

JAPAN MADE HEAVY DUTY SEWING MACHINE.

With more than 80 years experience in heavy duty market, we supply many models to be used for various different applications.



INDUSTRIAL SEWING MACHINE CATALOG



Contents

Model code information

Model code information	2
Meaning of symbols used	2

Flat bed sewing machine

BLW series	3
H-2BL-AE-1	7
H-2BLC-DM	9
LSW single needle series (edge trimming)	11
LSW two needle series (angular stitch)	13
LSWN single needle series	15
LSWN two needle series	17
SK series	19
SLH series	21
STH-8BLD-3	23
TH series	25

Post bed sewing machine

BBWP series	27
LHPWN series	31
LPW-28BLK (angular stitch)	33

Cylinder bed sewing machine

BSC series	35
CH series	39
CW series	41
LCWN single needle series	43
LCWN two needle series	45
LSC series	47
TE series	49

Zig-zag sewing machine

LZ2 series	51
SKZ series	53

Long arm sewing machine

JW series	55
LSWNH series	57
SK-2B-20-1	59

Double chain stitch sewing machine

LDA series	61
LD series	63
SSLD series	65

Automated Sewing Machine

SAM-22	67
SAM-40	69

AC servo motor

HVP-i70	71
HVP-i90	73



SEIKO SEWING MACHINE CO.,LTD. started
YouTube Channel.
You can see explanation of each functions
and sewing by movie.

*Air Compressor is required separately to operate **BTFL**(auto back tack and auto foot lift) and **CD-DS**(climbing device and dual stitching) functions.

*Speed depends on threads, materials and type of operation.

*Specification subject to change without notice.

MODEL CODE INFORMATION

BBWP

-28

BLCS-1-BTFL-CD-DS

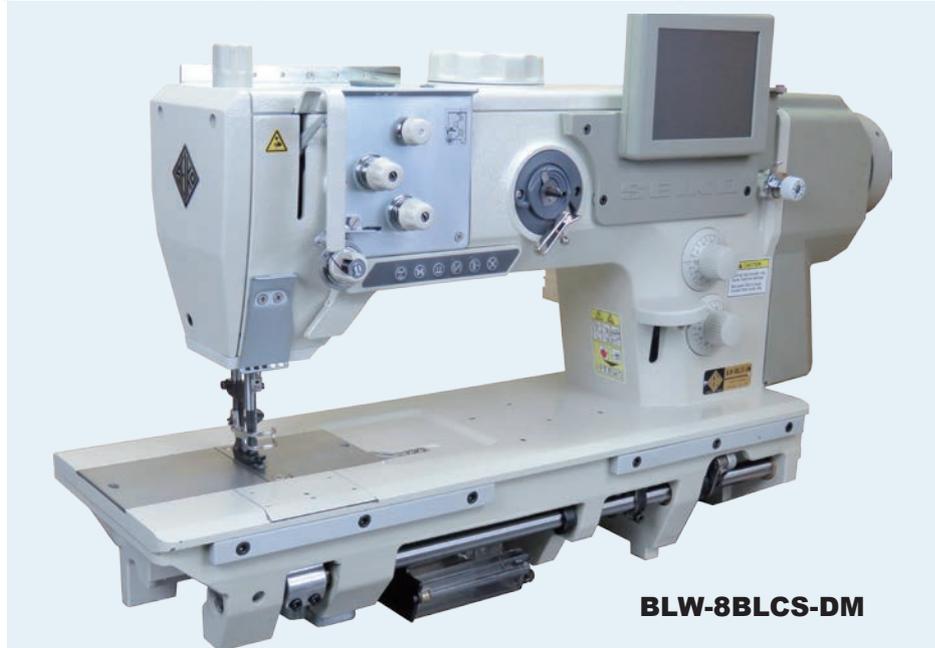
MODEL		FEED		NEEDLE																																														
<input type="checkbox"/> C <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> C	CYLINDER BED	2	UPPER AND LOWER FEED	<input type="checkbox"/>	1-NEEDLE																																													
<input type="checkbox"/> P <input type="checkbox"/> <input type="checkbox"/> P <input type="checkbox"/> P <input type="checkbox"/>	POST BED	6	LOWER FEED	2 <input type="checkbox"/>	2-NEEDLE																																													
<input type="checkbox"/> HP <input type="checkbox"/> P <input type="checkbox"/>	HIGH-POST BED	7	COMPOUND FEED	3 <input type="checkbox"/>	3-NEEDLE																																													
<input type="checkbox"/> J <input type="checkbox"/>	JUMBO BED	8	COMPOUND FEED AND WALKING FOOT	4 <input type="checkbox"/>	4-NEEDLE																																													
<input type="checkbox"/> H <input type="checkbox"/> H <input type="checkbox"/>	HIGH ARM	SUB-CLASS <table border="1"> <tr> <td>B</td> <td>REVERSE</td> <td>LP</td> <td>LEFT POST</td> </tr> <tr> <td>L</td> <td>LARGE HOOK</td> <td>BT</td> <td>AUTO BACK TACK</td> </tr> <tr> <td>K</td> <td>SPLIT NEEDLE BAR</td> <td>FL</td> <td>AUTO FOOT LIFT</td> </tr> <tr> <td>M</td> <td>TRIMMER</td> <td>CD</td> <td>CLIMBING DEVICE</td> </tr> <tr> <td>V</td> <td>SYNCHRONIZED BINDER</td> <td>DS</td> <td>DUAL STITCHING</td> </tr> <tr> <td>VMF</td> <td>FRONT KNIFE AND SYNCHRONIZED BINDER</td> <td>DM</td> <td>DIRECT DRIVE MOTOR</td> </tr> <tr> <td>H</td> <td>HORIZONTAL LOWER FEED</td> <td>20</td> <td>20 INCH ARM</td> </tr> <tr> <td>C</td> <td>THREAD TRIMMER</td> <td>30</td> <td>30 INCH ARM</td> </tr> <tr> <td>CB</td> <td>SMALL SIZE CYLINDER EDGE</td> <td>1</td> <td rowspan="4">MODIFICATION ORDER</td> </tr> <tr> <td>R</td> <td>CLOTH PULLER</td> <td>2</td> </tr> <tr> <td>TA</td> <td>THICK THREAD</td> <td>3</td> </tr> <tr> <td>SF</td> <td>SLIM POST</td> <td>4</td> </tr> </table>				B	REVERSE	LP	LEFT POST	L	LARGE HOOK	BT	AUTO BACK TACK	K	SPLIT NEEDLE BAR	FL	AUTO FOOT LIFT	M	TRIMMER	CD	CLIMBING DEVICE	V	SYNCHRONIZED BINDER	DS	DUAL STITCHING	VMF	FRONT KNIFE AND SYNCHRONIZED BINDER	DM	DIRECT DRIVE MOTOR	H	HORIZONTAL LOWER FEED	20	20 INCH ARM	C	THREAD TRIMMER	30	30 INCH ARM	CB	SMALL SIZE CYLINDER EDGE	1	MODIFICATION ORDER	R	CLOTH PULLER	2	TA	THICK THREAD	3	SF	SLIM POST	4
B	REVERSE					LP	LEFT POST																																											
L	LARGE HOOK					BT	AUTO BACK TACK																																											
K	SPLIT NEEDLE BAR					FL	AUTO FOOT LIFT																																											
M	TRIMMER					CD	CLIMBING DEVICE																																											
V	SYNCHRONIZED BINDER					DS	DUAL STITCHING																																											
VMF	FRONT KNIFE AND SYNCHRONIZED BINDER					DM	DIRECT DRIVE MOTOR																																											
H	HORIZONTAL LOWER FEED					20	20 INCH ARM																																											
C	THREAD TRIMMER					30	30 INCH ARM																																											
CB	SMALL SIZE CYLINDER EDGE					1	MODIFICATION ORDER																																											
R	CLOTH PULLER	2																																																
TA	THICK THREAD	3																																																
SF	SLIM POST	4																																																
<input type="checkbox"/> D <input type="checkbox"/> D <input type="checkbox"/> <input type="checkbox"/> D <input type="checkbox"/> D	DOUBLE CHAIN STITCH																																																	
<input type="checkbox"/> Z <input type="checkbox"/> <input type="checkbox"/> Z <input type="checkbox"/> Z	ZIG-ZAG STITCH																																																	
<input type="checkbox"/> L <input type="checkbox"/>	AUTOMATIC LUBRICATION																																																	
<input type="checkbox"/> B <input type="checkbox"/> B <input type="checkbox"/>	BEARING																																																	
<input type="checkbox"/> N <input type="checkbox"/> N <input type="checkbox"/>	SUCCESSOR MODEL IN NEW GENERATION																																																	
<input type="checkbox"/> H <input type="checkbox"/> H <input type="checkbox"/> <input type="checkbox"/> H <input type="checkbox"/> H	HORIZONTAL AXIS HOOK																																																	
<input type="checkbox"/> W <input type="checkbox"/> W <input type="checkbox"/> <input type="checkbox"/> W <input type="checkbox"/> W <input type="checkbox"/> <input type="checkbox"/> W <input type="checkbox"/> W <input type="checkbox"/> W	VERTICAL AXIS HOOK																																																	

MEANING OF SYMBOLS USED

	LOCKSTITCH		SINGLE NEEDLE		EXTRA LARGE VERTICAL AXIS HOOK		COMPOUND FEED AND WALKING FOOT
	DOUBLE CHAIN STITCH		TWO NEEDLE		LARGE VERTICAL AXIS HOOK		UPPER AND LOWER FEED
	ZIG-ZAG STITCH		THREE NEEDLE		VERTICAL AXIS HOOK		LOWER FEED
	FLAT BED		FOUR NEEDLE		EXTRA LARGE HORIZONTAL AXIS HOOK		COMPOUND FEED
	LONG ARM BED		FIVE NEEDLE		LARGE HORIZONTAL AXIS HOOK		LIGHT WEIGHT MATERIAL
	POST BED		SIX NEEDLE		HORIZONTAL AXIS HOOK		MEDIUM WEIGHT MATERIAL
	HIGH POST BED		NUMBER OF NEEDLES		LARGE OSCILLATING SHUTTLE HOOK		HEAVY WEIGHT MATERIAL
	CYLINDER BED		THREAD TRIMMER		EXTRA LARGE OSCILLATING SHUTTLE HOOK		EXTRA(SUPER) WEIGHT MATERIAL
	VERTICAL EDGE TRIMMING		ANGULAR STITCH		OSCILLATING SHUTTLE HOOK		

BLW series

High speed, Extra large vertical axis hook, Automatic thread trimmer, Automatic back tack, Automatic presser foot lift, Climbing device, Dual stitching device, Compound feed and walking foot, Lockstitch machines



Variety



BLW-8BLCE-DM

Single needle, Direct drive motor, E type presser foot (*)



BLW-8BLCS-DM

Single needle, Direct drive motor, S type presser foot (*)



BLW-8BLCE

Single needle, E type presser foot (*)



BLW-8BLCS

Single needle, S type presser foot (*)



BLW-28BLCE-DM

Two needle, Direct drive motor, E type presser foot (*)



BLW-28BLCS-DM

Two needle, Direct drive motor, S type presser foot (*)



BLW-28BLCE

Two needle, E type presser foot (*)



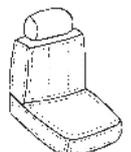
BLW-28BLCS

Two needle, S type presser foot (*)

(*)Two types of Presser foot, E-type European style and S-type American style, are available.

Applications

- For sewing medium to heavy weight materials such as leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as automobile upholstery, tarpaulins, covers, awnings, tents, umbrellas, handbags, luggage, travelware accessories, sports and camping equipment and wearing apparel outdoor clothing.



Features

- Built-in Direct Drive Motor Models

- * Built-in 850W direct drive motor models are also available that will make setting works easier. (**DM** models)

- Secure Feeding

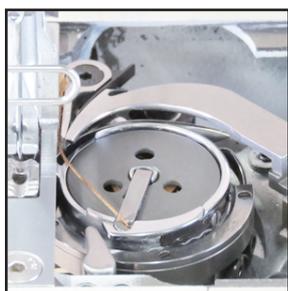
- * Compound Feeding System to make the secure stitches on heavy duty materials, even on slippy or uneven materials.

- Extra Large Size Hook

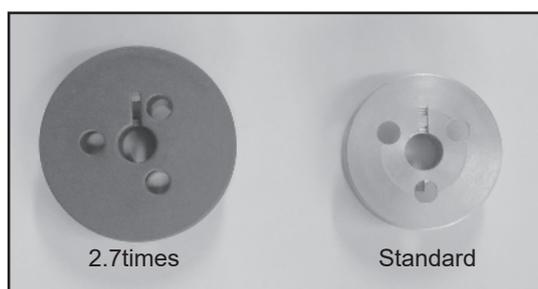
- * 2.7 times large vertical axis hook is equipped for lesser bobbin replacement.

- One touch switchover for two different stitch lengths (**DS** device)

- * Variety sewing materials such as steps, curves, uneven thickness can be performed by one touch switchover setting two different stitch lengths. The efficient work and beautiful finishes will be obtained.



2.7 times large capacity hook



Comparison of the bobbin size



One touch switchover for two different stitch lengths (**DS** device)

- Built-in bobbin winder

- * Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.

- Wide working space

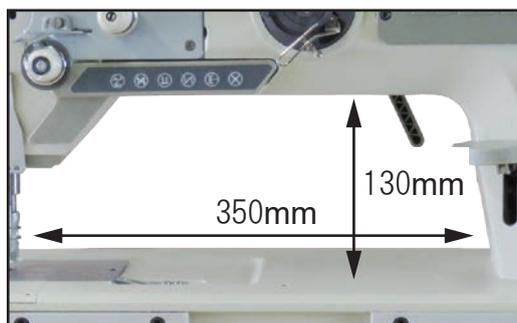
- * Wide working space 13-25/32" x 5-1/8" (350mm x 130mm).

- Good Operability.

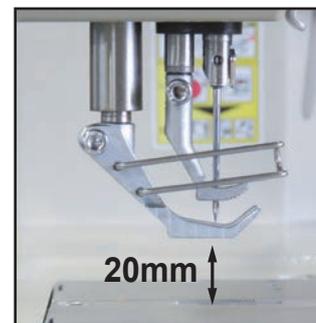
- * Presser foot lift amount 25/32" (20 mm) (by automatic foot lifter).
Needle bar stroke 1-37/64" (40 mm).
Alternating presser foot lift amount 3/64" - 23/64" (1 mm - 9 mm).
- * Adopted a 850W powerful motor for both of a motor built-in model and an outside-motor model in order to strengthen a penetration.



Built-in bobbin winder with fine adjustment function of thread winding amount

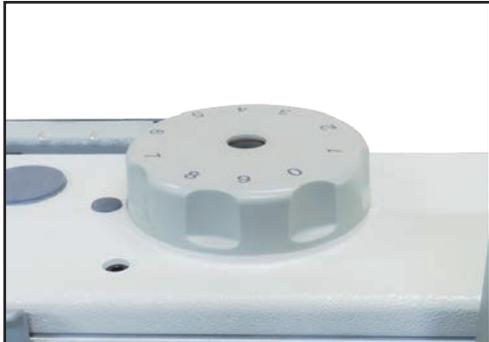


Wide working space



The clearance under the presser foot (20mm)

- Simple setting for alternating presser foot movement
 - * Alternating presser foot movement between inner foot and outer foot can be changed simply by the easy-to-handle dial located at the top of the sewing machine.
- LCD Touch Panel for Easy Setting for Sewing
 - * LCD Touch panel is equipped at front that will make setting works for sewing condition easier.

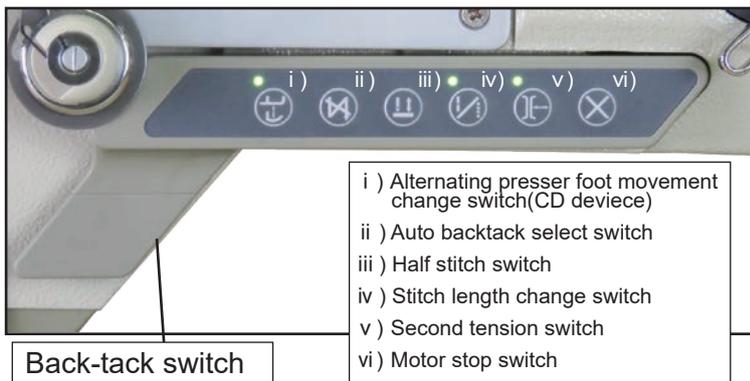


Simple setting for alternating presser foot movement

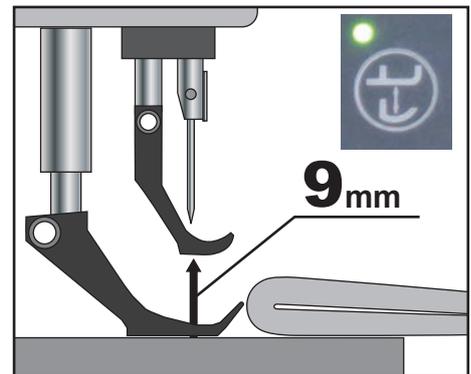


LCD operation touch-panel

- 6 Functional Buttons and Quick Back-Tacking Switch
 - * 6 functional buttons and quick back-tacking switch are equipped at front that will make operation easier even during sewing.
 - Various additional functions will increase working efficiency.
- Smooth stitching on step section (**CD** device)
 - * Can change the presser foot step maximum 9 mm higher by button right before the uneven point that makes smoother stitching.

