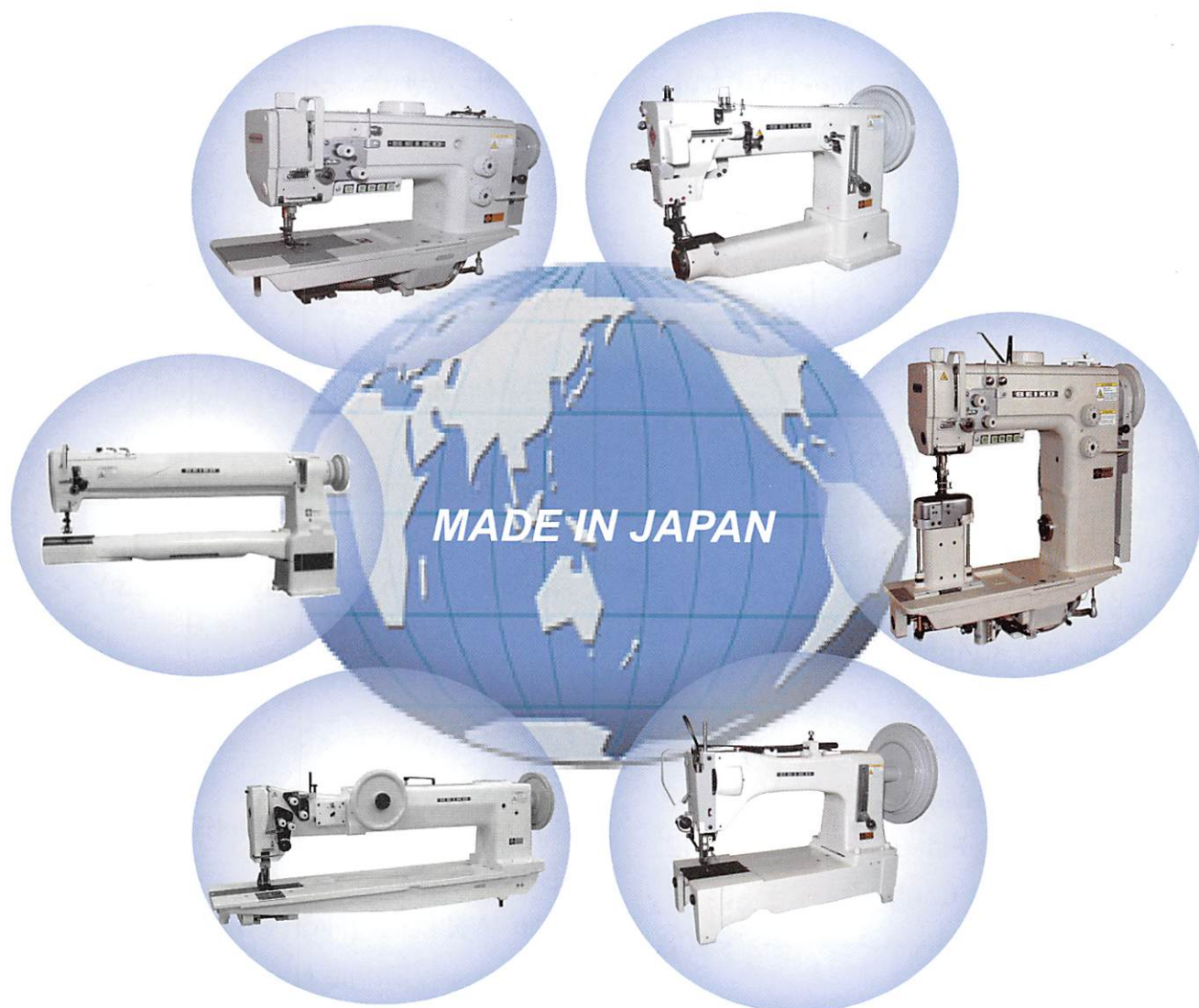




SEIKO®

We are proud of our highest quality
industrial sewing machine for heavy duty



From the library of: Superior Sewing Machine & Supply LLC

CONTENTS

MODEL CODE

MODEL CODE INFORMATION - - - - 114

SPECIAL MACHINES

4Needle Lock stitch Machine	----- 2
Ornamental Stitch Machine (Mechanical Type)	----- 4
Heavy duty Zig-Zag Lock stitch Post Bed Machine	----- 94
Edge sewing Machine	----- 104
Multi Needle (up to 18 needle) Machine	- 96

AUTOMATIC MACHINES

SAM-21 (Sling Belt Sewing Machine)	- - 6
SAM-31 (Gathering Machine)	----- 8

LONG ARM MACHINES

CH-15 Inches Long Cylinder Bed Type	- 82
TH-16 Inches Long Flat Bed Type	---- 38
LLW / LLWH-18 Inches Long Flat Bed Type (Single Needle)	----- 46
LLW / LLWH-18 Inches Long Flat Bed Type (Twin Needle)	----- 48
LCW-20 & 30 Inches Long Cylinder Bed Type	----- 74
JW-10 Inch & 20,30 Inch Thread Trimmer	----- 50
JW-20 & 30 Inches Long Flat Bed Type (Single & Twin Needle)	----- 52
BBW-26 Inches Long Flat Bed Type	--- 42
SLD-20 & 30 Inches Long (Double Chainstitch)	----- 108

FLAT BED MACHINES

BBW Series	----- 20
BEW Series (Single Needle)	----- 24
BEW Series (Twin Needle)	----- 28
STH single Needle	----- 10
LSW single Needle	----- 12
LSW Special Purpose (Binding, Trimming, Stitching)	----- 16
LSW Twin Needle (Angular Stitch)	--- 18
LSWN Series (Single & Twin Needle)	- 14
SSH series	----- 44
SK Series	----- 34
SKM Series	----- 36
SLH Series	----- 40
WB-8GW-1	----- 32

ZIG-ZAG MACHINE (Including Long arm)

LZ2-990 Series (For Light & Medium Materials)	----- 86
SKZ Series (For Medium to Heavy Materials)	----- 88
SKZ-2B (For Medium to Heavy Materials)	----- 90
SKZ-2B-2/3 (For Medium to Heavy Materials)	----- 92

POST BED MACHINES

LPW Series (Angular stitch)	----- 56
BBWP Series	----- 54
LHPWN Series (High Post)	----- 58
PW Series (Single Needle)	----- 60
PW Series (Twin Needle)	----- 62
PWB Series (Single Needle)	----- 64
PWB Series (Twin Needle)	----- 66

CYLINDER BED MACHINES

TE/TF series	68
CK-1	70
CW series	72
LCW series	74
LSC series	76
HC/HCLH series	80
CH series	82

DOUBLE CHAIN STITCH MACHINES

LD series	98
LDA series	100
DN series	102
DCN series	106
SLD series	108

AC SERVO MOTOR

HVP-70 series	110
HVP-90 series	112

COMPANY PROFILE

ESTABLISHMENT : SEPTEMBER 1947 IN TOKYO, JAPAN.

