia entre costura normal y corte mientras cose de un solo toque  
The side cutter can be raised and lowered at a single touch using an easy-to-operate lever. This lets you change easily between normal sewing and cutting while sewing.

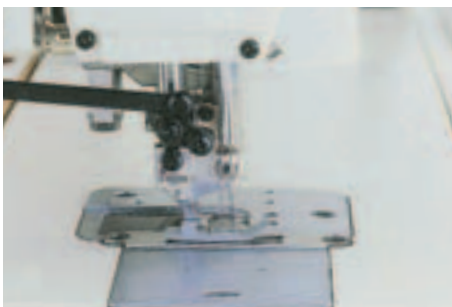


777A



Easily-adjustable needle feed amount (771A, 772A)  
Einfach einstellbarer Nadeltransport (771A, 772A)  
Montant de l'alimentation aiguille aisément réglable (771A, 772A)  
Alimentación por aguja ajustable fácilmente (771A, 772A)

The needle feed augmenting mechanism allows the needle feed to be increased to up to 20% more than the lower feed amount. Adjustment is simple, with an adjustment scale letting you see the current adjustment setting at a glance. This feature prevents uneven material feeding when sewing materials which can easily slip and thick materials.



Uneven material feeding prevention (771A, 772A)  
Verhinderung eines ungleichmäßigen Materialtransports (771A, 772A)  
Prévention de l'entraînement de matériaux irréguliers (771A, 772A)  
Prevención de alimentación despareja de material (771A, 772A)

Movement is transmitted directly from the horizontal feed shaft, so that needle feed and lower feed are perfectly synchronized, thus preventing uneven material feeding.

# SL-778A

SINGLE NEEDLE STRAIGHT LOCK STITCHER  
WITH SIDE CUTTER AND THREAD TRIMMER  
EINNADEL-STREPPSTICH-SCHNELLNÄHER MIT SEITL.  
KANTENBESCHNEIDUNG UND FADENABSCHNEIDER  
PIQUEUSE 1 AIGUILLE-POINT NOUE  
COUTEAU RASEUR ET COUPE-FILS  
1 AGUJA COSER Y CORTAR CON CORTAHILOS



# SL-777A

SINGLE NEEDLE STRAIGHT LOCK STITCHER WITH SIDE CUTTER  
EINNADEL-STREPPSTICH-SCHNELLNÄHER MIT SEITL. KANTENBESCHNEIDUNG  
PIQUEUSE 1 AIGUILLE-POINT NOUE COUTEAU RASEUR  
1 AGUJA COSER Y CORTAR



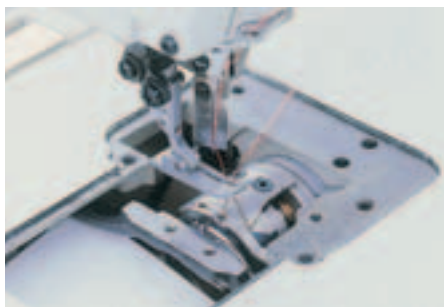
29.5 mm wide duster hole  
Stauböffnung 29,5 mm breit  
Orifice de dépoussiérage de 29,5 mm de large  
Orificio de desperdicios ancho de 29,5 mm

Scraps cut from the material are conveyed smoothly through this wide duster hole to the duster chute. This keeps the top of the work table clean at all times and lets the next operation proceed without any trouble. Furthermore, when not using the side cutter, the sewing machine can be used as a normal lock stitcher by attaching a needle plate cover.



Built into arm to dramatically boost ease of operation  
Für gesteigerten Bedienungskomfort im Arm eingebaut  
Incorporé au bras pour améliorer considérablement la  
facilité d'utilisation

Incorporado en el brazo para lograr una gran facilidad de uso  
The cutter drive mechanism is built into the arm, allowing more space around the needle, and generally making it easier to handle the material.



Scissor-type thread trimmer (772A, 778A)  
Scherenartiger Fadenabschneider (772A, 778A)  
Coupe-fils de type ciseaux (772A, 778A)  
Cortahilos tipo tijeras (772A, 778A)

Cotton threads from #120 to #6, spun yarn threads, polyester threads and nylon threads can all be cut cleanly with no adjustments needed. Stable thread trimming performance can be obtained at all times.



Reduced noise from shocks during reverse operation (772A, 778A)  
Verringerte Betriebsgeräusche von Schlägen beim Rückwärtsnähen (772A, 778A)  
Bruit de chocs réduit lors du fonctionnement en marche arrière (772A, 778A)

Reduce el ruido de los golpes durante el funcionamiento hacia atrás (772A, 778A)

A damper has been fitted to reduce noise from reversing during automatic backtacking.