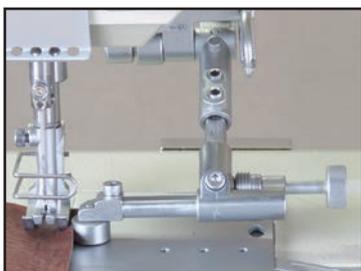


Back-tack switch and 6 button operation panel



Smooth stitching on step section (**CD** device)

- Guide (optional parts)



On duty



Off duty

- Lubrication
 - * Automatic lubrication system.
- Automatic Thread Trimmer, Automatic Back-tacking and Automatic Presser Foot Lifting
 - * Those are already equipped as standard functions.

Specifications (BLW-□)

Variety	8BLCE-DM 8BLCS-DM	28BLCE-DM 28BLCS-DM	8BLCE 8BLCS	28BLCE 28BLCS
Number of needle	Single needle	Two needle	Single needle	Two needle
Max. sewing speed	3,500 s.p.m.			
Max.stitch length	15/32" (12 mm)			
Clearance under presser foot	by hand	23/64" (9 mm)		
	by automatic foot lifter	25/32" (20 mm)		
Needle bar stroke	1-37/64" (40 mm)			
Needle	DP x 17 (#16 - #24) , 135 x 17 (#120 - #180)			
Thread	#20 - #5			
Hook	Extra Large vertical axis hook (2.7 times)			
Amount of lift of walking foot	3/64" - 23/64" (1.0 - 9.0 mm)			
Thread take up lever	Link type			
Lubrication	Automatic lubrication type			
Bed size	23-13/16" x 8-3/16" (605 x 208 mm)			
Bobbin size	Φ 1-17/64" (Φ 32 mm), t=15/32"(11.8mm)			
Working space	13-25/32" x 5-1/8" (350 x 130 mm)			
Motor	Built-in 850W Direct drive motor		850W AC Servo motor (exclusive for BLW)	
Net weight(Head only)	70Kg		66Kg	

NOTE: (1) Speed depends on threads, materials and type of operation.

(2) Specifications subject to change without notice.



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi

Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

H-2BL-AE-1

Single needle, Large horizontal axis hook, Upper and lower feed, Lockstitch machines



Variety

H-2BL-AE-1

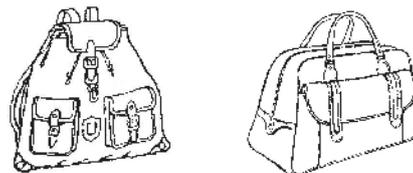
Standard model

H-2BL-AE-1-TA

For thick thread

Applications

- For sewing medium to heavy weight materials such as fabrics, leather, vinyl, synthetics and laminated and coated products.
- Suitable for sewing such products as bags, automobile work, awnings, vinyl and leather goods etc.



Features

- Full automatic lubrication system by pump.
- Large horizontal axis hook (2.0 times).
- Automatic lubricated hook.
- Feed regulating dial stopper assures uniform stitching.
- High presser foot lift.
- Easy adjustment of forward and reverse stitch length.

Specifications

Variety	H-2BL-AE-1	H-2BL-AE-1-TA
Number of needle	Single needle	
Max. sewing speed	2000 s.p.m.	
Max.stitch length	5/16" (8 mm)	
Clearance under presser foot	by knee	5/8" (16 mm)
	by hand	5/16" (8 mm)
Needle bar stroke	1-29/64" (37 mm)	
Needle	DP x 17 (#23) , 135 x 17 (#160)	DP x 17 (#25) , 135 x 17 (#200)
Thread	#20 - #5 (standard #8)	lower #5, upper #0 (standard)
Hook	Large horizontal axis hook (2.0 times)	Large horizontal axis hook (2.0 times) (For thick thread)
Amount of lift of walking foot	5/64"-3/16" (standard 9/64") [2 - 5 mm (standard 3.5 mm)]	
Thread take up lever	Link type	
Lubrication	Automatic lubrication type (there is some exception)	
Bed size	18-45/64" x 7" (475 x 178 mm)	
Bobbin size	Φ 1-1/64" (Φ 25.8 mm), t=27/67"(10.8mm)	
Working space	10-15/64" x 4-23/32" (260 x 120 mm)	
Net weight(Head only)	29Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

H-2BLC-DM

High speed, Single needle, Extra large horizontal axis hook, Automatic thread trimmer, Automatic back tack, Automatic presser foot lift, Upper and lower feed, Direct drive motor, Lockstitch machine



H-2BLC-DM

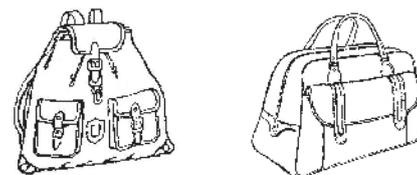
Variety

H-2BLC-DM

Standard model

Applications

- For sewing medium to heavy weight materials such as fabrics, leather, vinyl, synthetics and laminated and coated products.
- Suitable for sewing such products as bags, automobile work, awnings, vinyl and leather goods etc.

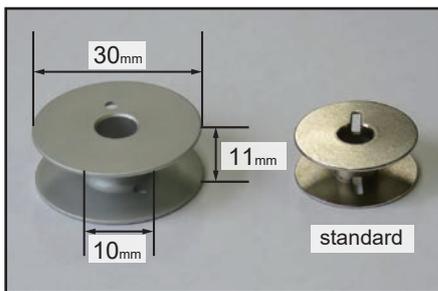


Features

- Built-in 750W Direct drive motor for easy setup.
- Suitable for thick thread (Upper #0)
- Full automatic lubrication system by pump.
- Extra large horizontal axis hook(Automatic hook lubrication).
- Feed regulating dial stopper assures uniform stitching.
- High presser foot lift(13mm by automatic foot lifter).
- Easy adjustment of forward and reverse stitch length.
- Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Operation panel is installed at front of sewing machine to facility setting operation.
- Guide available as option.



Built-in bobbin winder



Large bobbin



Operation panel

Specifications

Variety	H-2BLC-DM	
Number of needle	Single needle	
Max. sewing speed	2,500 s.p.m.	
Max.stitch length	15/32" (12 mm)	
Clearance under presser foot	by hand	9/32" (7 mm)
	by knee	15/32" (12 mm)
	by automatic foot lifter	33/64" (13 mm)
Needle bar stroke	1-1/2" (38 mm)	
Needle	DP x 17 (#22 - #25) , 135 x 17 (#140 - #200)	
Thread	#20 - #0	
Hook	Extra Large horizontal axis hook	
Amount of lift of walking foot	5/64"-7/32" (standard 1/8") [2.0 - 5.5 mm (standard 3.0 mm)]	
Thread take up lever	Link type	
Lubrication	Automatic lubrication type (there is some exception)	
Bed size	20-7/16" x 7-1/64" (519 x 178 mm)	
Bobbin size	Φ 1-3/16" (Φ 30 mm), t=7/67"(11mm)	
Working space	12-63/64" x 5-33/64" (330 x 140 mm)	
Net weight(Head only)	47Kg	
Motor	750W Direct drive motor	

NOTE: (1) Speed depends on threads, materials and type of operation

(2) Specifications subject to change without notice



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LSW single needle series (edge trimming)

High speed, Large vertical axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machines



LSW-8BLVMF

Variety

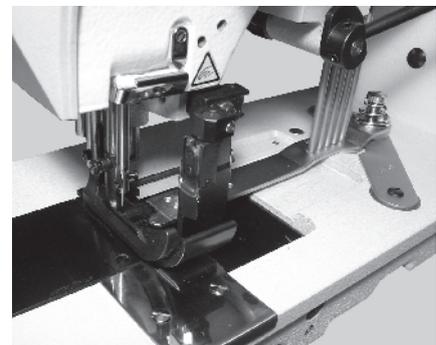
LSW-8BLVMF

Vertical edge trimming (front), synchronized binder(*)

LSW-8BLM

Vertical edge trimming(right)

(*)Available various special binder at extra charge



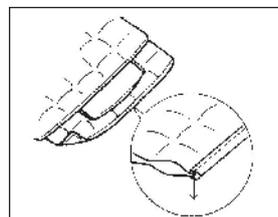
LSW-8BLVMF
synchronized binder

Applications

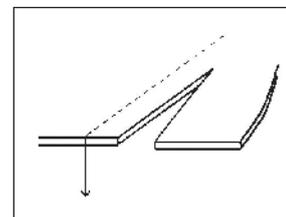
- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials
- Designed for operation such as tape binding, edge trimming for quilt, cushion, cover and automobile-interior.

* **8BLVMF** Bedding, cover, carpet.

* **8BLM** Heavy weight materials, automobile-interior and exterior decorations with trimming works.



LSW-8BLVMF



LSW-8BLM

LSW single needle series (edge trimming)

Features

- Seaming, tape binding and trimming can be performed by one operation.
- Large vertical axis hook. (Automatic hook lubrication)
- Safety clutch prevents the hook from being damaged.

• LSW-8BLM

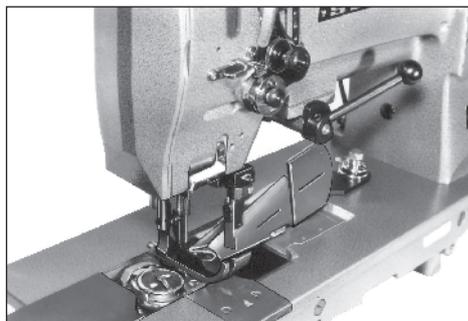
Sewing and Trimming can be performed by one operation



Suit for sewing and trimming simultaneous for leather, vinyl, heavy materials, automobile-interior, exterior decorations.

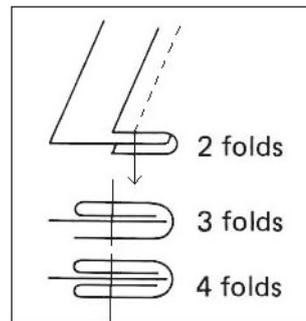
• LSW-8BLVMF

Trimming(front) and Taping can be performed by one operation.



Suit for trimming and taping simultaneous for bedding, cover, cushion and carpet, etc. Trimming can be made in front of needle.

Special binder can be supplied upon your request.



Specifications (LSW-□)

Variety	8BLVMF	8BLM
Number of needle	Single needle	
Max. sewing speed	2,500 s.p.m.	
Max. stitch length	1/4" (6.2 mm)	
Clearance under presser foot	by knee	15/32" (12 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-5/16" (33.2 mm)	
Needle(standard)	MTx190 (#19) , 190R (#120)	DPx17 (#22) , 135x17 (#140)
Thread	#30 (standard)	#8 (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)	
Standard binder spec (extra charge)	4-Fold Tape width 2-3/8"(60 mm)	-
Distance between seam and cutting edge	6 - 18 mm (standard 14 mm) 15/64"- 45/64" (standard 35/64")	4 , 5 , 6.5 , 8 , 10 mm (standard 8 mm) 5/16" - 25/64" (standard 5/16")
Thread take up lever	Slide type	
Lubrication	Semi-automatic lubrication type	
Bed size	20-25/64"x 7" (518 x 177 mm)	
Bobbin size	Φ 1-9/64" (Φ 29 mm), t=31/64"(12.4mm)	
Working space	10-5/32"x 3-35/64" (258 x 90 mm)	
Net weight(Head only)	34Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LSW two needle series (angular stitch)

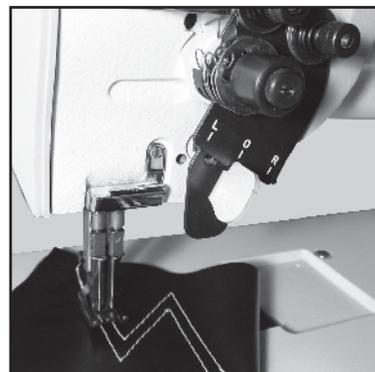
High speed, Large vertical axis hook, Compound feed and walking foot, Reverse stitch and split needle bar, Lockstitch machine



Variety

LSW-28BLK

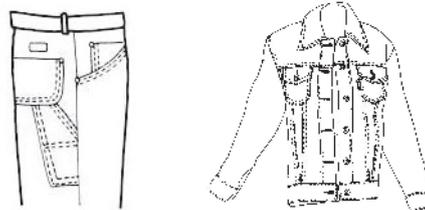
Standard model



Angular stitching and/or straight stitching can be made by simplified operation

Applications

- For sewing medium to heavy materials such as leather, coats, jackets and jeans which require decorative or functional angular stitching.



LSW two needle series (angular stitch)

Features

- Semi-automatic lubrication system.
- Large vertical axis hook (2.0 times).
- Automatic hook lubrication.
- Safety clutch prevents the hook from being damaged.
- Disengageable right and left needle bars by use of finger touch lever.

Specifications

Variety	LSW-28BLK	
Number of needle	Two needle	
Max. sewing speed	2,400 s.p.m.	
Max. stitch length	1/4" (6.5 mm)	
Clearance under presser foot	by knee	33/64" (13 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-9/32" (32.6 mm)	
Needle(standard)	DPx17 (#22) , 135x17 (#140)	
Thread	#8 (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 lubrication type	
Bed size	20-25/64"x 7" (518 x 177 mm)	
Bobbin size	Φ 1-7/64" (Φ 28 mm), t=15/32"(12mm)	
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Net weight(Head only)	35Kg	

NOTE: (1) Speed depends on threads, materials and type of operation

(2) Specifications subject to change without notice

Needle gauge list

Variety	Needle gauge size
LSW-28BLK	standard : 1/4"(6.4 mm), 5/16"(7.9mm), 3/8"(9.5mm) special : 1/8"(3.2 mm), 3/16"(4.8mm)



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LSWN single needle series

High speed, Large vertical axis hook, Reverse stitch, Compound feed and walking foot, Lockstitch machines



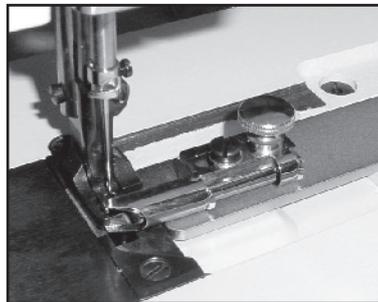
LSWN-8BL-3

Variety

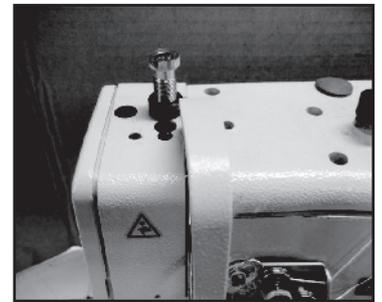
LSWN-8BL-3
Standard model

LSWN-8BL-3-TA
For thick thread

LSWN-8BLV-3
Synchronized binder



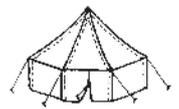
LSWN-8BLV-3



Pressure force can be adjusted simply and certainly with thumb screw at top.

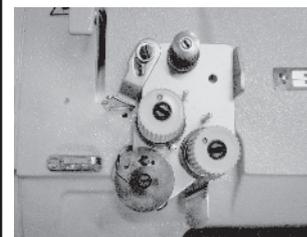
Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as boat and furniture upholstery, tarpaulins, covers, awnings, tents, umbrellas, handbags, luggage, travelware accessories, sports and camping equipment, wearing apparel, outdoor clothing, footwear, foundation garments and orthopedic appliances.



Features

- Improved exposure of arm-feeding mechanism components which provides safety environment.(mechanical part of alternating presser foot, foot lifter mechanism(knee lifter) and presser foot spring relevant parts)
Plain needle drop area/adoption of open/close simplified face plate which provides wide-ranged movement of sewn material.
- 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.
- Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- 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) (**LSWN-8BL-3**, **LSWN-8BL-3-TA**)
- Large vertical axis hook (Automatic hook lubrication).
- Safety clutch prevents the hook from being damaged.