BUSINESS CONTENTS : MANUFACTURE AND SALES OF INDUSTRIAL SEWING MACHINES, ESPECIALLY HEAVY DUTY TYPE.

HEAD OFFICE : 2-13-6 SAKAECHO, FUNABASHI-SHI, CHIBA 273-0018
JAPAN

FACTORIES : SAME WITH ABOVE.

MEMBER OF :

JAPAN SEWING MACHINERY MANUFACTURES ASSOCIATION.(JASMA)
ALL NIPPON SPECIAL SEWING MACHINERY ASSOCIATION.(ANSMA)
TOKYO SEWING MACHINE COMMERCE COOPERATIVE.
INDUSTRIAL FABRICS ASSOCIATION INTERNATIONAL.(IFAI)

LSWN -48BL (& 46BLR)

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

〈 PATENT PENDING 〉



Lower feed & Puller feed

Applications

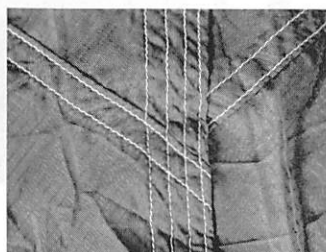
- For sewing medium weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as boat and furniture upholstery, parachutes, tarpaulins, covers, awnings, tents, sports and camping equipment, wearing apparel, outdoor clothing, footwear, foundation garments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



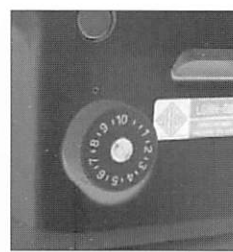
LSWN-48BL & 46BLR

Features

- Totally renewed external appearance./adoption of advanced and massive arm design (realizing lower noise less vibration).
- Uniform stitching of long runs by compound and walking foot mechanism, without cloth puller.
- Adoption of feed-adjusting dial which eases determination process of stitch length.
- Advanced penetration required for sewing of thick material/adoption of large pulley(O.D. 150mm) which enables the needle bar to be positioned properly.
- Elongated work space/adoption of built-in bobbin winder which no longer require mounting process.
- Adoption of die-casting oil pan of which by-knee-lifter is built-in, aiming at efficient installment
- Standard equipment of long stitch (max.10mm) suitable for thick material and amount of alternative presser lift (max. 6mm) MODEL LSWN-48BL ONLY
- Large vertical axis hook (Automatic hook lubrication).
- Safety clutch prevents the hook from being damaged.



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



Feed-adjusting dial

Specifications (LSWN-48BL & 46BLR)

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

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



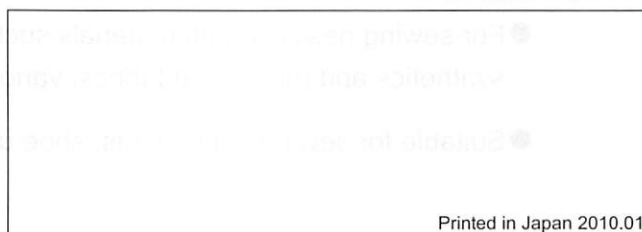
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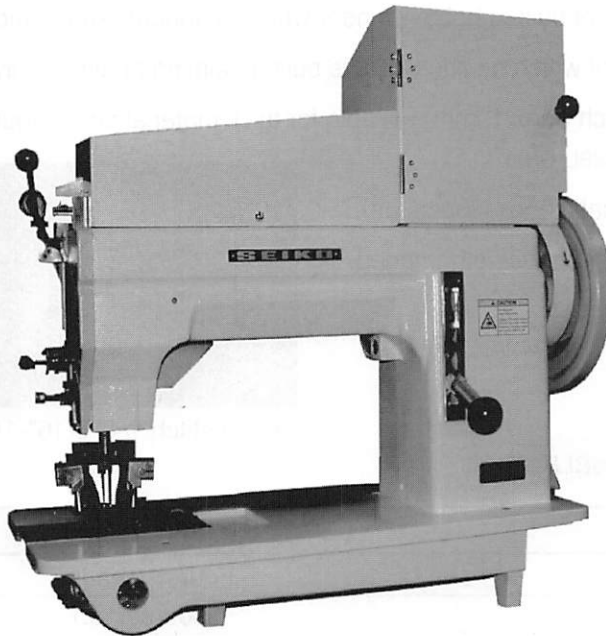


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THM-26B-FL

Two needle, Extra heavy duty, Multi different ornamental stitching, Large shuttle hook, Semi-Long arm, Flat bed, Lockstitch machines



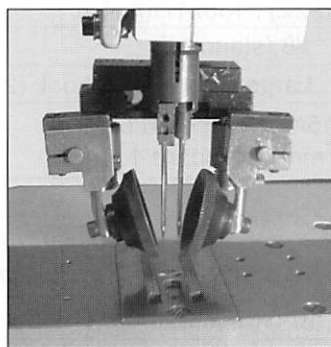
THM-26B-FL

Variety

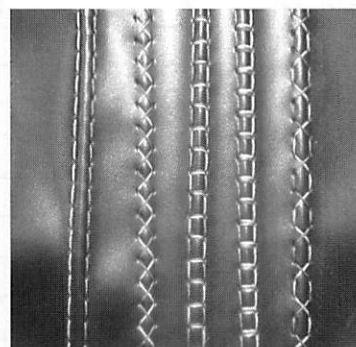


THM-26B-FL

Drop feed, roller foot, reverse stitch



Needle & Roller Presser



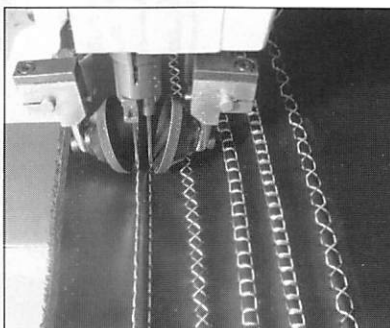
5 Stitches

Applications

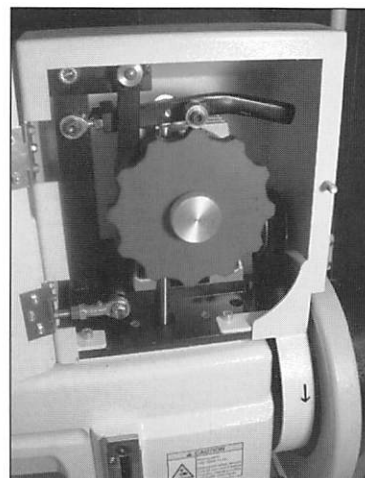
- For sewing heavy weight materials such as canvas, vinyl, leather, synthetics, synthetics and rubberized fabrics, various coated, laminated fabrics, etc.
- Suitable for sewing sofas, tents, shoe uppers, suitcases, bags, jeans, sunshade, etc.

