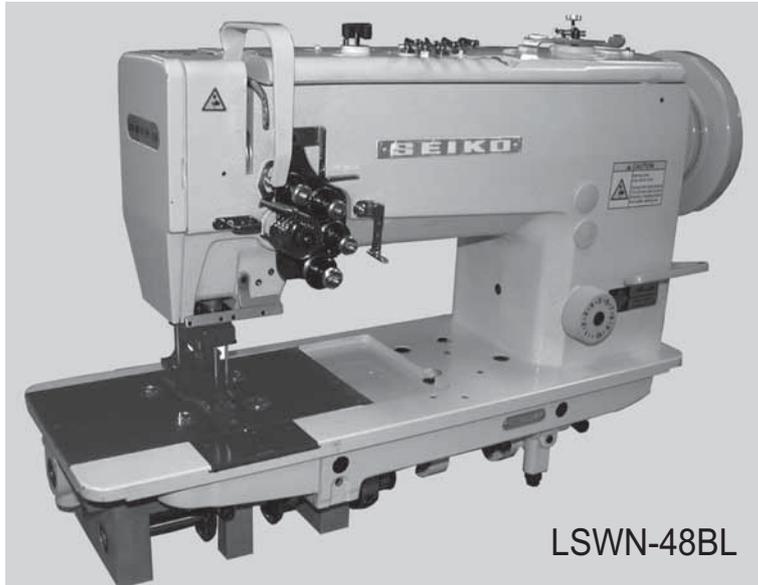


# LSWN -48BL (& 46BLR)

Four(4) needle, High speed, Large vertical axis hook, Reverse stitch, Compound feed and walking foot, Lockstitch machines

< PATENT PENDING >



LSWN-48BL

## Variety



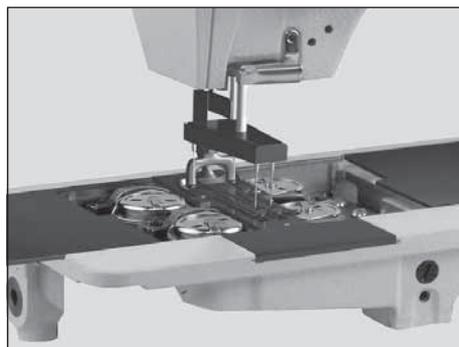
### LSWN-48BL

Compound feed and walking foot, reverse stitch



### LSWN-46BLR

Drop feed with puller feed, reverse stitch



Large hook 2.0 times

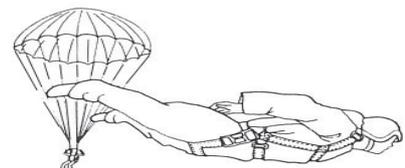


LSWN-46BLR

Lower feed & Puller feed

## Applications

- For sewing medium weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as boat and furniture upholstery, parachutes, tarpaulins, covers, awnings, tents, sports and camping equipment, wearing apparel, outdoor clothing, footwear, foundation garments etc.



# LSWN-48BL & 46BLR

## Features

- Totally renewed external appearance./adoption of advanced and massive arm design (realizing lower noise less vibration).
- Uniform stitching of long runs by compound and walking foot mechanism, without cloth puller.
- Adoption of feed-adjusting dial which eases determination process of stitch length.
- Advanced penetration required for sewing of thick material/adoption of large pulley(O.D. 150mm) which enables the needle bar to be positioned properly.
- Elongated work space/adoption of built-in bobbin winder which no longer require mounting process.
- Adoption of die-casting oil pan of which by-knee-lifter is built-in, aiming at efficient installment
- Standard equipment of long stitch (max.10mm) suitable for thick material and amount of alternative presser lift (max. 6mm)
- Large vertical axis hook (Automatic hook lubrication).
- Safety clutch prevents the hook from being damaged.



sewn stitch 1/4"-5/16"-1/4"



Feed-adjusting dial

## Specifications (LSWN-48BL & 46BLR)

Variety	LSWN-48BL		LSWN-46BLR
Number of needle	Four(4) needle		
Max. sewing speed	2500(s.p.m.)		
Max. stitch length	25/64" (10 mm)		1/4" (6 mm)
Clearance under presser foot	by knee	33/64" (13 mm)	
	by hand	21/64" (8.5 mm)	
Needle gauge Standard	1/4"-5/16"-1/4" (6.4mm × 8mm × 6.4mm)		
Needle gauge (option)	1/4"-1/4"-1/4" (6.4 × 6.4 × 6.4)mm and 1/4"-3/8"-1/4" (6.4 × 9.6 × 6.4)mm		
Needle bar stroke	1-5/16" (33.2 mm)		
Needle(standard)	DPx17 (#22) , 135x17 (#140)		DPx17 (#19)
Thread	#8 (standard)		#30(standard)
Hook	Large vertical axis hook (2.0 times)		
Amount of lift of walking foot	1/8"-15/64" standard 5/32" (3 - 6 mm) (standard 4 mm)		—
Thread take up lever	Slide type		
Lubrication	Semi-automatic type		
Bed size	20-25/64"x 7" (518 x 177 mm)		
Working space	10-5/32"x 4-21/64" (258 x 110 mm)		
Motor	Clutch motor		
Net weight(Head only)	46Kg		45Kg

NOTE (1) Speed depends on threads, materials and type of operation  
(2) Specifications subject to change without notice



**SEIKO SEWING MACHINE CO., LTD.**

1-11-3, Imado, Taito-ku, Tokyo 111-8534, Japan

Phone : +81-3-3872-6173 (Overseas dept.)

Fax : +81-3-3873-6596

E-mail : export@seiko-sewing.co.jp

Printed in Japan 2005.08

<http://www.seiko-sewing.co.jp/>