Built-in bobbin winder that enables simple and fine adjustment of winding volume of threads

Single needle

Specifications (LSWN-□)

Variety	8BL-3	8BL-3-TA	8BLV-3
Number of needle	Single needle		
Max. sewing speed	2,800 s.p.m.		2,500 s.p.m.
Max. stitch length	25/64" (10 mm)		1/4" (6.2 mm)
Clearance under presser foot	by knee	5/8" (16 mm)	
	by hand	21/64" (8.5 mm)	
Needle bar stroke	1-5/16" (33.2 mm)		
Needle(standard)	DPx17(#22), 135x17(#140)	DPx17(#24), 135x17(#180)	DPx17(#18), 135x17(#110)
Thread	#8 (standard)	#5 (standard)	#8 (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 lubrication type		
Bed size	20-25/64"x 7" (518 x 177 mm)		
Bobbin size	Φ1-9/64" (Φ29 mm) , t=31/64" (12.4 mm)	Φ1-7/64" (Φ28 mm) , t=15/32" (12 mm)	Φ1-9/64" (Φ29 mm) , t=31/34" (12.4 mm)
Working space	10-5/32"x 4-21/64" (258 x 110 mm)		
Net weight(Head only)	42.5 Kg		44.5 Kg

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LSWN two needle series

High speed, Large vertical axis hook, Reverse stitch, Compound feed and walking foot, Lockstitch machines



LSWN-28BL-3

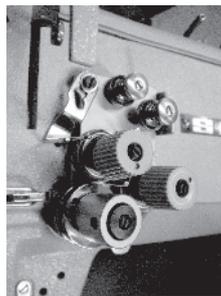
Variety

LSWN-28BL-3

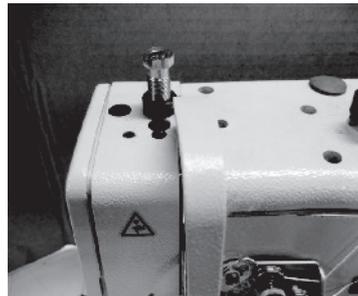
Standard model

LSWN-28BL-3-TA

For thick thread



Two needle



Pressure force can be adjusted simply and certainly with thumb screw at top.



Built-in bobbin winder that enables simple and fine adjustment of winding volume of threads

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as boat and furniture upholstery, tarpaulins, covers, awnings, tents, umbrellas, handbags, luggage, travelware accessories, sports and camping equipment, wearing apparel, outdoor clothing, footwear, foundation garments and orthopedic appliances.



Features

- Improved exposure of arm-feeding mechanism components which provides safety environment.(mechanical part of alternating presser foot, foot lifter mechanism(knee lifter) and presser foot spring relevant parts)
Plain needle drop area/adoption of open/close simplified face plate which provides wide-ranged movement of sewn material.
- 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.
- Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- 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.

Specifications (LSWN-□)

Variety	28BL-3	28BL-3-TA
Number of needle	Two needle	
Max. sewing speed	2,600 s.p.m.	
Max. stitch length	25/64" (10 mm)	
Clearance under presser foot	by knee	33/64" (13 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-5/16" (33.2 mm)	
Needle(standard)	DPx17 (#22) , 135x17 (#140)	DPx17 (#24) , 135x17 (#180)
Thread	#8 (standard)	#5 (standard)
Hook	Large vertical axis hook (2.0 times)	
Amount of lift of walking foot	1/8"-15/64" (3 - 6 mm)	standard 5/32" (standard 4 mm)
Thread take up lever	Slide type	
Lubrication	Semi-automatic lubrication type	
Bed size	20-25/64"x 7" (518 x 177 mm)	
Bobbin size	Φ1-9/64"(Φ29 mm), t=31/64"(12.4mm)	Φ 1-7/64" (Φ 28 mm), t=15/32"(12 mm)
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Net weight(Head only)	45 Kg	

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

Needle gauge list (LSWN-□)

Variety	Needle gauge size
28BL-3	standard : 1/4"(6.4 mm), 5/16"(7.9 mm), 3/8"(9.5 mm), 1/2"(12.7 mm), 3/4"(19 mm) special : 1/8"(3.2 mm), 3/16"(4.8 mm), 5/8"(15.9 mm), 1"(25.4 mm), 1-1/4"(31.8 mm), 1-1/2"(38.1 mm)
28BL-3-TA	standard : 3/8"(9.5 mm) special : 1/4"(6.4 mm), 5/16"(7.9 mm), 1/2"(12.7 mm), 3/4"(19 mm)



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

SK series

Single needle, Extra heavy duty, Large horizontal axis hook, Upper and lower feed, Reverse stitch, Lockstitch machine

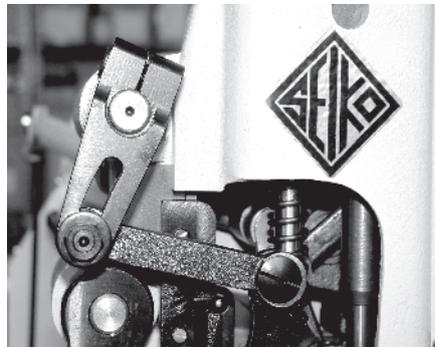


SK-2B-1

Variety

SK-2B-1

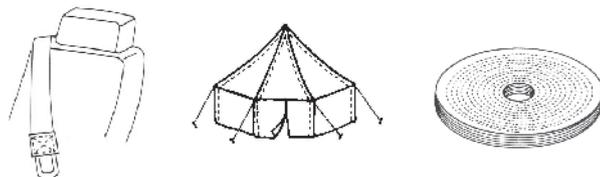
Standard model



Alternating presser foot lift relative parts

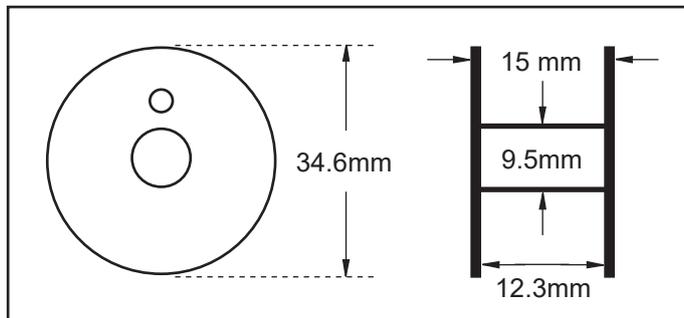
Applications

- For sewing heavy weight leather, canvas, vinyl, and various coated and laminated fabrics
- Suitable for sewing such products as harnesses, covers, safety belts, tents, sheets, gloves, buffs and heavy duty travel bags.



Features

- Horizontal axis rotary hook with extra large capacity bobbin
- Reverse stitching
- Extra large needle
- 20 inch long arm version available (**SK-2B-1-20**)



Large bobbin

Specifications

Variety	SK-2B-1	
Number of needle	Single needle	
Max. sewing speed	1,200 s.p.m.	
Max. stitch length	1/2" (13 mm)	
Clearance under presser foot	by pedal	35/64" (14 mm)
	by hand	1/2" (13 mm)
Needle bar stroke	2" (50.8 mm)	
Needle(standard)	DDx1 (#24) , 328 (#180)	
Thread	#0 - #5 (standard #5)	
Hook	Large horizontal axis hook	
Amount of lift of presser foot	1/8"-15/64" (3 - 6 mm)	standard 5/32" (standard 4mm)
Thread take up lever	Link type	
Lubrication	Hand type	
Bed size	20-15/32" x 9-27/32" (520 x 250 mm)	
Bobbin size	Φ 1-23/64" (Φ 34.6 mm), t=19/32"(15 mm)	
Working space	10"x 7-31/64" (253 x 190 mm)	
Net weight(Head only)	44Kg	

NOTE: (1) Speed depends on threads, materials and type of operation

(2) Specifications subject to change without notice



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi

Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

SLH series

Single needle, Long arm, Super heavy duty, Large oscillating shuttle hook, Upper and lower feed, Reverse stitch, Lockstitch machines



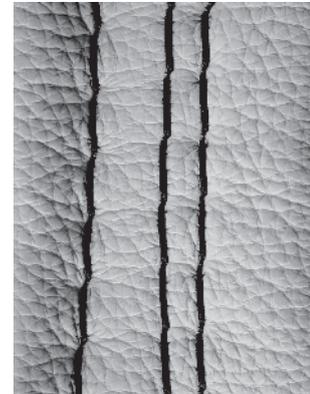
Variety

SLH-2B

Standard model

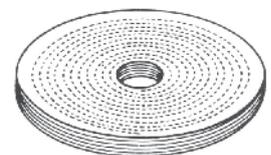
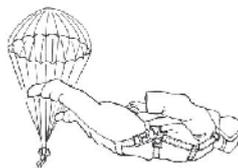
SLH-2B-FH-1

Long needle bar stroke, high presser foot lift 32 mm



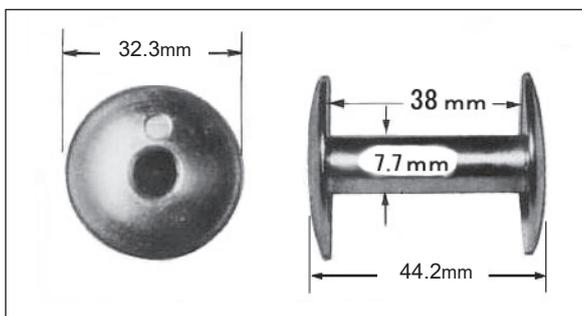
Applications

- For sewing extra heavy weight materials
- Suitable for sewing products such as safety and logging belts, cargo slings, buffing wheels, harnesses, construction barriers, parachutes, balloons and book binding.

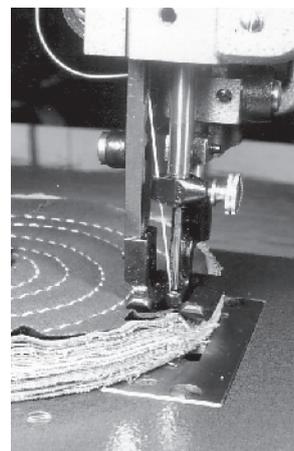


Features

- Suitable for extra thick thread (#0 - #00)
- Cam take-up type makes good tension.
- Synchronized walking foot and drop feeding mechanism assures uniform stitching.
- Extra high presser foot lift (32mm by pedal) enable sewing extra heavy materials (**SLH-2B-FH-1**).
- Extra large capacity hook minimizes the time to replace the bobbin thread.
- 413mm working space (Extra long arm), from the needle to the sewing machine arm, makes sewing works easy to handle heavy weight and even large materials.
- Long stitch length (15mm max.).
- Reverse stitching by stitch adjusting lever.
- Automatic back tack (**BT**) and automatic presser foot lift (**FL**) are available as option.



Large bobbin



Buffing wheels

Specifications (SLH-□)

Variety	2B	2B-FH-1
Number of needle	Single needle	
Max. sewing speed	700 s.p.m.	
Max. stitch length	19/32" (15 mm)	
Clearance under presser foot	by pedal	1-7/64" (26 mm)
	by hand	29/32" (23 mm)
Needle bar stroke	2-15/64" (56.7 mm)	2-19/32" (66 mm)
Needle(standard)	Schmetz 1000 (#250)	
Thread	#0 (standard) - #00	
Hook	Large shuttle hook	
Amount of lift of alternating presser foot	3/16"-9/32" standard 15/64" (5 - 7 mm) (standard 6 mm)	
Thread take up lever	Cam type	
Lubrication	Hand type	
Bed size	25-3/4" x 10-5/32" (654 x 258 mm)	
Bobbin size	Φ 1-17/64" (Φ 32.3 mm), t=1-47/64"(44.2 mm)	
Working space	16-1/4"x 8-37/64" (413 x 218 mm)	
Net weight(Head only)	105kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp



Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

STH-8BLD-3

Single needle, Large horizontal axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machine



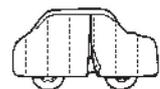
Variety

STH-8BLD-3

Standard model

Applications

- For sewing medium to heavy weight materials such as fabrics, leather, vinyl, synthetics and laminated and coated products.
- Suitable for sewing such products as automobile upholstery, covers, sails, tents, camping trailer covers, awnings, bags, luggage, handbags, etc.

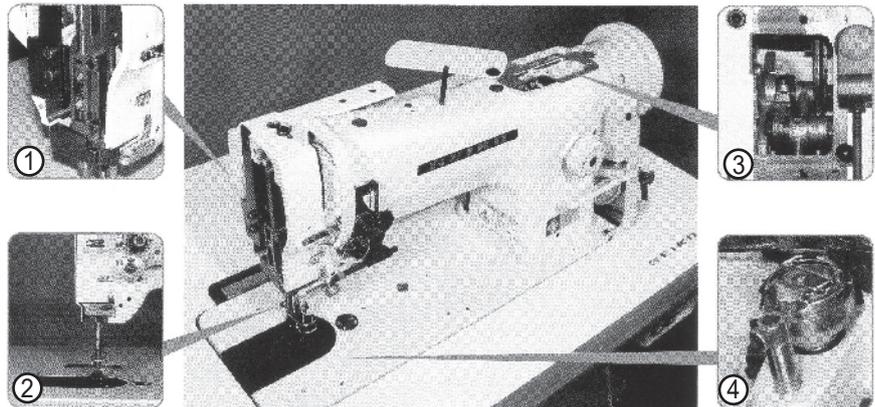


Features

- Perfect prevention of presser foot's play (pic ①)
A guide was installed to protect play at presser bar bracket. Effective to the works where side force is generated such as piping edge sewing.
- Improved the efficiency of sewing work (pic ②)
For easy sewing of curved materials, the position of thread retainer was moved upward. Also face plate is cut to narrow by 6mm than STH-8BLD-2 for efficient sewing work.
- Beautiful forward & reverse stitch (pic ③)
More beautiful stitch is realized by the same stitch length adjustment of forward & reverse feed.
- Special hook(2 times) & bobbin case opener ideal for heavy weight materials (pic ④)
In case the thread jams in the hook, SEIKO SPECIAL HOOK & SAFETY CLUTCH SYSTEM protect the hook from being damaged. Also perfect stitch is realized by BOBBIN CASE OPENER.

* Easy picking out bobbin case at any needle position if it is above needle plate.

* The hook is lubricated by its own oil reservoir.



Specifications

Variety	STH-8BLD-3	
Number of needle	Single needle	
Max. sewing speed	2,000 s.p.m. / 2,400 s.p.m.: 8mm or less	
Max. stitch length	25/64" (10 mm)	
Clearance under presser foot	by knee	33/64" (13 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-5/16" (33.2 mm)	
Needle(standard)	DPx17 (standard #22), 135x17 (standard #140)	
Thread	#8 (standard)	
Hook	Large horizontal axis hook (2.0 times)	
Amount of lift of walking foot	7/64"-7/32" (standard 1/8")	
	2.7 - 5.5 mm (standard 3.2 mm)	
Thread take up lever	Slide type	
Lubrication	Semi-automatic lubrication type	
Bed size	18-25/32"x 7" (477 x 177 mm)	
Bobbin size	Φ 1-1/64" (Φ 25.8 mm), t=27/64"(10.8 mm)	
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Net weight(Head only)	29 Kg	

NOTE: (1) Speed depends on threads, materials and type of operation

(2) Specifications subject to change without notice



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

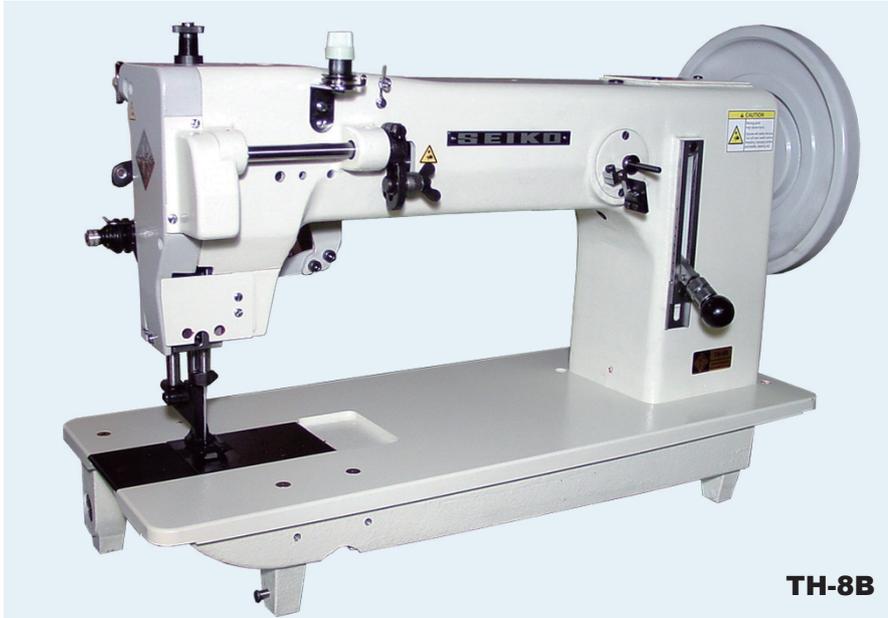
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

TH series

Single needle, Extra heavy duty, Large oscillating shuttle hook, Compound feed and walking foot, Reverse stitch, Long arm, Lockstitch machine



TH-8B

Variety

TH-8B

Standard model

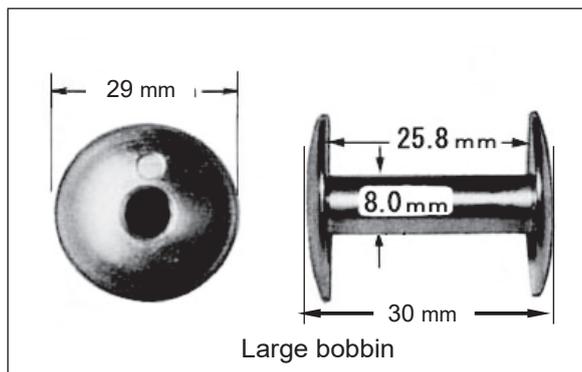
Applications

- For sewing heavy weight materials such as canvas, vinyl, leather, synthetics and various coated, laminated and rubberized fabrics.
- Suitable for sewing tents, sails, harnesses, safety belts, parachutes, balloons, industrial bags, book bindings, suitcases and other extra heavy weight materials.