Features

- Produce five(5) different ornamental stitches.
- Suitable for heavy materials.
- Automatic presser foot lift.
- Semi-Long arm (working space 320 mm).
- Cord insert available.
- Reverse stitch.
- Easy to change the cam.
- Available to adjust the height of roller presser foot at 4.0mm MAX.



SEWING CONDITION



CAM SECTION

Specifications

Variety	THM-26B-FL
Number of needle	Two needle
Max. sewing speed	550 (s.p.m.)
Max. stitch length	5/16" (8 mm)
Clearance under presser foot	25/64" (9 mm)
Needle bar stroke	2-13/64" (50 mm)
Needle(standard)	DDx1 (#24)
Thread	#2 to #00 (standard #2)
Needle Gauge	6.0mm (standard)
Hook	Large oscillating shuttle hook
Presser foot lifting	Pnewmatic 10mm
Thread take up lever	Cam type
Lubrication	Hand type
Bed size	572 x 253 mm
Working space	320 x 182 mm
Motor	Ac Servo Motor
Net weight(Head only)	73Kg

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



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SAM-21

Extra heavy duty, Programmable electric pattern sewing machine.
(Auto. thread trimming model is available)

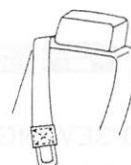
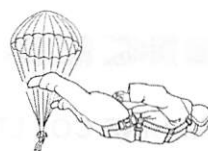


SAM-21

**SEIKO is the only machine of its kind in the world,
the machine can be used to stitch many heavy duty materials.**

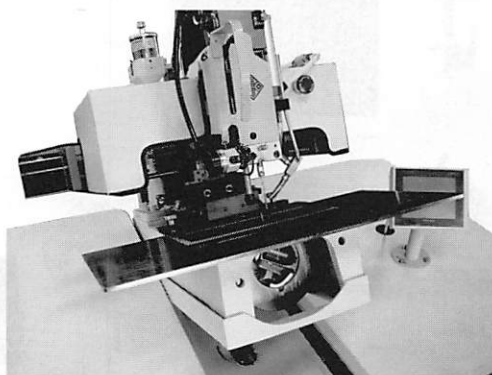
Applications

- For sewing extra heavy weight materials.
- Suitable for sewing products such as cargo slings, safety harnesses particularly for automotive and aviation industries, pipe slings, heavy lifting equipment, industrial work boot applications, balloons, parachutes, heavy duty equestrian harnesses and construction barriers.



Features

- User programmable from pad or notebook PC.
- Standard memory on machine per patterns 150/floppy disk up to 8,000 stitches
- Sewing pattern storage is in control box and or floppy disk.
- Heavy duty X-Y movement.
- Stitch length is 0.1mm to 12.7mm.
- Pneumatic BAS clamping
- Powerful adjustable clamp.(webbing up to 3" wide)
- Large barrel shuttle & bobbin. (31.7mm dia. × 44.1mmL)
- Thread trimmer cuts the thread and holds them during start of next sewing cycle.



Auto pneumatic lift



Control box and floppy disk

Specifications

Variety	SAM-21
Number of needle	Single needle
Max. speed	600 s.p.m.
Max. stitch length	1/2" (12.7 mm)
Needle bar stroke	2-19/32" (66 mm)
Needle(standard)	Schmetz 1000H (#250)
Thread	#0 (standard) ~ #00
Hook	Large shuttle hook
Work holder lift	1-1/4" (32mm)
Scale up/down function	10-200% for each X-Y axis (0.1 increment/step)
Thread trimmer(option)	Heat cutting system
Thread take up lever	Cam type
Lubrication	Hand type
Sewing area	(X)250mm × (Y)150mm (Large area and special clamps available by special order)
Motor	Limi Servo motor (550W)
Voltage	220/240V single phase
Weight	300Kg

NOTE

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



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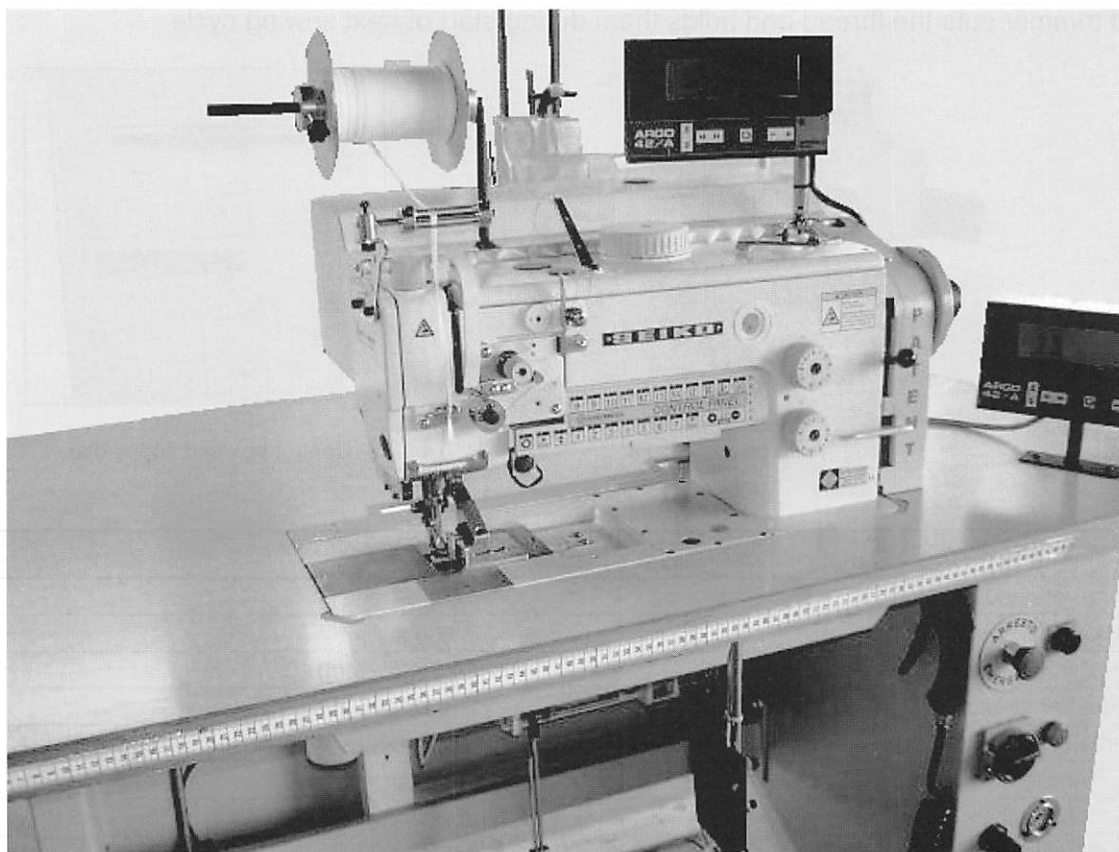
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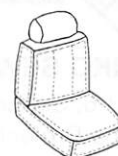
SAM-31