Dial lock lever equipped as standard (772A, 778A)  
Scheibenfeststellhebel gehört zur Standardausrüstung (772A, 778A)

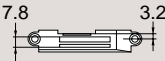
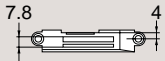
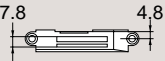
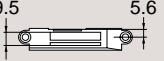
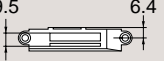




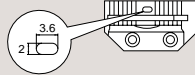
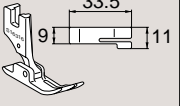

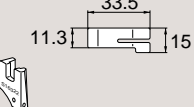
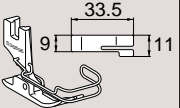
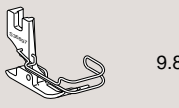
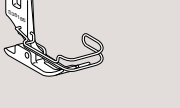






Levier de verrouillage de molette fourni en équipement standard (772A, 778A)

Palanca de bloqueo de dial equipada estándar (772A, 778A)

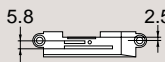
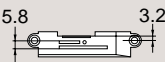
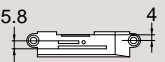
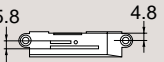
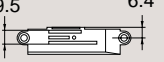
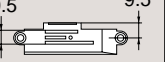




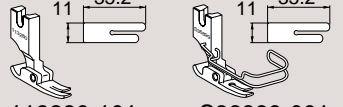
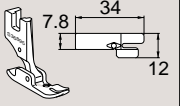
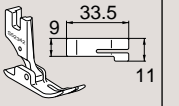
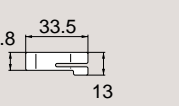
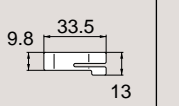

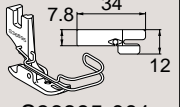
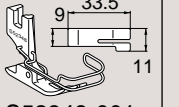











A dial lock lever prevents the feed adjustment dial from moving from its set position under all sewing conditions.

## ● Gauge parts










### 771A, 772A

Cutting width	3.2mm (1/8)	4.0mm (5/32)	4.8mm (3/16)	5.6mm (7/32)	6.4mm (1/4)	9.5mm (3/8)
Needle plate	 S16292-001	 S16293-001	 S16294-001	 S16295-001	 S16296-001	 S16297-001
Feed dog	 S16339-101	 S16340-101	 S16341-101	 S16342-101		
Presser foot assy	 S16316-101	 S16320-101	 S16322-101			
	 S36896-001	 S36897-001	 S38186-001			
Sewing scraps guide (For standard)	 S16376-001	 S16377-001	 S16378-001		 S16379-001	
Sewing scraps guide (For rear knife)	 S16380-001			 S16381-001		

### 777A, 778A

Cutting width	2.5mm (3/32)	3.2mm (1/8)	4.0mm (5/32)	4.8mm (3/16)	6.4mm (1/4)	9.5mm (3/8)
Needle plate	 S10569-101	 S10570-101	 S10571-101	 S10572-101	 S10573-101	 S10574-101
Feed dog	 S10583-001				 S10584-001	
Presser foot assy	 S10576-101	 S36895-001	 S113280-101			
	 S10576-101	 S52342-001	 S52344-001	 S52349-001	 S113280-101	
	 S36895-001	 S52348-001	 S52344-001	 S52349-001	 S36899-001	
Sewing scraps guide	 S10609-001				 S10614-001	
	 S16376-001	 S16377-001		 S16378-001	 S16379-001	
	 S16380-001				 S16381-001	

## ● Specification

									
	Lock stitch	Bottom feed	Needle feed	Medium materials	Height of presser foot	Stitch length	Side cutter	Thread trimmer	Max. sewing speed
<b>771A</b>	★	—	★	★	Manual 6 mm Knee 11 mm	5mm	★	—	5,000rpm
<b>772A</b>	★	—	★	★	Manual 6 mm Knee 11 mm	5mm	★	★	5,000rpm
<b>777A</b>	★	★	—	★	Manual 6 mm Knee 13 mm	4mm	★	—	4,500rpm
<b>778A</b>	★	★	—	★	Manual 6 mm Knee 11 mm	4mm	★	★	5,000rpm

SN-771A-

Application
3 Medium materials

SL-777A-

Application
3 Medium materials

SN-772A-  0  /

	Thread trimmer	Quick back device	Thread wiper	Presser foot lifter	Application	Operation panel
					3 Medium materials	BF-0
<b>1</b>	○	—	—	—		BF-20
<b>4</b>	○	○	○	—		BF-40
<b>9</b>	○	○	○	○(Solenoid)		BF-100

SL-778A-  0  /

	Thread trimmer	Quick back device	Thread wiper	Presser foot lifter	Application	Operation panel
					3 Medium materials	BF-0
<b>1</b>	○	—	—	—		BF-20
<b>4</b>	○	○	○	—		BF-40
<b>9</b>	○	○	○	○(Solenoid)		BF-100

## ● Options



### Edge sensor (772A - 778A)

The sensor detects the cloth edge and automatically stop at the specified position.

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

**brother**<sup>®</sup>  
BROTHER INDUSTRIES, LTD.

15-1, Naeshiro-cho, Mizuho-ku, Nagoya 467-8561, Japan.  
Phone: 81-52-824-2177 Fax: 81-52-811-7789 <http://www.brother.com/>

ARCH SEWING  
215.627.1768  
[www.archsewing.com](http://www.archsewing.com)