Features

- Large oscillating shuttle hook with extra large capacity bobbin.
- Extra long arm. [working space 15-3/4"(400 mm)]
- Reverse stitching by stitch adjusting lever.
- Built-in bobbin winder.
- Extra high presser lift for sewing extra heavy materials.
- Cylinder bed version available. (**CH series**)



Specifications

Variety	TH-8B	
Number of needle	Single needle	
Max. sewing speed	800 s.p.m.	
Max. stitch length	15/32" (12 mm)	
Clearance under presser foot	by pedal	63/64" (25 mm)
	by hand	25/64" (10 mm)
Needle bar stroke	2-13/64" (56 mm)	
Needle(standard)	DYx3 (#25) , 794 (#200)	
Thread	#5 (standard)	
Hook	Large oscillating shuttle hook	
Amount of lift of walking foot	1/8"-15/64" standard 5/32" (3 - 6 mm) (standard 4 mm)	
Thread take up lever	Cam type	
Lubrication	Hand type	
Bed size	25-63/64"x 9-61/64" (660 x 253 mm)	
Bobbin size	Φ 1-9/64" (Φ 29 mm), t=1-3/16"(30 mm)	
Working space	15-3/4"x 7-3/32" (400 x 180 mm)	
Net weight(Head only)	75 Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

BBWP series

High speed, Post bed, Compound feed and walking foot, Large vertical axis hook, Reverse stitch, Lockstitch machines



BBWP-28BL-BTFL-CD-DS

Variety



BBWP-8BL

Single needle.



BBWP-8BL-BTFL

Single needle, automatic back tack, automatic presser foot lift.



BBWP-8BL-BTFL-CD-DS

Single needle, automatic back tack, automatic presser foot lift, climbing device, dual stitching device.



BBWP-28BL

Two needle.



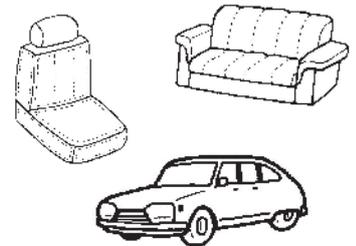
BBWP-28BL-BTFL

Two needle, automatic back tack, automatic presser foot lift.



BBWP-28BL-BTFL-CD-DS

Two needle, automatic back tack, automatic presser foot lift, climbing device, dual stitching device.

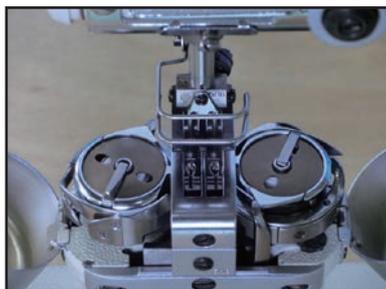


Applications

- For sewing medium to heavy weight materials such as leather, vinyl, synthetics and laminated and coated materials
- Suitable for sewing such as automobile upholstery, tarpaulins, covers, awnings, tents, umbrellas, handbags, luggage, travelware accessories, sports and camping equipment and wearing apparel outdoor clothing.

Features

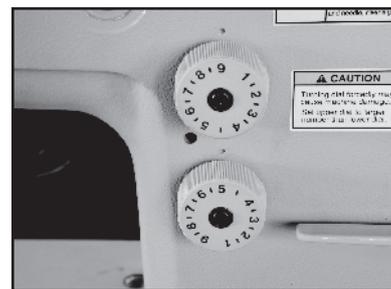
- Longer stitch length quiet sewing operation
 - * Max. 9mm for both forward and reverse feed stitching.
 - * Compound feed and walking foot for positive stitching formation.
- **BBWP series** are equipped with a large vertical axis hook(2.0 times)
 - * Large capacity hook minimizes the time to replace the bobbin thread in stitching of thick thread.
 - * This hook promote highly efficient operation by reducing the frequency of bobbin thread replacement.
- Safety device
 - * Safety device prevents damage to hook and thread handling parts caused by thread jamming.
- One touch switchover for two different stitch lengths (**DS** device)
 - * Variety sewing materials such as steps, curves, uneven thickness can be performed by one touch switchover setting two different stitch lengths. The efficient work and beautiful finishes will be obtained.



2.0 times large capacity hook

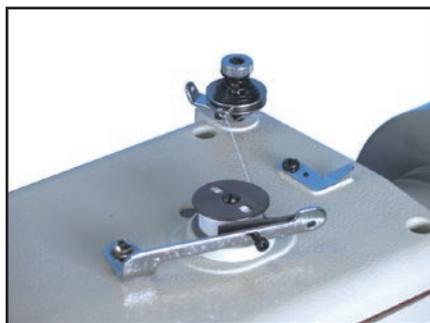


Comparison of the bobbin size

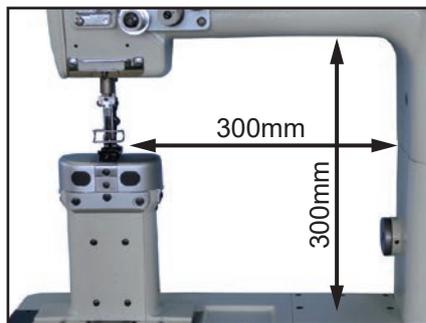


One touch switchover for two different stitch lengths (**DS** device)

- Built-in bobbin winder
 - * Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Wide working space
 - * 300 mm working space, from the needle to the sewing machine arm, makes sewing works easy to handle heavy weight and even large materials.
- Large clearance under presser foot
 - * The clearance under the presser foot (16mm), makes it easy to put heavy weight materials in and out.



Built-in bobbin winder



Wide working space



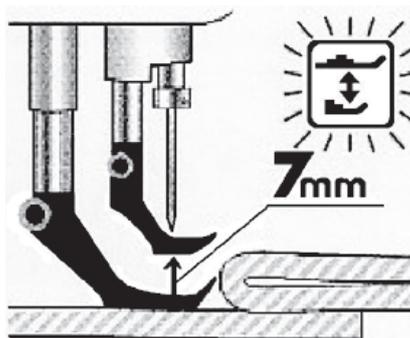
The clearance under the presser foot (16mm)

- Simple setting for alternating presser foot movement
 - * Alternating presser foot movement between inner foot and outer foot can be changed simply by the easy-to-handle dial located at the top of the sewing machine.
 - * Once the alternating movements have been set, the sewing speed is automatically controlled to the optimum speed so that stable sewing is maintained.
- Smooth stitching on step section (**CD** device)
 - * The presser foot movement can be changed to maximum momentum (7mm) by button. Uneven thickness of materials can be smoothly performed changing the movement right before the uneven point.

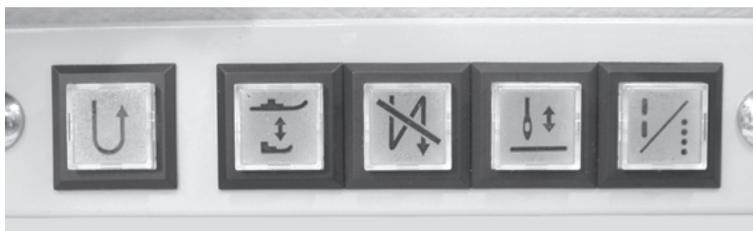
- 5 operational switches improve working efficiency
 - * 5 switch buttons are panelled on the convenient positions improve the efficient works.



Simple setting for alternating presser foot movement



Smooth stitching on step section (CD device)



- 5 operational switches
- * Quick reverse switch
 - * Walking foot movement change switch
 - * Auto backtack select switch
 - * Half stitch switch
 - * Stitch length change switch

- Center guide (optional parts)
 - * Lifting presser foot with a central guide (optional parts)

- Guide (optional parts)
 - * The edge roller guide (Part no.60546C) which is being used by **BBW series** machine can be used in its as is status.



On duty



Off duty

Specifications (BBWP-□)

Variety	8BL	8BL-BTFL	8BL-BTFL-CD-DS	28BL	28BL-BTFL	28BL-BTFL-CD-DS
Number of needle	Single needle			Two needle		
Max. sewing speed	2,500s.p.m. (Refer to list below)					
Max. stitch length	23/64" (9 mm)					
Clearance under presser foot	by hand	23/64" (9 mm)				
	by knee	5/8"(16 mm)	-	5/8"(16 mm)	-	
	by automatic foot lifter	-	5/8" (16 mm)	-	5/8" (16 mm)	
Needle bar stroke	34 mm					
Needle (standard)	135 x 17 #110 - #200 (#180), DP x 17 #18 - #25 (#24)					
Thread	#20 - #1 (standard #5)					
Hook	Large vertical axis hook (2.0 times)					
Post height	7-1/64" (178 mm)					
Thread take up lever	Link type					
Amount of walking foot movement	3/64" - 1/4" (1-6.5mm)	3/64" - 9/32" (1-7 mm)		3/64" - 1/4" (1-6.5mm)	3/64" - 9/32" (1-7 mm)	
Walking foot movement change switch	Dial type					
Bobbin winder	Built-in type located at the top of the sewing machine					
Auto presser foot lifting device	-	Pneumatic		-	Pneumatic	
Walking foot movement change device	-	Pneumatic		-	Pneumatic	
Safety device	standard					
Lubrication	Semi-automatic lubrication type					
Bobbin size	Φ 1-9/64" (Φ 29 mm), t=31/64"(12.4mm)					
Bed size / Working space	22-21/64"x 6-31/32" (567 x 177 mm) / 11-13/16"x 11-13/16" (300 x 300 mm)					
Net weight (Head only)	61Kg	63Kg	64Kg	61Kg	63Kg	64Kg

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

Sewing speed range

Amount of walking foot movement	Stitch length	
	6 mm and less	6 mm ~ 9 mm
1 mm ~ 2 mm	2500 s.p.m	2000 s.p.m.
3 mm	2400 s.p.m.	
4 mm	2300 s.p.m.	
5 mm ~ 7 mm	2000 s.p.m.	

BBWP-□

	8BL-BTFL	8BL-BTFL-CD-DS
Quick reverse feed (BT)	○	○
Auto presser foot lifting (FL)	○	○
Walking foot movement changeover (CD)	-	○
Stitch length change (DS)	-	○

Needle gauge list

Variety	Needle gauge size
BBWP-28BL	standard : 1/4"(6.4 mm), 5/16"(7.9 mm), 3/8"(9.5 mm) special : 1/8"(3.2 mm), 3/16"(4.8 mm)



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LHPWN series

Single needle, High speed, Extra high post bed, Compound feed and walking foot, Reverse stitch, Left post, Lockstitch machines



Variety



LHPWN-8B-4-SF-LP

Slim post, standard vertical axis hook



LHPWN-8B-4-TA-SF-LP

Slim post, standard vertical axis hook, for thick thread

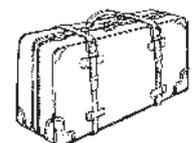


LHPWN-8BL-4-LP

Large vertical axis hook

Applications

- For sewing medium to heavy weight materials such as leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such products as bags, boots, travel cases and automobile upholstery.



Features (LHPWN-□)

- Improved exposure of arm-feeding mechanism components which provides safety environment. (mechanical part of alternating presser foot, foot lifter mechanism(knee lifter) and presser foot spring)
- Extra high post 17" bed and wide working space makes it easy for sewing of large materials.
- The reduced distance between the needle and the edge of throat plate (2.0mm) for sewing goods with narrow margin beautifully.(**8B-4-SF-LP, 8B-4-TA-SF-LP** only as an option)
- Available to sew the smaller materials by new designed throat plate and hook cover. (**8B-4-SF-LP, 8B-4-TA-SF-LP** only as an option)
- Easy to adjust the stitch length by adjusting Dial.
- Easy to adjust the belt tension by equipping an idler.
- Safety clutch prevents the hook from being damaged.
- Right post type is available.



Idler for belt tension adjustment



LHPWN-8B-4-SF-LP



LHPWN-8BL-4-LP

Specifications (LHPWN-□)

Variety	8B-4-SF-LP	8B-4-TA-SF-LP	8BL-4-LP
Number of needle	Single needle		
Max. sewing speed	1,600 s.p.m.	1,200 s.p.m.	2,200 s.p.m.
Max. stitch length	13/64" (5 mm)	9/32" (7 mm)	7/32" (5.5 mm)
Clearance under presser foot	by pedal	5/8" (16 mm)	
	by hand	21/64" (8.5 mm)	
Needle bar stroke	1-25/64" (35.4 mm)		
Needle(standard)	DPx17(#22), 135x17(#140)	DPx17(#25), 135x17(#200)	DPx17(#22), 135x17(#140)
Thread	#8 (standard)	lower #8, upper #0	#8 (standard)
Hook	Vertical axis hook		Large vertical axis hook (2.0times)
Amount of lift of walking foot	7/64"-7/32" (2.7 - 5.5 mm)		
Thread take up lever	Slide type		
Lubrication	Semi-automatic lubrication type		
Bed size	20-25/64"x 7" (518 x 177 mm)		
Working space	10-5/32"x 21-25/32" (258 x 553 mm)		
Bobbin size	Φ 55/64" (Φ 22 mm), t=13/32"(10.3 mm)		Φ 1-7/64" (Φ 28 mm), t=15/32"(12 mm)
Post height	17-33/64" (445 mm)		17-7/16" (443 mm)
Net weight(Head only)	64 Kg		67.5 Kg

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp



Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LPW-28BLK (angular stitch)

Two needle, High speed, Post bed, Large vertical axis hook, Compound feed and walking foot, Reverse stitch, Disengageable needle bars, Lockstitch machine



Variety

LPW-28BLK

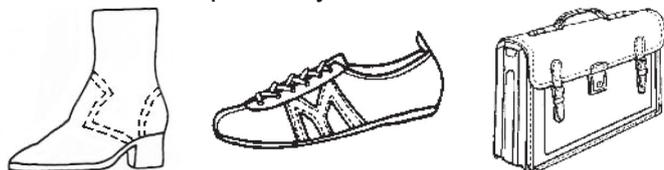
Standard model



Angular stitching and/or straight stitching can be made by simplified operation

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing operations which require decorative or functional angular stitching such as collars, pockets, shoe uppers, automobile upholstery, etc.



Features

- Post bed and wide working space makes it easy for sewing of large materials.
- Disengageable right and left needle bars by use of finger touch lever.
- Compound feed and alternating pressers mechanism assures even feeding of materials.
- Semi-automatic lubrication system.
- Large vertical axis hook.
- Safety clutch prevents the hook from being damaged.

Specifications

Variety	LPW-28BLK	
Number of needle	Two needle	
Max. sewing speed	2,200 s.p.m.	
Max. stitch length	7/32" (5.5 mm)	
Clearance under presser foot	by knee	35/64" (14 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-9/32" (32.6 mm)	
Needle(standard)	DPx17 (#24) , 135x17 (#180)	
Thread	#5 (standard)	
Hook	Large vertical axis hook (2.0 times)	
Amount of lift of walking foot	3/32"-3/16" standard 1/8" (2.5 - 5 mm) (standard 3.2 mm)	
Thread take up lever	Slide type	
Lubrication	Semi-automatic lubrication type	
Bed size	20-25/64" x 7" (518 x 177 mm)	
Post height	7" (178 mm)	
Bobbin size	Φ 1-17/64" (Φ 32.3 mm), t=1-47/64"(44.2 mm)	
Working space	10-5/32"x11-11/32" (258 x 288 mm)	
Net weight(Head only)	44 Kg	

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

Needle gauge list

Variety	Needle gauge size
LPW-28BLK	standard : 1/4"(6.4 mm), 5/16"(7.9 mm), 3/8"(9.5 mm) special : 1/8"(3.2 mm), 3/16"(4.8 mm)



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

BSC series

Single needle, High speed, Narrow cylinder bed, Horizontal axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machines



BSC-8BL-BTFL-CD-DS

Variety



BSC-8B

Standard hook.



BSC-8B-BTFL

Standard hook, automatic back tack, automatic presser foot lift.



BSC-8B-BTFL-CD-DS

Standard hook, automatic back tack, automatic presser foot lift, climbing device, dual stitching device.



BSC-8BV

Standard hook, horizontal feed, synchronized binder.



BSC-8BV-BTFL

Standard hook, horizontal feed, synchronized binder, automatic back tack, automatic presser foot lift.



BSC-8BHC-BTFL

Standard hook, horizontal feed, thread trimmer, automatic back tack, automatic presser foot lift.



BSC-8BL

Large hook.



BSC-8BL-BTFL

Large hook, automatic back tack, automatic presser foot lift.



BSC-8BL-BTFL-CD-DS

Large hook, automatic back tack, automatic presser foot lift, climbing device, dual stitching device.



BSC-8BLV

Large hook, horizontal feed, synchronized binder.