High speed, Compound feed and walking foot, Lockstitch sewing machine with automatic thread trimmer, Automatic backtack, Automatic presser foot lift, Gathering machine



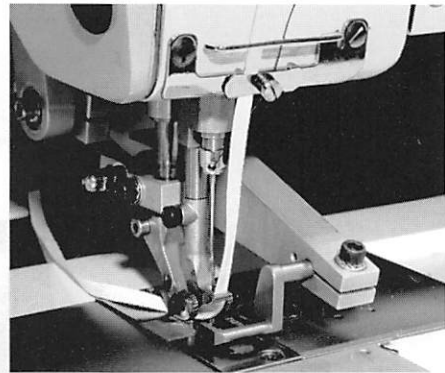
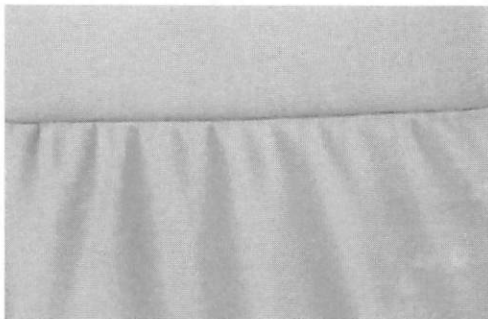
Applications

- For sewing soft and thick materials such as leather, vinyl, synthetics and laminated and coated materials
- Suitable for sewing such as automobile upholstery, covers and furniture.



Features

- Gathering
 - * Available 14 kinds of gathering amount
 - * User programmable from gathering device
- Long stitch length(Max. 9mm)
- Large vertical axis hook
- Reliable thread trimming device
- Built-in bobbin winder
- Wide working space(300mm x 120mm)
- Large clearance under presser foot(16mm)
- Gathering on the upper only or both of upper & lower ply.
- Equip 2 self adjusting valves according to the thickness of materials.
- Can use 3-5 mm width of insert tape.
- Available to arrange the automatic tape cutter by optional.



Specifications

Variety	SAM-31
Number of gathering	14 different gathering values
Number of needle	Single needle
Max. speed	3,000 s.p.m.
Max. stitch length	9mm
Clearance under presser foot	9mm (by hand) / 16mm (by automatic foot lifter)
Needle bar stroke	37mm
Needle	DP x 17 #18~25 (#23)
Thread	#30~1 (standard #5)
Hook	Large vertical axis hook
Thread length after trimming	Approx. 1"
Thread take up lever	Slide type
Amount of walking foot movement	1~7mm
Walking foot movement change	Dial type
Auto presser foot lifting device	Pneumatic
Safety device	Standard
Lubrication	Automatic lubrication type
Working Space	300mm x 120mm

NOTE

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



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STH-8BLD-3

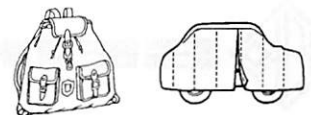
Single needle, Large horizontal axis hook, Compound feed and walking foot, Lockstitch machine



STH-8BLD-3

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

① Perfect prevention of presser foot's play

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.

② Improved the efficiency of sewing work

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.

③ Beautiful forward & reverse stitch

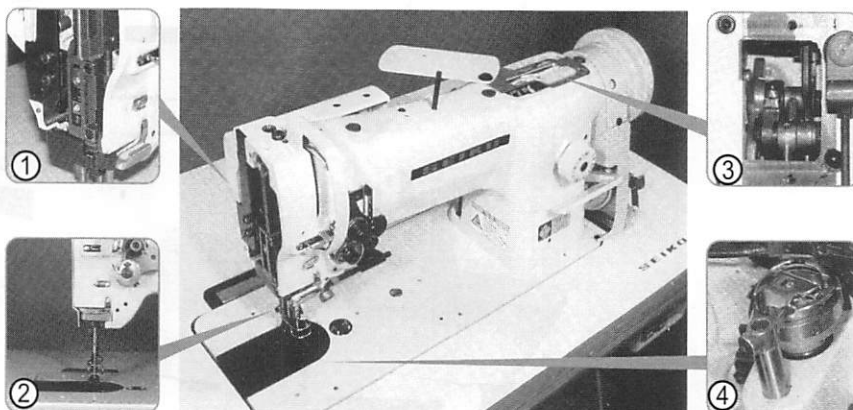
More beautiful stitch is realized by the same stitch length adjustment of forward & reverse feed.

④ Special hook(2 times) & bobbin case opener ideal for heavy weight materials

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) or, 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		Hand type
Bed size		18-25/32"x 7" (477 x 177 mm)
Working space		10-5/32"x 4-21/64" (258 x 110 mm)
Motor		Clutch motor
Net weight(Head only)		29Kg

NOTE

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



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LSW single needle series (plain)

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



LSW-8BL

Variety

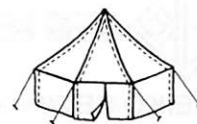


LSW-8BL

Compound feed and walking foot, reverse stitch, large vertical hook.

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 and orthopedic appliances.



LSW single needle series (plain)

Features

- Semi-Automatic lubrication system.
- Large vertical axis hook (2.0 times).
- Automatic hook lubrication.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching.
- Special cloth guide (AT5676) available.
- Available in "THICK THREAD VERSION"(for heavier material). Add suffix "TA" when ordering.
- Synchronized cloth puller available(LLW series).
- 18 inch long arm version available

Specifications (LSW-□)

Variety	8BL
Number of needle	Single needle
Max. sewing speed	2,800(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	1-5/16" (33.2 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 type
Bed size	18-25/32"x 7" (477 x 177 mm)
Working space	10-5/32"x 4-21/64" (258 x 110 mm)
Motor	Clutch motor
Net weight(Head only)	30Kg

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

● Available model version

- ※ LSW-8BLM Single needle, compound feed and alternating pressers, edge trimming (right)
- ※ LSW-8BLVMF Single needle, compound feed and alternating pressers, edge trimming (center)
- ※ LSW-8LVMF Single needle, compound feed and alternating pressers, edge trimming (center), without reverse stitch