BSC-8BLV-BTFL

Large hook, horizontal feed, synchronized binder, automatic back tack, automatic presser foot lift.



BSC-8BLH

Large hook, horizontal feed.

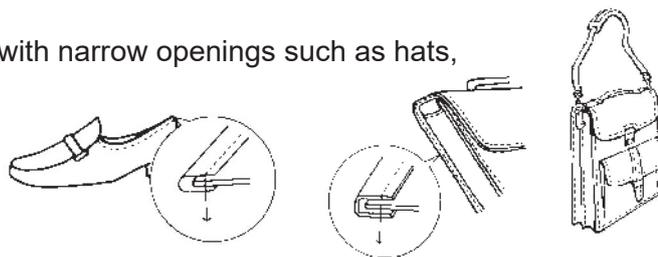


BSC-8BLH-BTFL

Large hook, horizontal feed, automatic back tack, automatic presser foot.

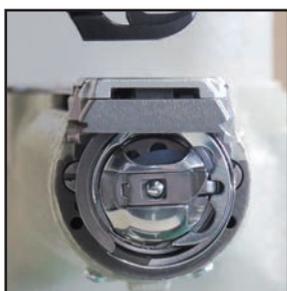
Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for tubular and curved products with narrow openings such as hats, caps, shoes, bags, handbags, etc.

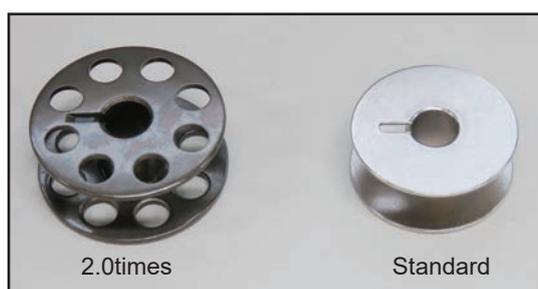


Features

- Secure Feeding
 - * Compound Feeding System to make the secure stitches on heavy duty materials, even on slippery or uneven materials.
- Cylinder bed size
 - * 1-13/16"(46mm) dia. for standard hook model(**8B, 8BV, 8BHC**).
 - * 1-31/32"(50mm) dia. for large hook model(**8BL, 8BLV, 8BLH**).
 - Double size rotating hook reducing a frequency of bobbin thread replacement.
- One touch switchover for two different stitch lengths (**DS** device)
 - * Variety sewing materials such as steps, curves, uneven thickness can be performed by one touch switchover setting two different stitch lengths. The efficient work and beautiful finishes will be obtained.
 - (**8B-BTFL-CD-DS, 8BL-BTFL-CD-DS**)



2.0 times large capacity hook



Comparison of the bobbin size

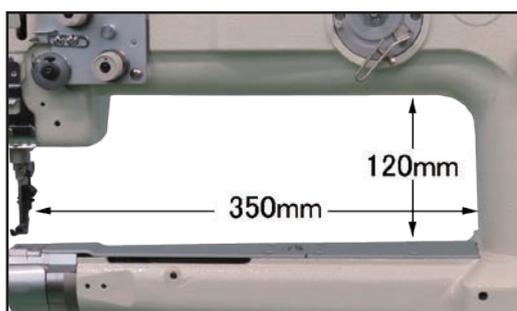


One touch switchover for two different stitch lengths (**DS** device)

- Built-in bobbin winder
 - * Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Wide working space
 - * Wide working space 13-25/32" x 4-23/32"(350mm x 120mm).
- Good Operability
 - * Presser foot lift amount 5/8"(16mm). (by knee)
 - Needle bar stroke 1-29/64"(37mm).
 - Alternating presser foot lift amount 3/64" - 1/4" (1mm - 6.5mm).



Built-in bobbin winder with fine adjustment function of thread winding amount

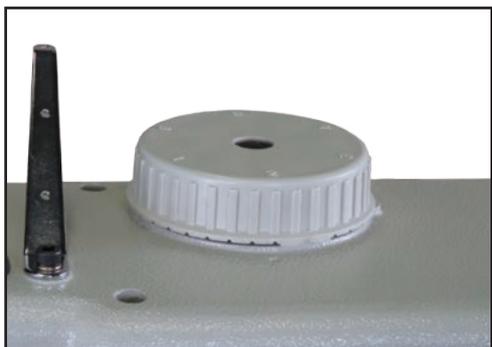


Wide working space

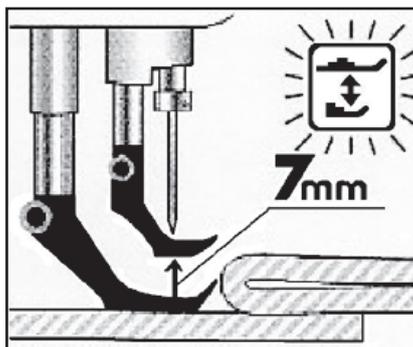


The clearance under the presser foot (16mm)

- Simple setting for alternating presser foot movement
 - * Alternating presser foot movement between inner foot and outer foot can be changed simply by the easy-to-handle dial located at the top of the sewing machine.
 - * Once the alternating movements have been set, the sewing speed is automatically controlled to the optimum speed so that stable sewing is maintained. (**8B-BTFL-CD-DS, 8BL-BTFL-CD-DS**)
- Smooth stitching on step section (**CD** device)
 - * Can change the presser foot step maximum 7mm higher by button right before the uneven point that makes smoother stitching. (**8B-BTFL-CD-DS, 8BL-BTFL-CD-DS**)
- 5 operational switches improve working efficiency
 - * 5 switch buttons are panelled on the convenient positions improve the efficient works. (**8B-BTFL-CD-DS, 8BL-BTFL-CD-DS**)



Simple setting for alternating presser foot movement



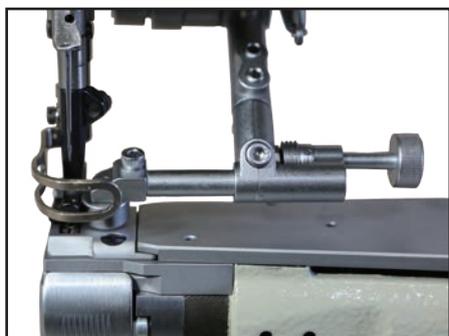
Smooth stitching on step section (**CD** device)



5 operational switches

- * Quick reverse switch
- * Walking foot movement change switch
- * Auto backtack select switch
- * Half stitch switch
- * Stitch length change switch

- Guide (optional parts)



- Lubrication
 - * Automatic lubrication system.
- Improved Safety
 - * Moving area is safely covered.
- Improved Maintainability
 - * Better maintainability with Thumb screw to adjust presser foot pressure.
- Automatic thread trimmer
 - * Automatic thread trimmer model available. (**8BHC**)
- Synchronized binder
 - * Synchronized binder models available. (**8BV, 8BLV**)

Specifications (BSC-□)

Variety	8B 8B-BTFL 8B-BTFL-CD-DS	8BL 8BL-BTFL 8BL-BTFL-CD-DS	8BV 8BV-BTFL	8BLV 8BLV-BTFL	8BLH 8BLH-BTFL	8BHC-BTFL
Number of needle	Single needle					
Max. sewing speed	2,300 s.p.m.					
Max. stitch length	9/32" (7 mm)					
Needle bar stroke	1-29/64" (37 mm)					
Needle(standard)	DPx17 (#18) 135x17 (#110)		DPx17 (#16) 135x17 (#100)		DPx17 (#18) 135x17 (#110)	
Thread	#20 (standard)		#30 (standard)		#20 (standard)	
Thread take up lever	Slide type					
Lubrication	Automatic lubrication type					
Working space	13-25/32"x 4-23/32" (350 x 120 mm)					
Net weight(Head only)	48 Kg*1				52 Kg*1	

Feeding system	elliptical	horizontal

*1 Additional weight for BTFL equipment is 1 kg

● Clearance under presser foot and Amount of lift of walking foot

Variety	8B / 8BL 8BV / 8BLV 8BLH	8B-BTFL / 8BL-BTFL 8BV-BTFL / 8BLV-BTFL 8BHC-BTFL / 8BLH-BTFL	8B-BTFL-CD-DS 8BL-BTFL-CD-DS
Clearance under presser foot	by hand	23/64" (9 mm)	
	by knee	5/8" (16 mm)	—
	by automatic foot lifter	—	5/8" (16 mm)
Amount of lift of walking foot	3/64"-1/4" (1 - 6.5 mm)		3/64"-9/32" (1 - 7 mm)

● Hook and Cylinder size and Bobbin size

Variety	8B / 8BV / 8BHC-BTFL 8B-BTFL / 8BV-BTFL 8B-BTFL-CD-DS	8BL / 8BLV / 8BLH 8BL-BTFL / 8BLV-BTFL / 8BLH-BTFL 8BL-BTFL-CD-DS
Hook	Horizontal axis hook	Large horizontal axis hook(2.0times)
Cylinder size	1-13/16"(46 mm) dia.	1-13/32"(50 mm) dia.
Bobbin size	Φ 1-7/64" (Φ 28 mm), t=15/32"(12mm)	Φ 1-7/64" (Φ 28 mm), t=15/32"(12mm)

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

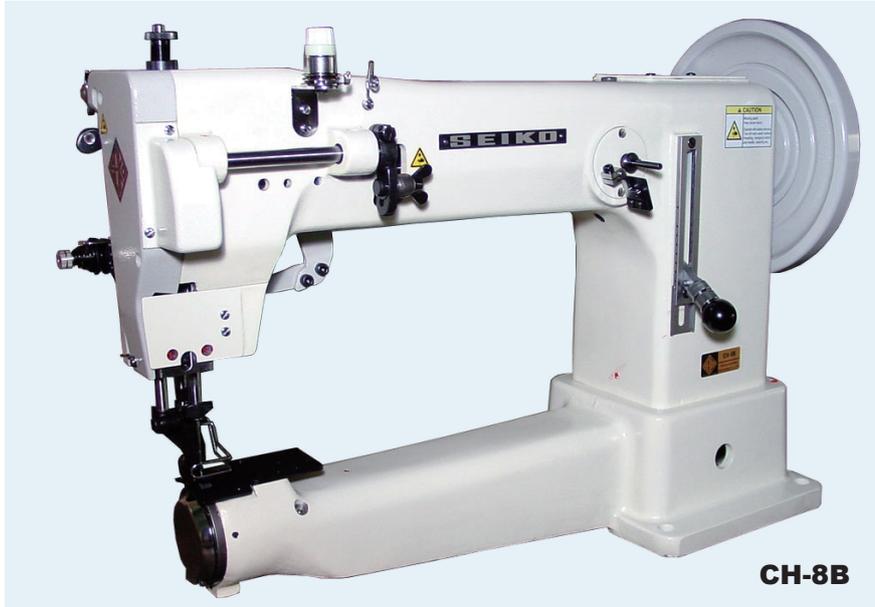
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

CH series

Single needle, Extra heavy duty, Cylinder bed,
Large oscillating shuttle hook, Compound feed and walking foot,
Reverse stitch, Long arm, Lockstitch machine

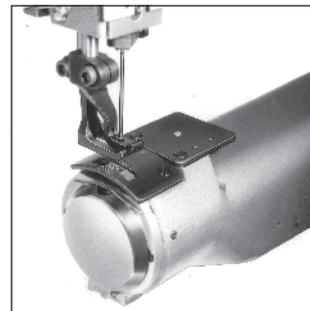


CH-8B

Variety

CH-8B

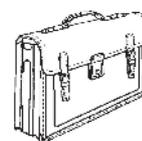
Standard model



CH-8B

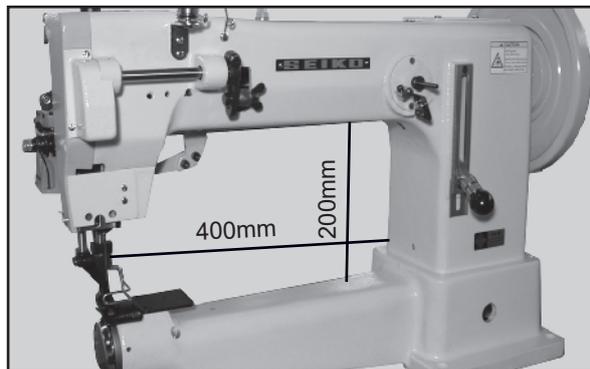
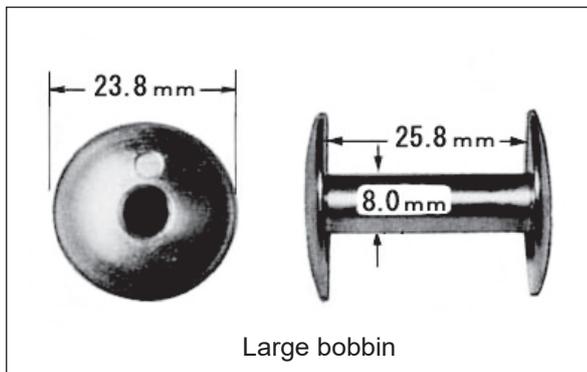
Applications

- For sewing heavy weight materials such as canvas, vinyl, leather, synthetics and various coated, laminated and rubberized fabrics.
- Suitable for sewing tubular and curved work, etc.



Features

- Large oscillating shuttle hook with extra large capacity bobbin.
- Extra long arm. [working space 15-3/4"(400 mm)]
- Extra high presser lift for sewing extra heavy materials.
- Reverse stitch by stitch adjusting lever.
- Built-in bobbin winder.
- Automatic back tack(**BT**) and automatic presser foot lift(**FL**) are available.



The practical use of wide working space(200 × 400), high presser lift amount (25mm by pedal) and large hook make it possible wide application for heavy weight materials.

Specifications

Variety	CH-8B	
Number of needle	Single needle	
Max. sewing speed	800 s.p.m.	
Max. stitch length	25/64" (10 mm)	
Clearance under presser foot	by pedal	63/64" (25 mm)
	by hand	25/64" (10 mm)
Needle bar stroke	2-13/64"(56 mm)	
Needle(standard)	DYx3 (#24), 794(#180)	
Hook	Large oscillating shuttle hook	
Thread	#8 - #0 (standard #5)	
Amount of lift of walking foot	1/8"-15/64" standard 5/32"(3 - 6 mm) (standard 4 mm)	
Thread take up lever	Cam type	
Lubrication	Hand type	
Bed size	23-5/8"x 3-15/64" (600 x 82 mm)	
Bobbin size	Φ 1-9/64" (Φ 29 mm), t=3/16"(30mm)	
Cylinder size	3-15/64" (82 mm) dia.	
Working space	15-3/4"x 7-7/8" (400 x 200 mm)	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

CW series

Single needle, High speed, Cylinder bed, Vertical axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machine



Variety

CW-8B-2

Standard model

Applications

- Designed for stitching tubular and curved work.
- Suitable for sewing such products as caps, cushions, boots, shoes, bags, luggage, handbags, travelware accessories, etc.



Features

- Vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching by stitch adjusting lever.
- Compound feed and walking foot mechanism assures even feeding of materials.
- Semi-automatic lubrication system and large hook machines are available. (**LCWN series**)

Specifications

Variety	CW-8B-2	
Number of needle	Single needle	
Max. sewing speed	2,500 s.p.m.	
Max.stitch length	13/64" (5 mm)	
Clearance under presser foot	by pedal	35/64" (14 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-5/16" (33.2mm)	
Needle(standard)	DPx17 (#22) , 135x17 (#140)	
Thread	#8 (standard)	
Hook	Vertical axis hook	
Amount of lift of walking foot	7/64"-7/32" standard 1/8" (2.7 - 5.5 mm) (standard 3.2 mm)	
Thread take up lever	Slide type	
Lubrication	Hand type	
Bobbin size	Φ 55/64" (Φ 22 mm), t=13/32"(10.3mm)	
Cylinder size	2-9/16"(65 mm) dia.	
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Net weight(Head only)	32Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LCWN single needle series

High speed, Cylinder bed, Large vertical axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machines



Variety

LCWN-8BL

Standard model

LCWN-8BL-TA

For thick thread

LCWN-8BL-CB

Small sized cylinder edge

LCWN-8BL-CB-TA

Small sized cylinder edge, for thick thread

LCWN-8BLV

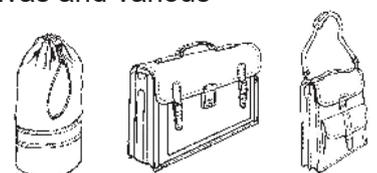
Synchronized binder

LCWN-8BLV-CB

Synchronized binder, small sized cylinder edge

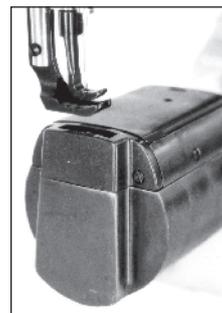
Applications

- For sewing medium to heavy weight fabrics, leather, synthetics, canvas and various coated and laminated materials.
- Suitable for sewing tubular and curved work such as shoes, boots, bags and handbags.