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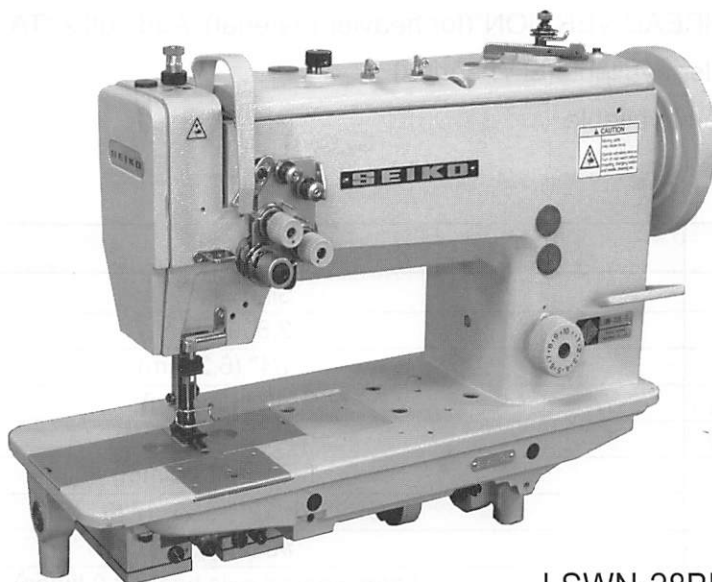
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LSWN series

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



LSWN-28BL-3

Variety



LSWN-8BL-3

Single needle, compound feed and walking foot, reverse stitch



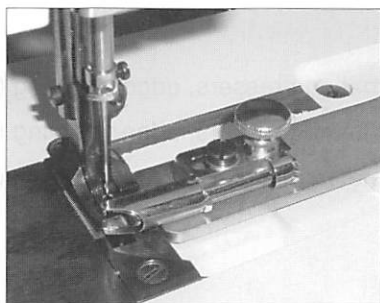
LSWN-8BLV-3

Single needle, compound feed and walking foot, reverse stitch, synchronized binder



LSWN-28BL-3

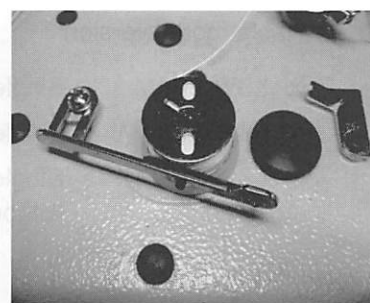
Two needle, compound feed and walking foot, reverse stitch



LSWN-8BLV-3



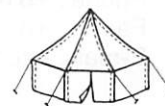
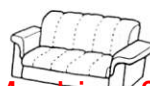
Pressure force can be adjusted simply and certainly with thumb screw at top.



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

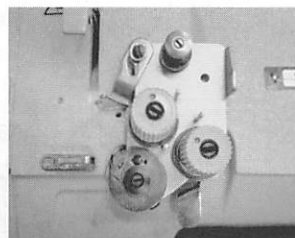
Applications

- 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.

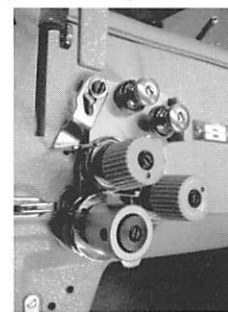


Features

- Totally renewed external appearance./adoption of advanced and massive arm design (realizing lower noise/less vibration).
- 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.
- 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-28BL-3 ONLY.)
- Large vertical axis hook (Automatic hook lubrication).
- Safety clutch prevents the hook from being damaged.
- Available in "THICK THREAD VERSION"(for heavier material). Add suffix "TA" when ordering.



Single needle



Two needle

Specifications (LSWN-□)

Variety		8BL-3	8BLV-3	28BL-3
Number of needle		Single needle		Two needle
Max. sewing speed		2,800(s.p.m.)	2,500(s.p.m.)	2,600(s.p.m.)
Max. stitch length		25/64" (10 mm)	1/4" (6.2 mm)	25/64" (10 mm)
Clearance under presser foot	by knee	5/8" (16 mm)	15/32" (12 mm)	33/64" (13 mm)
	by hand	21/64" (8.5 mm)	21/64" (8.5 mm)	21/64" (8.5 mm)
Needle bar stroke		1-5/16" (33.2 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 type		
Bed size		20-25/64"x 7" (518 x 177 mm)		
Working space		10-5/32"x 4-21/64" (258 x 110 mm)		
Motor		Clutch motor		
Net weight(Head only)		42.5Kg	44.5Kg	45Kg

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
28BL-3	1/4"(6.4 mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm), 3/4"(19mm), standard : 1/4"(6.4 mm)

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



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From the library of: Superior Sewing Machine & Supply LLC

LSW single needle series (special purpose)

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



LSW-8LVMF

Variety



LSW-8LVMF

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



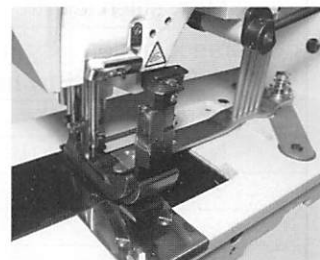
LSW-8BLVMF

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

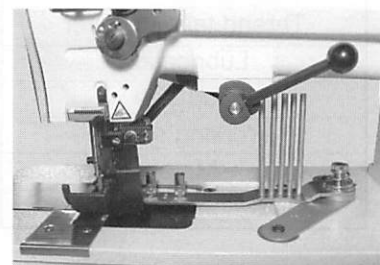


LSW-8BLM

Vertical edge trimming(right), reverse stitch



LSW-8LVMF



(*)Available various special binder at extra charge

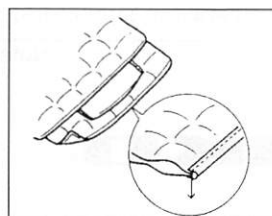
Applications

- 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.

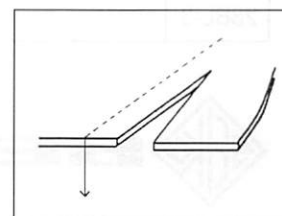
* 8LVMF Bedding, cover, carpet.

* 8BLVMF Bedding, cover, carpet.