Features (LCWN-□)

- Improved exposure of arm-feeding mechanism components which provides safety environment. (mechanical part of alternating presser foot, foot lifter mechanism(knee lifter) and presser foot spring)
- Semi-automatic lubrication system.
- Large vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching by stitch adjusting lever.
- Special designed cylinder edge for the special stitching on uneven materials. (**8BL-CB**, **8BL-CB-TA**, **8BLV-CB**)
- Synchronized binder available.(**8BLV**, **8BLV-CB**)
- Automatic presser foot lift (**FL**) available as option.



LCWN-8BL-CB

Specifications (LCWN-□)

Variety	8BL	8BL-CB	8BLV	8BLV-CB	8BL-TA	8BL-CB-TA
Number of needle	Single needle					
Max. sewing speed	2,000 s.p.m.				1,800 s.p.m.	
Max. stitch length	1/4" (6.2 mm)					
Clearance under presser foot	by knee					
	by hand					
Needle bar stroke	5/8" (16 mm)					
Needle(standard)	21/64" (8.5 mm)					
Thread	1-25/64" (35.4 mm)				DPx17 (#22) , 135x17 (#140)	
Hook	#8 (standard)					
Amount of lift of walking foot	#0 (Upper & Lower thread)					
Thread take up lever	Large vertical axis hook (2.0 times)					
Lubrication	1/8"-15/64" (3.2 - 6 mm) standard 1/8" (standard 3.2 mm)					
Bobbin size	Slide type					
Cylinder size	Semi-automatic lubrication type					
Working space	Φ 1-9/64" (Φ 29 mm), t=31/64"(12.4mm)					
Net weight(Head only)	3-1/32"(77 mm) dia.				10-5/32"x 4-21/64" (258 x 110 mm)	
	33 Kg				34 Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LCWN two needle series

High speed, Cylinder bed, Large vertical axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machine



Variety

LCWN-28BL

Standard model

Applications

- For sewing medium to heavy weight fabrics, leather, synthetics, canvas and various coated and laminated materials.
- Suitable for sewing tubular and curved work such as shoes, boots, bags and handbags.



Features

- Improved exposure of arm-feeding mechanism components which provides safety environment. (mechanical part of alternating presser foot, foot lifter mechanism(knee lifter) and presser foot spring)
- Semi-automatic lubrication system.
- Large vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching by stitch adjusting lever.
- Automatic presser foot lift (**FL**) available as option.

Specifications

Variety	LCWN-28BL	
Number of needle	two needle	
Max. sewing speed	2,000 s.p.m.	
Max. stitch length	1/4" (6.2 mm)	
Clearance under presser foot	by knee	5/8" (16 mm)
	by hand	21/64" (8.5 mm)
Needle bar stroke	1-25/64" (35.4 mm)	
Needle(standard)	DPx17 (#22) , 135x17 (#140)	
Thread	#8 (standard)	
Hook	Large vertical axis hook (2.0 times)	
Amount of lift of walking foot	1/8"-15/64" (3.2 - 6 mm) standard 1/8" (standard 3.2 mm)	
Thread take up lever	Slide type	
Lubrication	Semi-automatic lubrication type	
Bobbin size	Φ 1-9/64" (Φ 29 mm), t=31/64"(12.4mm)	
Cylinder size	3-7/64"(79 mm) dia.	
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Net weight(Head only)	35 Kg	

NOTE: (1) Speed depends on threads, materials and type of operation

(2) Specifications subject to change without notice



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi

Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LSC series

Single needle, High speed, Narrow cylinder bed, Horizontal axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machines

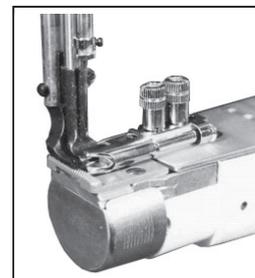


LSC-8B-2

Variety

LSC-8B-2
Standard model

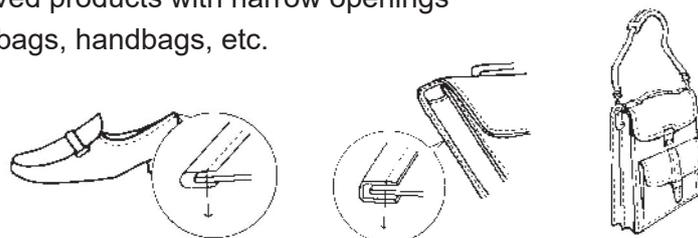
LSC-8BV-2
synchronized binder



Synchronized binder

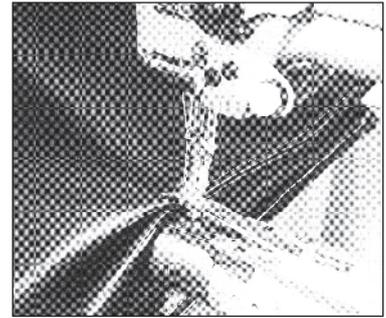
Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for tubular and curved products with narrow openings such as hats, caps, shoes, bags, handbags, etc.

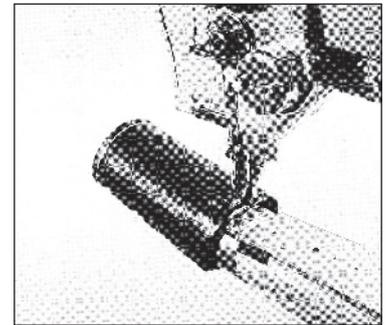


Features (LSC-□)

- Narrow cylinder bed 1-13/16"(46 mm) dia.
- Semi-automatic lubrication system.
- Horizontal axis hook.
- Reverse stitching by stitch adjusting lever.
- Compound feed and walking foot mechanism assures even feeding of several piles or of slippery materials.
- Synchronzied binder. (**8BV-2**)
- Automatic back tack (**BT**) and foot lift (**FL**) available.



LSC-8B-2



Specifications (LSC-□)

Variety	8B-2	8BV-2
Number of needle	Single needle	
Max. sewing speed	2,500 s.p.m.	2,300 s.p.m.
Max. stitch length	15/64" (6 mm)	
Clearance under presser foot	by pedal 33/64" (13 mm)	
	by hand 5/16" (8 mm)	
Needle bar stroke	1-5/16" (33.2 mm)	
Needle(standard)	DPx17 (#18)	DPx17 (#16)
	135x17 (#110)	135x17 (#100)
Thread	#20(standard)	#30(standard)
Hook	Horizontal axis hook	
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 lubrication type	
Bobbin size	Φ 55/64" (Φ 22 mm), t=11/32"(8.9mm)	
Cylinder size	1-13/16" (46 mm) dia.	
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Net weight(Head only)	29 Kg	

Feeding system	elliptical	horizontal
----------------	------------	------------

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

TE series

Single needle, Cylinder bed, Oscillating shuttle hook, Lower feed, Lockstitch machines



Variety

TE-6
Standard model

TE-6B
Reverse stitch

Applications

- For sewing light to medium heavy weight materials such as leather, vinyl, bags, pouches, various sports equipments and other curved work.



Features

- Standard is narrow toe presser foot and roller foot is supplied as accessories.
- Suitable for sewing of high-class products, due to the feature of the oscillating hook, which ensures perfect seam tightness.
- Cam take-up.
- Reverse stitching by stitch adjusting lever. (**TE-6B**)
- Long beak oscillating shuttle hook.
- Cloth plate for flat work available at extra charge. (Part no. 8136C)



Long beak oscillating shuttle hook



TE-6
Cloth plate for flat work

Specifications

Variety		TE-6	TE-6B
Number of needle		Single needle	
Max. sewing speed		1,400 s.p.m.	
Max. stitch length		15/64" (6 mm)	13/64" (4.5 mm)
Clearance under presser foot	by knee	25/64" (10 mm)	
	by hand	9/32" (7 mm)	
Needle bar stroke		1-27/64" (36 mm)	
Needle(standard)		DB x 1 (#19), 16 x 231 (#120)	
Thread		#20 (standard)	
Hook		Long beak oscillating shuttle hook	
Presser foot	standard	Narrow toe	
	accessories	Roller	
Thread take up lever		Cam type	
Lubrication		Hand type	
Bobbin size		Φ 25/32" (Φ 20 mm), t=23/64"(9mm)	
Cylinder size		2-27/64" (61.5 mm) dia.	
Working space		11-1/32" x 5-5/16" (280 x 135 mm)	
Net weight(Head only)		18 Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

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

LZ2 series

Single needle, Light to medium duty, Large horizontal axis hook, Reverse stitch, Zig-zag stitch(Lockstitch) machines



Variety

2-point(1-step) zig-zag

  **LZ2-990-2N**
Lower feed

  **LZ2-992-2N**
Upper and lower feed

4-point(3-step) zig-zag

  **LZ2-990-4N**
Lower feed

  **LZ2-992-4N**
Upper and lower feed

3-point(2-step) zig-zag

  **LZ2-990-3N**
Lower feed

  **LZ2-992-3N**
Upper and lower feed

Applications

- For sewing light to medium weight materials such as fabrics, leather, canvas, and vinyl.
- Suitable for sewing such as leather garment, shoe upper, leather glove.

Features

- Suitable for light to medium materials
- Large horizontal axis rotary hook
- Extra wide zig-zag
- 20 inches long arm model is available

Specifications

Variety	LZ2-990 series	LZ2-992 series
Number of needle	Single needle	
Max. sewing speed	2,800 s.p.m.	2,500 s.p.m.
Max. stitch length	11/64" (4.5 mm)	
Zig-Zag width	0" - 3/8" (0 - 9.5 mm)	
Clearance under presser foot	by knee	23/64" (9.0 mm)
	by hand	5/16 (8.0 mm)
Needle Bar Stroke	1-23/64" (34.6mm)	
Needle(standard)	DP x 17 (#19)	
Thread	#30 (standard)	
Hook	Large horizontal axis hook (2.0 times)	
Lubrication	Semi-automatic lubrication type	
Bed size	18-25/32" x 6-31/32" (477 x 177 mm)	
Bobbin size	Φ 1-1/64" (Φ 25.8 mm), t=27/64"(10.8 mm)	
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Net weight (Head only)	28 Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp



Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

SKZ series

Single needle, Extra heavy duty, Extra large horizontal axis hook, Reverse stitch, Zig-zag stitch(lockstitch)machines



SKZ-6B

Variety

2-point(1-step) zig-zag

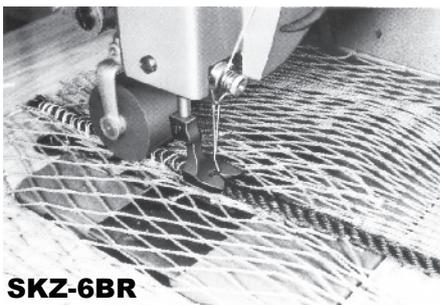
- | | | |
|---|---|--|
|  |  | SKZ-2B
Upper and lower feed |
|  |  | SKZ-6B
Lower feed |
|  |  | SKZ-6BR
Lower feed, cloth puller |

3-point(2-step) zig-zag

- | | | |
|---|---|--|
|  |  | SKZ-2B-3
Upper and lower feed |
|  |  | SKZ-6B-3
Lower feed |
|  |  | SKZ-6BR-3
Lower feed, cloth puller |

Applications

- For sewing medium to extra heavy weight materials such as fabrics, leather, canvas, and vinyl.
- Suitable for sewing such as luggage, rope, blankets, nets(fishing net), carpets.



SKZ-6BR

*Suit for repairing fishing net
Puller performs exact stitching, by fixing flexible materials, thus suitable for sewing and repairing vinyl made fishing net, etc.



SKZ-6B-3

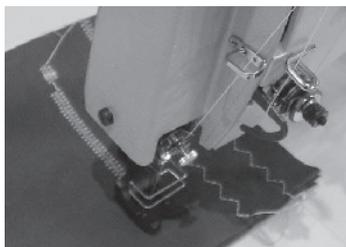
*Suit for sewing elastic and stretching materials
Three steps zig zag stitching suitable for sewing elastic and stretching materials on foundation. (Sewing type 308)



Features (SKZ-□)

- Suitable for ultra heavy materials
- Puller performs accurate feed for ultra heavy materials (**6BR, 6BR-3**)
- Large horizontal axis rotary hook
- Extra wide zig-zag
- Cording foot available
- From wider zig-zag stitch to straight stitch

*Various zig zag stitch can easily be made, from 12.7mm to 0mm straight stitch, suit to wide application.



SKZ-6B



SKZ-6B

Specifications (SKZ-□)

Variety	2B	2B-3	6B	6BR	6B-3	6BR-3
Number of needle	Single needle					
Max. sewing speed	1,000 s.p.m.					
Max. stitch length	19/64" (7.5 mm)	5/32" (4 mm)	19/64" (7.5 mm)			
Zig-Zag width	0 -1/2" (0 -12.7 mm)					
Clearance under presser foot	by knee	19/32" (15 mm)				
	by hand	11/32" (9 mm)		25/64" (10 mm)		
Needle bar stroke	2" (50.8 mm)					
Needle (standard)	DD x H14 (#25)					
Thread	#5 (standard)					
Hook	Extra large horizontal axis hook					
Thread take up lever	Link type					
Lubrication	Hand type					
Amount of lift of walking foot	1/8"-15/64" (Standard 7/32") (3 - 6 mm) (Standard 5.5 mm)		—			
Bed size	20-33/64"x 9-27/32" (521 x 250 mm)					
Bobbin size	Φ 1-23/64" (Φ 34.6 mm), t=19/32" (15 mm)					
Working space	10"x 7- 43/64" (254 x 195 mm)					
Net weight (Head only)	55 Kg			54 Kg		

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



SEIKO SEWING MACHINE CO., LTD.

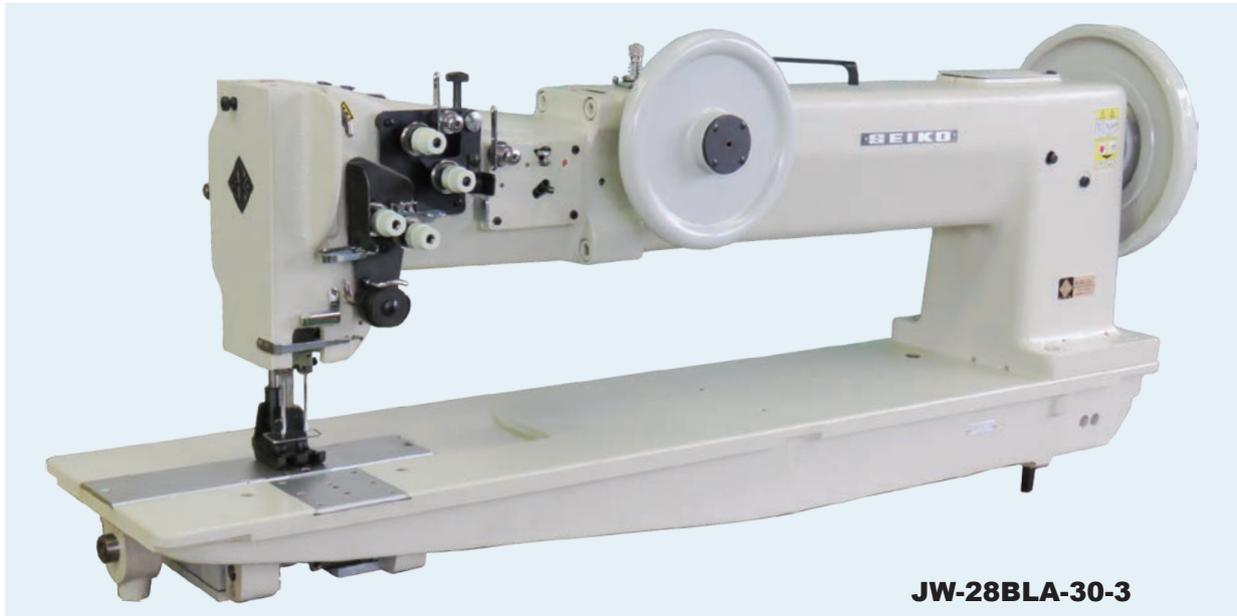
2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

JW series

Extra heavy duty, 30 inch long arm, Extra large vertical axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machines



Variety



JW-8BL-30-3

Single needle



JW-8BLA-30-3

Single needle, for thick thread



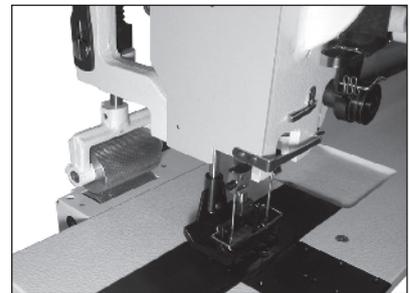
JW-28BL-30-3

Two needle



JW-28BLA-30-3

Two needle, for thick thread



Clutch driven puller feed

Applications

- For sewing extra heavy weight materials such as canvas, vinyl, leather, synthetics, and various coated, laminated and rubberized fabrics.
- Suitable for sewing such as tents, tarps, awnings, truck covers, auto marine and furniture upholstery, field covers, fabric structures and heavy bulky products.

Features

- Long and wide working space is suitable for sizable materials such as tent and sail cloth.
- Extra large vertical axis hook with automatic lubrication.
- Compound feed and walking foot mechanism assures even feeding of materials.
- Double thread tension.
- Safety clutch prevents the hook from being damaged.
- Reverse feed operated by foot pedal.
- Push button stitch regulator.
- Built-in bobbin winder.
- Front handwheel allows for easy positioning of the needle.
- Cloth puller available as option.
Add suffix **"R"** when ordering.
- Automatic back tack (**BT**) and foot lift (**FL**) available as option.
Add suffix **"BT"** and **"FL"** when ordering.



Extra large vertical axis hook

Specifications (JW-□)

Variety	8BL-30-3	28BL-30-3	8BLA-30-3	28BLA-30-3
Number of needle	Single needle	Two needle	Single needle	Two needle
Max. sewing speed	1,500 s.p.m.	1,200 s.p.m.	1,000 s.p.m.	
Max. stitch length	25/64" (10 mm)			
Clearance under presser foot	by pedal		29/32" (23 mm)	
	by hand		25/32" (20 mm)	
Needle bar stroke	1-27/32" (46.8 mm)			
Needle(standard)	DY x 3 (#24)		DY x 3 (#29)	
Thread	upper #8 - #0 (standard #5), lower #8		upper #5 - 1.4 mm, lower #5	
Hook	Special extra large vertical axis hook			
Amount of lift of walking foot	15/64" - 11/32" (6 mm - 9 mm)		standard 15/64" (standard 6 mm)	
Thread take up lever	Slide type			
Lubrication	Semi-automatic lubrication type			
Bed size	43 - 5/16" x 9 - 1/16" (1,100 x 230 mm)			
Bobbin size	Φ 1-29/64" (Φ 37 mm), t=33/64"(13mm)			
Working space	30" x 6 - 1/32" (762 x 153 mm)			

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

Needle gauge list

Variety	Needle gauge size
JW-28BL-30-3	standard : 1/4"(6.4 mm), 5/16"(7.9 mm), 3/8"(9.5 mm), 1/2"(12.7 mm), 3/4"(19 mm)
JW-28BLA-30-3	standard : 3/4"(19 mm)

Note: Other needle gauges are available within 5/8" to 1-1/2" at extra cost.



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LSWNH series

20 inch long arm and high arm, Large vertical axis hook, Compound feed and walking foot, Reverse stitch, Lockstitch machines.



LSWNH-28BL-20-1-BTFL

Variety



LSWNH-8BL-20-1

Single needle



LSWNH-8BL-20-1-BTFL

Single needle, automatic back tack, automatic presser foot lift



LSWNH-8BL-20-1-TA

Single needle, for thick thread



LSWNH-8BL-20-1-TA-BTFL

Single needle, automatic back tack, automatic presser foot lift, for thick thread



LSWNH-28BL-20-1

Two needle



LSWNH-28BL-20-1-BTFL

Two needle, automatic back tack, automatic presser foot lift



LSWNH-28BL-20-1-TA

Two needle, for thick thread

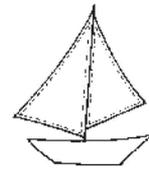
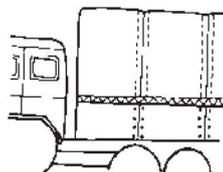


LSWNH-28BL-20-1-TA-BTFL

Two needle, automatic back tack, automatic presser foot lift, for thick thread

Applications

- For sewing medium to heavy weight materials such as leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as tents, covers, sails, awnings, tarpaulins, automobile upholstery.



Features (LSWNH-□)

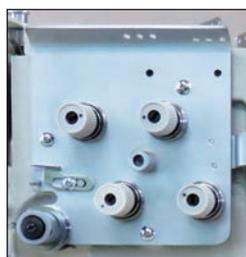
- Standard equipment of long stitch (max.10mm) suitable for thick material and amount of alternative presser lift (max.6mm).
- Adoption of feed-adjusting dial which eases determination process of stitch length.
- Plain needle drop area/adoption of open/close simplified face plate which provides wide-ranged movement of sewn material.
- Advanced penetration required for sewing of thick material/adoption of large pulley (O.D. 150mm) which enables the needle bar to be positioned properly.
- Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Large capacity hook (2.0 times/Automatic hook lubrication) minimized the time to replace the bobbin thread.
- Safety clutch prevents the hook from being damaged.
- Adoption of double tension system for stable stitchment.



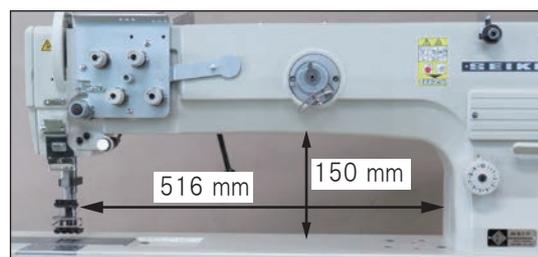
Built-in bobbin winder



Single needle



Two needle



Long and wide working space

Specifications (LSWNH-□)

Variety	8BL-20-1 8BL-20-1-BTFL	28BL-20-1 28BL-20-1-BTFL	8BL-20-1-TA 8BL-20-1-TA-BTFL	28BL-20-1-TA 28BL-20-1-TA-BTFL
Number of needle	Single needle	Two needle	Single needle	Two needle
Max. sewing speed	1,500 s.p.m.		1,300 s.p.m.	
Max. stitch length	25/64" (10 mm)			
Clearance under presser foot	by pedal		5/8" (16 mm)	
	by hand		9/64" (8.5 mm)	
Needle bar stroke	1-25/64" (37 mm)			
Needle(standard)	DP x 17(#22), 135 x 17(#140)		DP x 17(#24), 135 x 17(#180)	
Thread	#8 (standard)		#5 (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 lubrication type			
Bed size	30-45/64" x 7-1/64" (780 x 178 mm)			
Bobbin size	Φ 1-9/64" (Φ 29 mm), t=31/64"(12.4mm)		Φ 1-7/64" (Φ 28 mm), t=15/32"(12 mm)	
Working space	20-5/16" x 5-29/32" (516 x 150 mm)			
Net weight(Head only)	61 Kg*1	63 Kg*1	61 Kg*1	63 Kg*1

*1 Additional weight for **BTFL** equipment is 1 kg

NOTE: (1)Speed depends on thread, materials and type of operations. (2)Specifications subject to change without notice.



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

SK-2B-20-1

Single needle, Extra heavy duty, 20 inch long arm, Extra Large horizontal axis hook, Upper and lower feed, Reverse stitch, Lockstitch machine

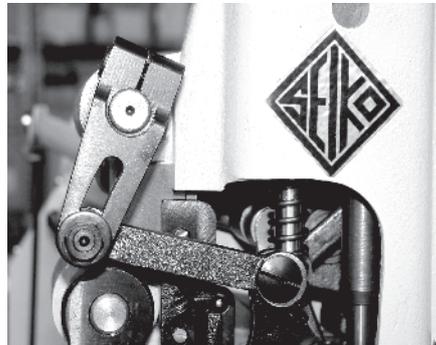


SK-2B-20-1

Variety

SK-2B-20-1

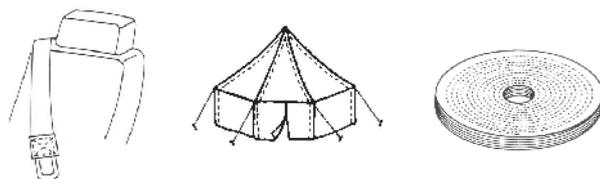
Standard model



Alternating presser foot lift relative parts

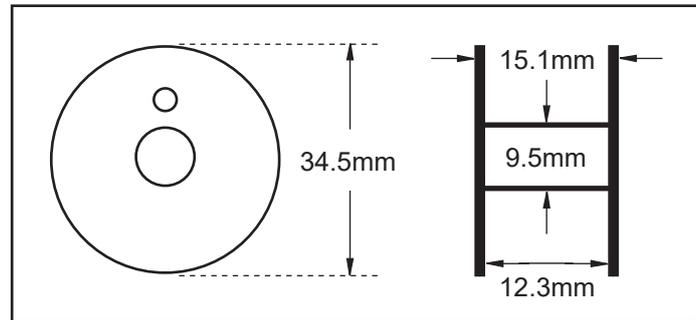
Applications

- For sewing heavy weight leather, canvas, vinyl, and various coated and laminated fabrics
- Suitable for sewing such products as harnesses, covers, safety belts, tents, sheets, gloves, buffs, and heavy duty travel bags.



Features

- Horizontal axis rotary hook with extra large capacity bobbin minimizes the time to replace the bobbin thread.
- SK series is the powerful sewing machine in the SEIKO specially designed for ultra heavy duty materials.



Large bobbin

Specifications

Variety	SK-2B-20-1	
Number of needle	Single needle	
Max. sewing speed	900 s.p.m.	
Max. stitch length	1/2" (13 mm)	
Clearance under presser foot	by pedal	35/64" (14 mm)
	by hand	1/2" (13 mm)
Needle bar stroke	2" (50.8 mm)	
Needle(standard)	DDx1 (#24) , 328 (#180)	
Thread	#0 - #5 (standard #5)	
Hook	Extra Large horizontal axis hook	
Amount of lift of presser foot	1/8"-15/64" (3 - 6 mm) (standard 4mm)	
Thread take up lever	Link type	
Lubrication	Hand type	
Bed size	30-35/64" x 9-61/64" (776 x 253 mm)	
Bobbin size	Φ 1-29364" (Φ 34.6 mm), t=19/32"(15mm)	
Working space	20-5/64"x 7-31/64" (510 x 190 mm)	
Net weight(Head only)	71 Kg	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

LDA series

High speed, Feed-off-the-arm, Lower feed, Double chain stitch machines



LDA-L26-1

Variety



LDA-L26-1

Two needle, for light weight materials



LDA-T26-1

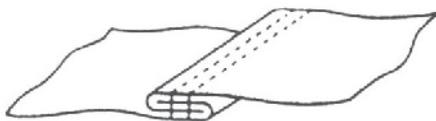
Two needle, for heavy weight materials



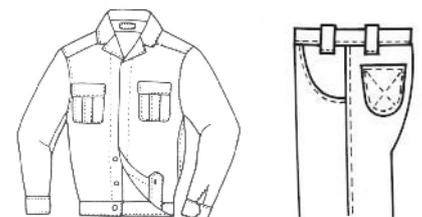
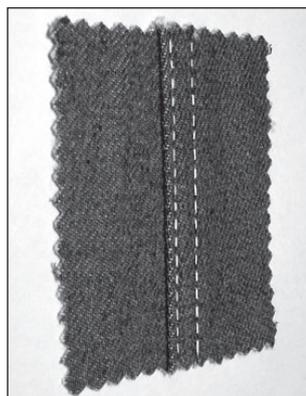
LDA-T26-1

Applications

- For sewing light to heavy weight materials
- Suitable for sewing shirts, sleep suit, jeans, pants, skirts, uniforms, heavyoveralls, raincoats, and to sew tubular products, etc.



LDA-T26-1



Features

- Fully automatic lubrication
- Clear, unobstructed view of work area for operator with ample work space to right of needles
- Easy access to stitch regulator and looper avoiding motion adjustment
- Oil flow window indicates oil circulation
- Non-slip belt drive to bed mechanism assures smooth, positive power feeding
- Under threading readily accessible through hinged covers

Specifications (LDA-□)

Variety	L26-1	T26-1
Number of needle	Two needle	
Max. sewing speed	6,500 s.p.m.	5,000 s.p.m.
Max. stitch length	3/32" (2.5 mm)	11/64" (4.2 mm)
Clearance under presser foot	1/4" (6.4 mm)	5/16" (8 mm)
Needle bar stroke	1-1/16" (27 mm)	1-5/16" (33.3 mm)
Needle(standard)	TVx7 (#16), 149x7 (#100)	TVx3 (#21), 149x3 (#130)
Thread	#40 (standard)	#20 (standard)
Lubrication	Full automatic lubrication type	

NOTE: (1) Speed depends on threads, materials and type of operation

(2) Specifications subject to change without notice

Needle gauge list (LDA-□)

Variety	Needle gauge size
L26-1, T26-1	standard : 3/16"(4.8mm) , 1/4"(6.4mm)



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan

Phone : +81-47-420-3561 (Overseas dept.)

Fax : +81-47-420-3560

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

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

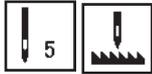
LD series

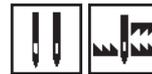
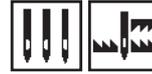
High speed, Flat bed, Double chain stitch machines



LD-8

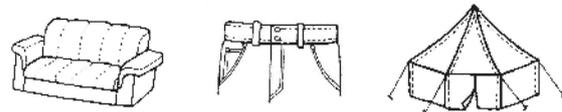
Variety

- | | |
|---|---|
|  | LD-7
Single needle, Compound feed |
|  | LD-27
Two needle, Compound feed |
|  | LD-37
Three needle, Compound feed |
|  | LD-47
Four needle, Compound feed |
|  | LD-57
Five needle, Compound feed |
|  | LD-67
Six needle, Compound feed |

- | | |
|---|--|
|  | LD-8
Single needle, Compound feed and walking foot |
|  | LD-28
Two needle, Compound feed and walking foot |
|  | LD-38
Three needle, Compound feed and walking foot |
|  | LD-48
Four needle, Compound feed and walking foot |
|  | LD-58
Five needle, Compound feed and walking foot |
|  | LD-68
Six needle, Compound feed and walking foot |

Applications

- For sewing medium to heavy weight fabrics, leather, canvas, denim, synthetics, and various coated and laminated materials.
- Suitable for automobile upholstery, work gloves, luggage, trousers, carpets, mattresses, etc.



Features

- Simplified looper throw-out.
- Easy accessibility for threading loopers.
- No bobbin winding or changing (double chain stitch)
- Coarse stitch(7.5 - 10mm stitch) version available on model **LD-8**.
- Ultra long arm version (**SSLD series**) available
- Cloth puller available. Add suffix "**R**" when ordering.

Specifications (LD-□)

Variety	□7	□8
Number of needle	1 to 6	
Max. sewing speed	3,000 s.p.m.	
Max. stitch length	19/64" (7.5 mm)	
Clearance under presser foot	by knee	33/64" (13 mm)
	by hand	5/16" (8 mm)
Needle bar stroke	1-3/8" (35 mm)	
Needle(standard)	DVx59 (#22) , 62x59 (#140)	
Thread	#8 (standard)	
Amount of lift of walking foot	-	5/64" - 9/64" standard 3/32" (1.8 - 3.5 mm) (standard 2.5 mm)
Thread take up lever	Needle bar type	
Lubrication	Semi-automatic lubrication type	
Bed size	20-25/64" x 6-31/32" (518 x 177 mm)	
Working space	10-5/8" x 5-5/16" (270 x 135 mm)	
Net weight(Head only)	43Kg	

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

Needle gauge list (LD-□)

Variety	Needle gauge size
27 , 28	standard : 1/4"(6.4 mm), 5/16"(7.9 mm), 3/8"(9.5 mm), 1/2"(12.7 mm)



SEIKO SEWING MACHINE CO., LTD.

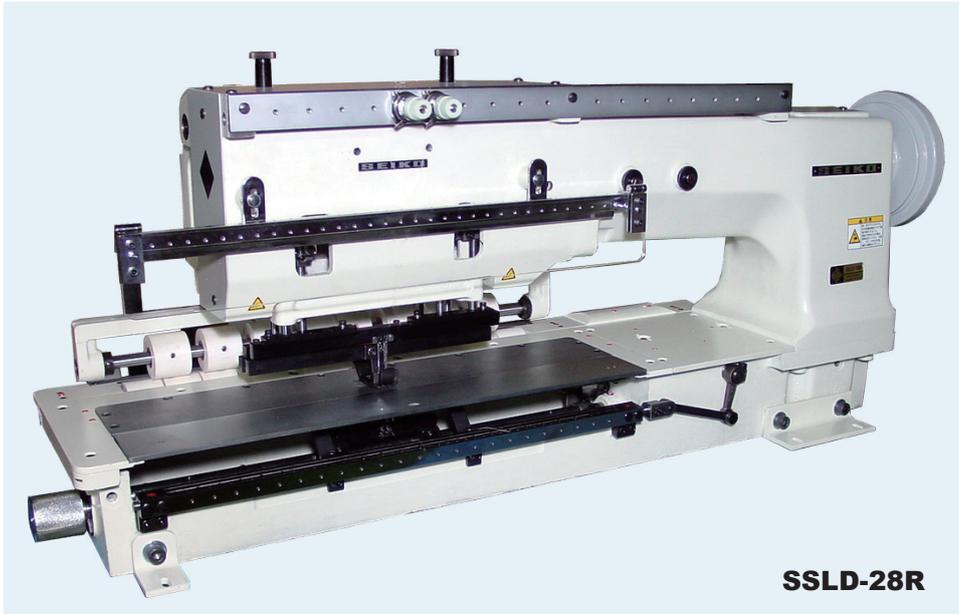
2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

SSLD series

Heavy duty, Ultra long arm, Compound feed and walking foot, Clutch driven puller feed, Double chain stitch machines



SSLD-28R

Variety



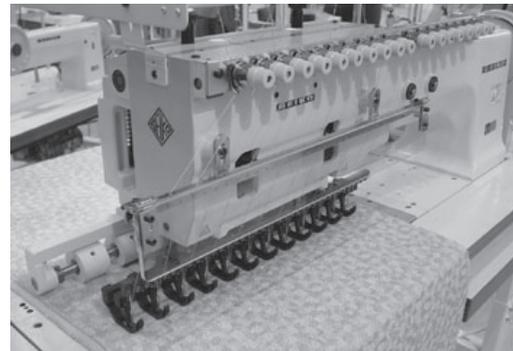
SSLD-□8R

2~9 needles



SSLD-□□8R

10~18 needles

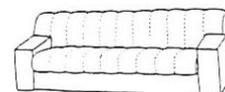


SSLD-128R-FL

* Min. distance between needles is 1/4"(6.4mm).