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



LSW-8BLVMF



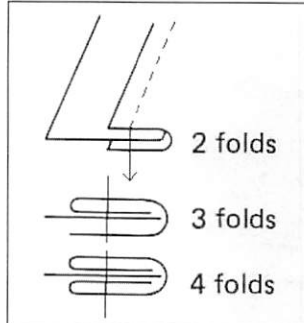
LSW-8BLM

LSW single needle series (special purpose)

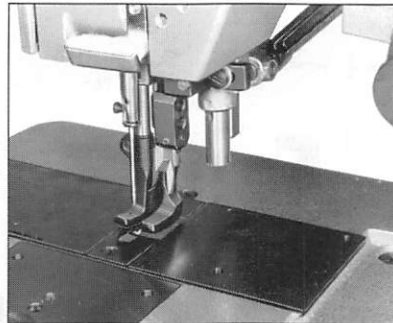
Features

- 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.
- Reverse stitching.

Special binder can be supplied upon your request.

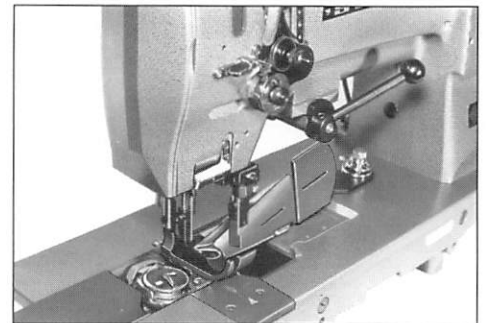


Sewing and Trimming can be performed by one operation



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

Trimming(front). 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.

Specifications (LSW-□)

Variety		8LVMF	8BLVMF	8BLM
Number of needle		Single needle		
Max. sewing speed		2,500(s.p.m.)		
Max. stitch length		11/32" (9 mm)	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 type		
Bed size		20-25/64"x 7" (518 x 177 mm)		
Working space		10-5/32"x 3-35/64" (258 x 90 mm)		
Motor		Clutch motor		
Net weight(Head only)		34Kg		

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



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LSW two needle series (special purpose)

High speed, Large vertical axis hook, Compound feed and walking foot, Lockstitch machine



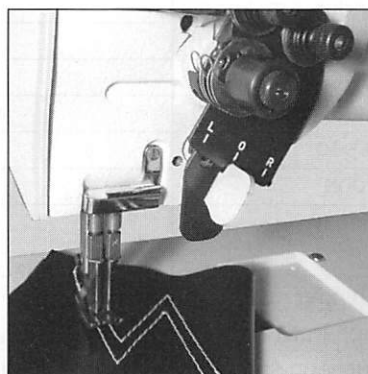
LSW-28BLK

Variety



LSW-28BLK

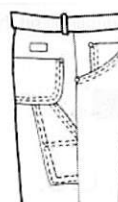
Compound feed and walking foot, reverse stitch and split needle bar



LSW-28BLK

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 (special purpose)

Features

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

Specifications (LSW-□)

Variety	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	
Bed size	20-25/64"x 7" (518 x 177 mm)	
Working space	10-5/32"x 4-21/64" (258 x 110 mm)	
Motor	Clutch motor	
Net weight(Head only)	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
28BLK	3/16"(4.8 mm), 1/4"(6.4 mm), 5/16"(7.9mm), 3/8"(9.5mm) standard : 1/4"(6.4 mm)

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



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BBW series

High speed, Single needle, Compound feed and walking foot, Lockstitch sewing machine with automatic thread trimmer, Automatic backtacking, Automatic presser foot lift, Climbing device and dual stitching device



BBW-8BLC-BTFL-CD-DS

Variety



BBW-8BL

Compound feed and walking foot, reverse stitch



BBW-8BLC

Compound feed and walking foot, reverse stitch, thread trimmer



BBW-8BLC-BTFL-CD-DS

Compound feed and walking foot, reverse stitch, thread trimmer, 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.

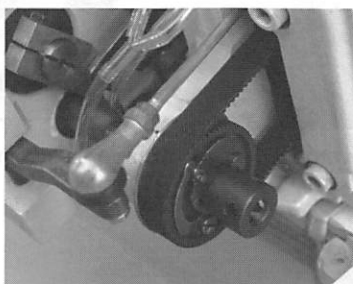


Features

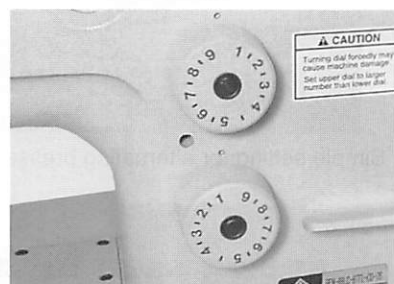
- Longer stitch length quiet sewing operation
 - * Max. 9mm for both forward and reverse feed stitching.
 - * Compound feed and walking foot for positive stitching formation.
 - * Link-type thread take-up lever mechanism for high speed and quiet sewing operation.
- BBW series are equipped with a large vertical axis hook(1.6 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.
- Reliable thread trimming device
 - * Reliable automatic thread trimming device securely cuts up to #5 thread is equipped. (BBW-8BLC only)
- 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. (BBW-8BLC only)



1.6 times large capacity hook and reliable thread trimming device

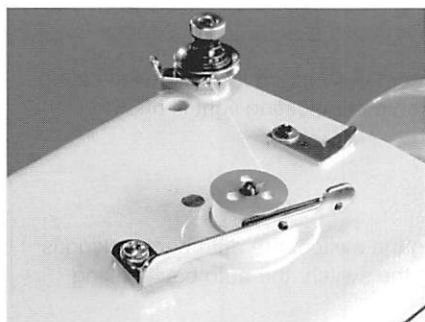


Safety device

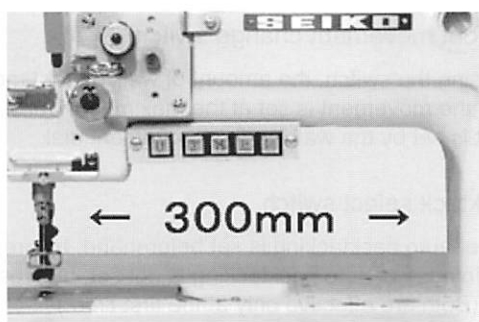


One touch switchover for two different stitch lengths (DS Device)

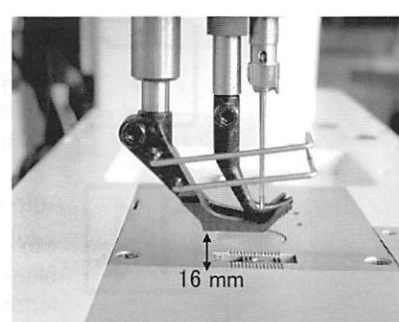
- Built-in bobbin winder
 - * Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Wide working space
 - * 300 mm working space, from the needle to the sewing machine arm, makes sewing works easy to handle heavy weight and even large materials.
- Large clearance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

- Presser bar lifter
 - * As the presser bar lifter is located on the right side of the sewing machine, just above the reverse lever, sufficient space is kept behind the presser foot. Due to this, smooth sewing operation even rolled-up materials is guaranteed.