Applications

- For sewing medium to heavy weight fabric, leather, canvas, denim, synthetics, and various coated and laminated materials.
- Suitable for automobile upholstery, carpets, mattresses, etc.



Features

- Ultra long arm, working space 20 inch (508 mm)
 - Compound feed and alternating presser foot mechanism ensures even feeding of heaviest and most slippery articles to be sewn
 - Heavy duty top and bottom puller ensures accurate and efficient feeding
 - No bobbin winding or changing (double chain stitch)
 - Automatic presser foot lift (**FL**) available
- * Special gauge parts (from 2 needles to 70 needles) within overall gauge size 18 inch (460mm) can be made upon request. However, maximum number of needle which can use at a time must be 18 needles due to functional specification.
- * **SSLD series** is completely made-to-order. The number of needle and their needle distance are required to estimate the machine price.

Specifications

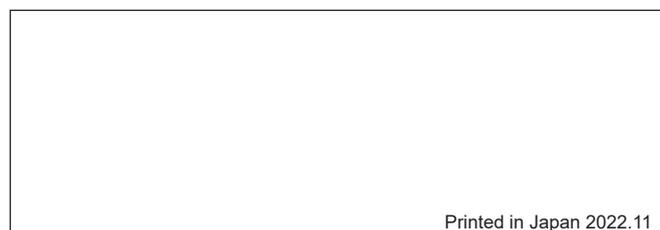
Variety	SSLD series
Number of needle	2 to 18
Max. sewing speed	1,200 s.p.m.
Max. stitch length	23/64" (9 mm)
Clearance under presser foot	19/32" (15 mm)
Needle bar stroke	1-17/32" (39 mm)
Needle(standard)	DV x 59 (#22) , 62 x 59 (#140)
Thread	#8 (standard)
Thread take up lever	Needle bar type
Amount of lift of walking foot	5/64"-15/64" standard 9/64" (2 - 5.8 mm) (standard 3.6 mm)
Lubrication	Semi-automatic lubrication type
Bed size	38-37/64" x 7-31/64" (980 x 190 mm)
Working space	20" x 4-51/64" (508 x 122 mm)

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp



Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

SAM-22

Single needle, Long arm, Super heavy duty,
Large oscillating shuttle hook,
Programmable electronic pattern sewing machine



SAM-22

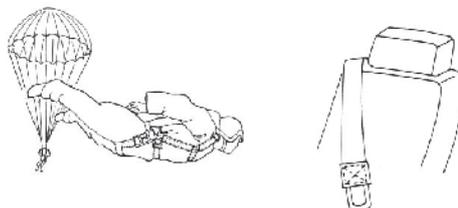
Variety

SAM-22

Standard model

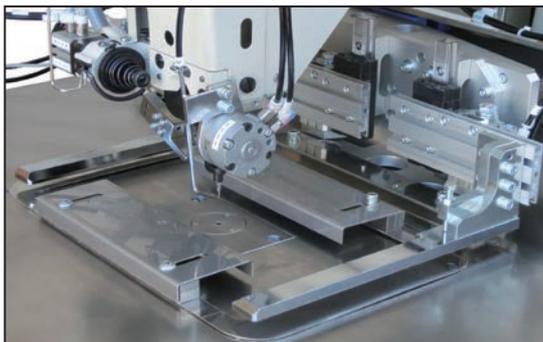
Applications

- For sewing super heavy weight materials.
- Suitable for sewing products such as safety and logging belts, cargo slings, harnesses, construction barriers, parachutes, balloons and book binding.



Features

- Stitch pattern can be stored in the memory of control box with USB memory .
(Max.20,000 stitches)
- Reliable programmed X-Y movement for Heavy Duty.
- Stitch length is 0.1mm to 13.0mm.
- Reliable clamping system to hold material stably by pneumatic control system.
- Extra large oscillating shuttle minimizes the time to replace the bobbin thread.
- Thick thread can be cut smoothly by heat cutting.



Reliable clamping system

Specifications

Variety	SAM-22
Number of needle	Single needle
Max. sewing speed	600 s.p.m.
Max. stitch length	33/64" (13 mm)
Needle bar stroke	2-19/32" (66 mm)
Needle	Schmetz 1000(#250)(standard)
Thread	#0 (standard) - #00
Hook	Large oscillating shuttle hook
Amount of inside presser foot	1-1/2" (38 mm)
Amount of outside presser foot	1-7/64"(28 mm)
Bobbin size	Φ 1-17/64" (Φ 32.3 mm), t=1-47/64"(44.2 mm)
Sewing area	(X)250 mm x (Y)150 mm(standard)
Scale up/down function	10-200% for each X-Y axis (1 increment/step)
Thread trimmer	Heat cutting system
Thread take up lever	Cam type
Lubrication	Semi-automatic lubrication type
Voltage	200/240V Single phase

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

SAM-40

Two needle , Post bed, Large vertical axis hook,
Multi different ornamental stitching, Automatic presser foot lift,
Compound feed and walking, Lockstitch sewing machine



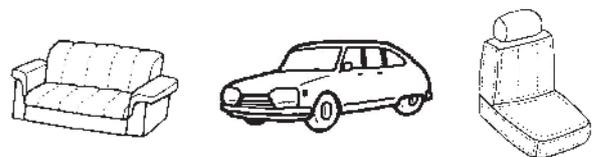
Variety

SAM-40

Standard model

Applications

- For sewing medium to heavy weight materials such as leather, vinyl, synthetics and laminated and coated materials
- Suitable for sewing such as automobile upholstery tarpaulins, covers, awnings, tents, umbrellas, handbags, luggage, travelware accessories, sports and camping equipment and wearing apparel outdoor clothing.

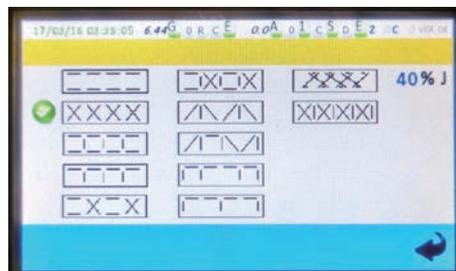


Features

- Wide range of ornamental stitch
 - * 12 standard stitch patterns
 - * User designed stitch patterns can be registered (Max.99 patterns)
- Easy operation of stitch pattern change by touch panel display
- Max.10mm stitch length



Stitch patterns



Touch panel display and
12 standard stitch patterns



Specifications

Variety	SAM-40	
Number of needle	Two needle	
Max. sewing speed	450 s.p.m.	
Max.stitch length	25/64" (10 mm)	
Clearance under presser foot	by hand	23/64" (9 mm)
	by automatic foot lifter	5/8" (16 mm)
Needle bar stroke	1-11/32" (34 mm)	
Needle	PF x 134KS #21 - #23 (Standard #23)	
Thread	#20 - #1 (Standard #5)	
Hook	Large vertical axis hook (2.0 times)	
Post height	7-1/64" (178 mm)	
Thread take up lever	Link type	
Amount of walking foot movement	3/64" - 9/32" (1 - 7mm)	
Walking foot movement change switch	By touch panel display	
Bobbin winder	Built-in type located at the top of the sewing machine	
Auto presser foot lifting device	Pneumatic	
Safety device	Standard	
Lubrication	Semi-automatic lubrication type	
Bed size	18-45/64" x 7-1/64" (475 x 178 mm)	
Bobbin size	Φ 1-9/64" (Φ 29 mm), t=1-31/64"(12.4 mm)	
Working space	10-15/64" x 4-23/32" (260 x 120 mm)	

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



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
Chiba Prefecture, 273-0018, Japan
Phone : +81-47-420-3561 (Overseas dept.)
Fax : +81-47-420-3560
E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

HVP-i70

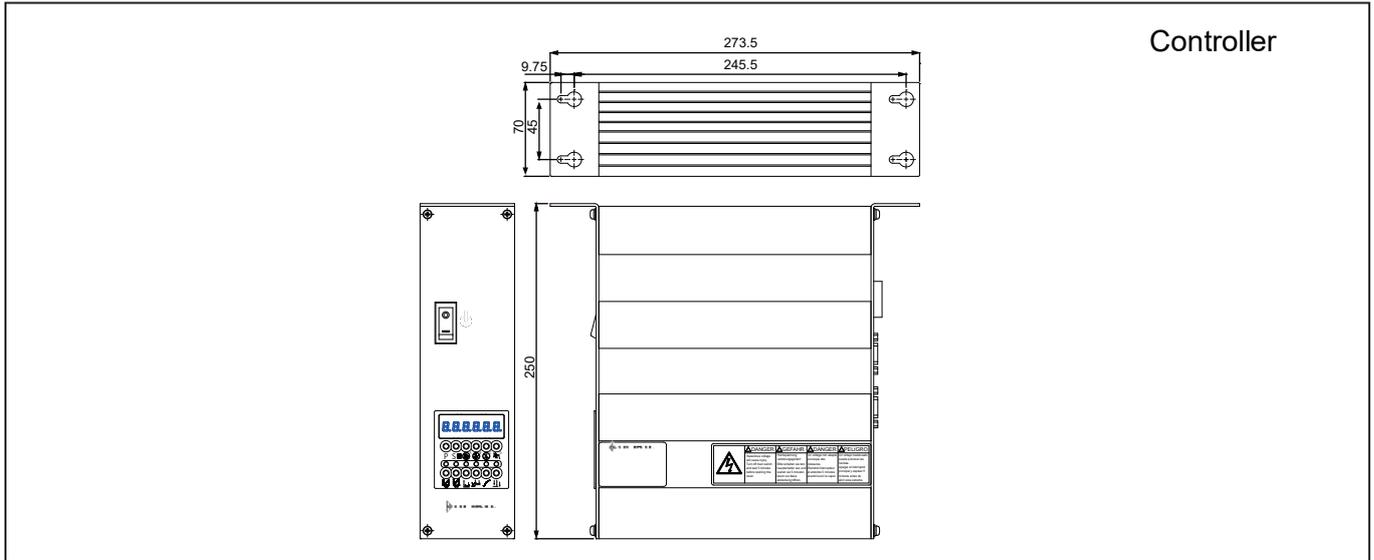
AC servo motor for “SEIKO” machine



Features

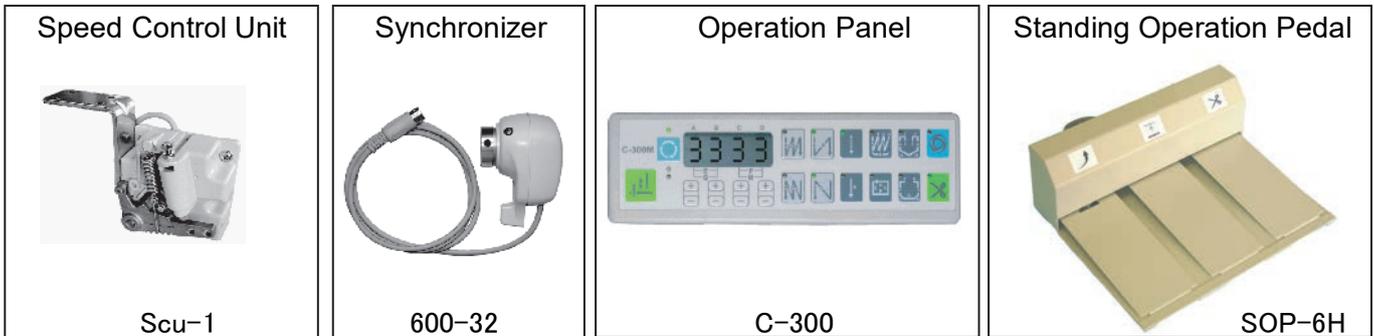
- Simple and easy to use for “SEIKO” machines.
(Pre-setting the necessary parameters for “SEIKO” Models then only setting the machine code number when initial operation.)
- Low noise, low vibration and low power consumption.
- Highly accurate positioning.
- Specification matched the “CE” Standard.
- Without synchronizer(if damaged), motor working as Clutch motor and the backtack solenoid & auto-foot lifter still working.
- Solenoid over current protected.
- Fully digital design, powerful parameter built-in for application.
- With O.V. ,O.C. ,L.V. protection function and controlled by software.
- With auto-running timer inside, easy to test. (Function no.135, 136, 137 & 138)
- Easy to maintain through error cord display.

Dimension



Controller

Option Parts



Specification

Rated speed(r.p.m.)	3,500
Rated output(W)	750
Power voltage range(V)	single phase 100-120/200-240
Pully size available(mm)	55-85
Output shaft	Straight shaft Φ 14
Gross weight(Kg)	10.9
Packing dimension(mm)	400L X 320W X 430H

Features

- Auto presser foot lift
- Thread trimmer
- Auto back tack
- Climbing device
- Dual stitching device
- Needle up/down
- Slow start
- DC12V lamp output



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp



Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>

HVP-i90

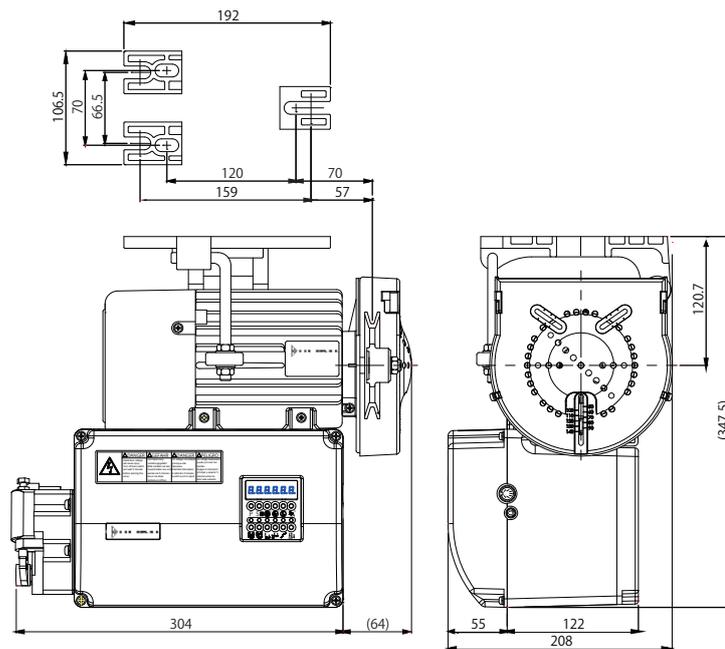
AC servo motor for “SEIKO” extra heavy duty machine



Features

- Simple and easy to use for “SEIKO” extra heavy duty machines.
- Stable stopping accuracy.
- Low noise, low vibration and low power consumption.
- Specification matched the “CE” Standard.
- Solenoid over current protected.
- Software / Hardware 2-way protection system.
- Easy to maintain through error code display.

Dimension



Option Parts

<p>Synchronizer</p>  <p>600-32</p>	<p>Standing operation pedal</p>  <p>SOP-6H</p>	<p>Operation panel</p>  <p>Standard C-300M</p>
---	--	---

Specification

Rated speed(r.p.m.)	2,000
Rated output(W)	750
Power voltage range(V)	single phase 100-120/200-240
Pully size available(mm)	65-130 (standard 65)
Output shaft	Taper shaft
Gross weight(Kg)	11.5
Packing dimension(mm)	424L X 409W X 355H

Features

- Auto presser foot lift
- Thread trimmer
- Auto back tack
- Climbing device
- Dual stitching device
- Needle up/down
- Slow start



SEIKO SEWING MACHINE CO., LTD.

2-13-6, Sakaecho, Funabashi-shi
 Chiba Prefecture, 273-0018, Japan
 Phone : +81-47-420-3561 (Overseas dept.)
 Fax : +81-47-420-3560
 E-mail : exsales@seiko-sewing.co.jp

Printed in Japan 2022.11

<https://www.seiko-sewing.co.jp/en/>



<https://www.seiko-sewing.co.jp/en/>

SEIKO SEWING MACHINE CO., LTD.

2-13-6 Sakaecho, Funabashi-shi,
Chiba 273-0018, JAPAN
Phone: +81-47-420-3561 (Export dept.)
Fax: +81-47-420-3560

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