Presser bar lifter

- 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.

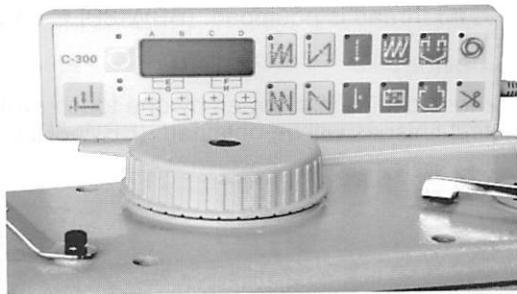
* Once the alternating movements have been set, the sewing speed is automatically controlled to the optimum speed so that stable sewing is maintained. (-8BLC-BTFL-CD-DS only)

- Smooth stitching on step section (CD device)

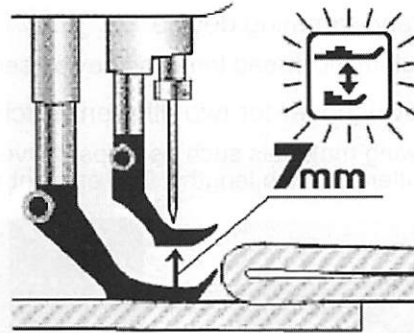
* The presser foot movement can be changed to maximum momentum (7mm) by button. Uneven thickness of materials can be smoothly performed changing the movement right before the uneven point. (-8BLC-BTFL-CD-DS only)

- 5 operational switches improve working efficiency

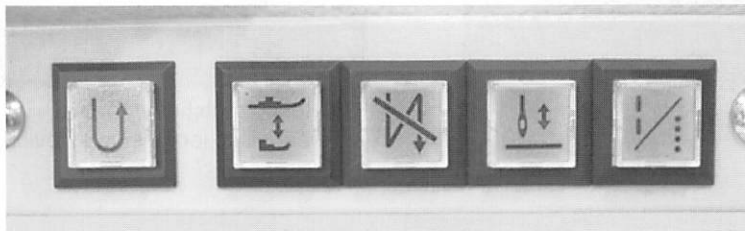
* 5 switch buttons are panelled on the convenient positions improve the efficient works. (-8BLC-BTFL-CD-DS only)



Simple setting for alternating presser foot movement



Smooth stitching on step section (CD device)



5 operational switches



Quick reverse switch

* During Pressing the switch, sewing machine performs reverse stitching.



Walking foot movement change switch

* By pressing the switch, the amount of walking foot movement is changed. When the indicating light is on, the movement is set at the maximum (7mm). When the indicating light is off, the movement is set by the walking foot movement dial.



Auto backtack select switch

* In case of auto backtacking is set beforehand, by pressing the switch, the auto backtacking is released. In case of auto backtacking is not set, by pressing the switch, the auto backtacking performs. (Both are effective only at the first time.)



Half stitch switch

* When sewing machine stops, the needle position can be changed by pressing the switch at up position or down position as desired.



Stitch length change switch

* By pressing the switch two different stitch lengths set beforehand can be changed one to the other. When the indicating light is on, the shorter stitch length is available, while the longer stitch is available when the light is off.

Specifications (BBW-□)

Variety	BBW-8BL	BBW-8BLC	BBW-8BLC-BTFL-CD-DS
Number of needle	Single needle		
Max. sewing speed	3,500 s.p.m. (Refer to list below)		
Max.stitch length	9mm (Forward / Reverse)		
Clearance under presser foot	9mm (by hand) 16mm (by knee)	9mm (by hand) 16mm (by automatic foot lifter)	
Needle bar stroke	34mm		
Needle	135 × 17 Nm110~Nm200 (Nm160) or DP × 17 #18~#25 (#23)		
Thread	#30~#5 (Standard #8)		
Hook	Large vertical axis hook (1.6 times)		
Thread length after trimming	-	27mm	
Thread take up lever	Link type		
Amount of walking foot movement	1~6.5mm	1~7mm	
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	
Walking foot movement change device	-	Pneumatic	
Safety device	Standard		
Lubrication	Automatic lubrication type		
Bed size/Working space	567mm × 177mm / 300mm × 120mm		
Net weight (Head only)	48.5Kg	50Kg	51Kg
Motor	Clutch motor	AC Servo motor	

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

Sewing speed range (BBW-8BLC-BTFL-CD-DS)

Amount of walking foot movement	Stitch length	
	6mm and less	6mm~9mm
1 mm~2 mm	3500 s.p.m.	2000 s.p.m.
3 mm	3000 s.p.m.	
4 mm	2500 s.p.m.	
5 mm ~ 7 mm	2000 s.p.m.	

BBW-□

	8BLC	8BLC-BTFL-CD-DS
Thread trimming (C)	○	○
Quick reverse feed (BT)	—	○
Auto presser foot lifting (FL)	—	○
Walking foot movement changeover (CD)	—	○
Stitch length change (DS)	—	○



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BEW single needle series

High speed, Compound feed and walking foot, Lockstitch sewing machine with automatic thread trimmer, Automatic backtack, Automatic presser foot lift, Climbing device and dual stitching device



Variety



BEW-8BLE

Compound feed and walking foot, reverse stitch



BEW-8BLCE

Compound feed and walking foot, reverse stitch, thread trimmer



BEW-8BLCE-BTFL-CD-DS

Compound feed and walking foot, reverse stitch, thread trimmer, automatic back tack, automatic presser foot lift, climbing device, dual stitching device

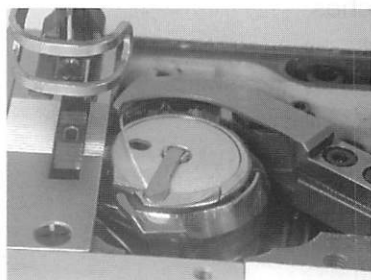
Applications

- 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.

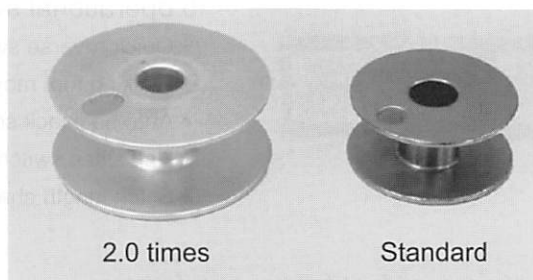


Features

- Longer stitch length quiet sewing operation
 - * Max. 9mm for both forward and reverse feed stitching.
 - * Compound feed and walking foot for positive stitching formation.
- BEW 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.
- Reliable thread trimming device
 - * Reliable automatic thread trimming device securely cuts up to #1 thread is equipped. (-8BLCE only)
- 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. (-DS type)



2.0 times large capacity hook,
reliable thread trimming device

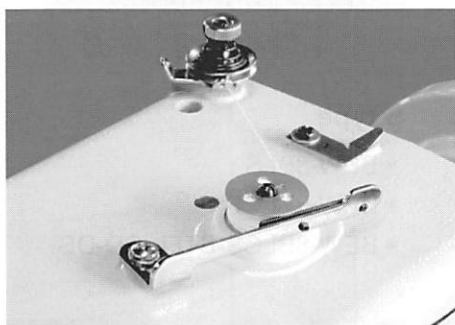


Comparison of the bobbin size

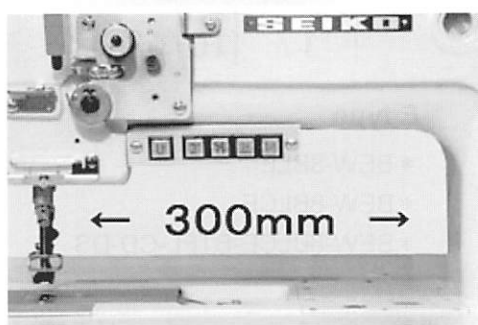


One touch switchover for two
different stitch lengths (DS Device)

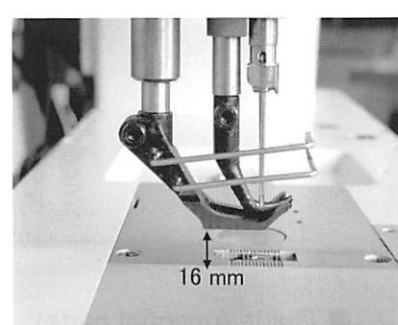
- Built-in bobbin winder
 - * Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Wide working space
 - * 300 mm working space, from the needle to the sewing machine arm, makes sewing works easy to handle heavy weight and even large materials.
- Large clearance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



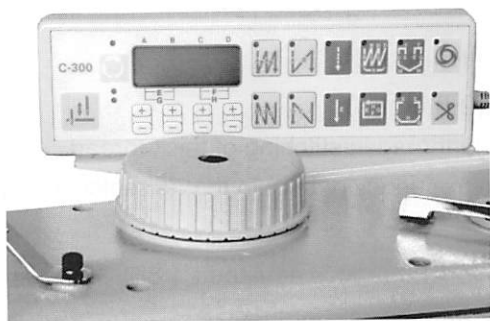
The clearance under
the presser foot (16mm)

- Simple setting for walking foot movement
 - * Walking 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 walking movements have been set, the sewing speed is automatically controlled to the optimum speed so that stable sewing is maintained. (-8BLCE-BTFL-CD-DS only)
- 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. (-8BLCE-BTFL-CD-DS only)

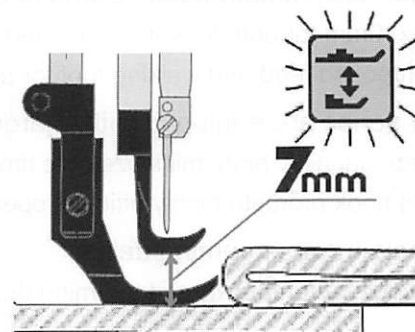
BEW single needle series

● 5 operational switches improve working efficiency

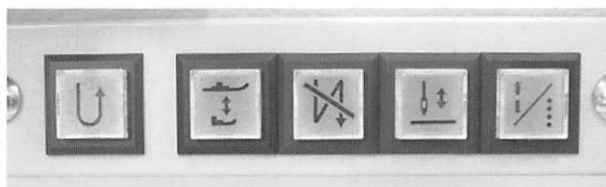
* 5 switch buttons panelled on the convenient positions improve the efficient works. (-8BLCE-BTFL-CD-DS only)



Simple setting for walking foot movement



Smooth stitching on step section (CD device)

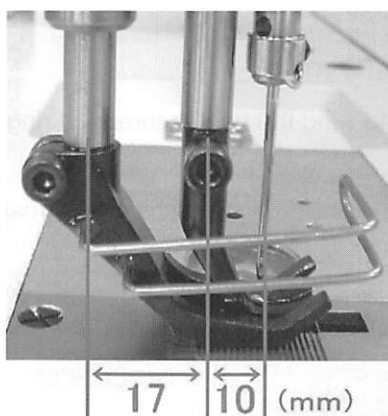


5 operational switches

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

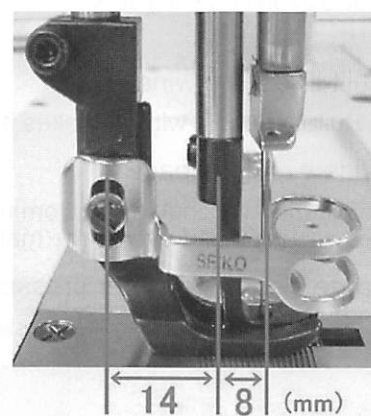
● Selectable two different type of presser foot for your preference.

(※Standard : E type)



E type

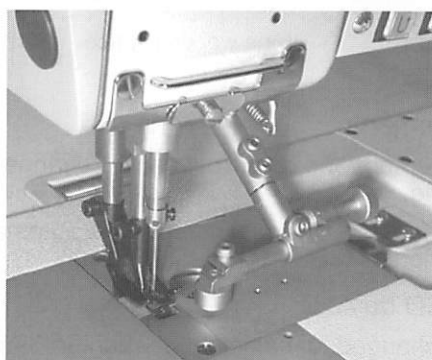
- * BEW-8BLE
- * BEW-8BLCE
- * BEW-8BLCE-BTFL-CD-DS



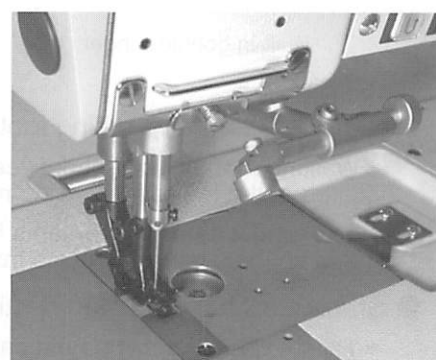
S type

- * BEW-8BLS
- * BEW-8BLCS
- * BEW-8BLCS-BTFL-CD-DS

● Guide (optional parts)



On duty



Off duty

BEW single needle series

Specifications (BEW-□)

Variety	BEW-8BLE	BEW-8BLCE	BEW-8BLCE-BTFL-CD-DS
Number of needle	Single needle		
Max. sewing speed	2,500s.p.m. (Refer to list below)		
Max. stitch length	9mm (Forward / Reverse)		
Clearance under presser foot	9mm (by hand) 16mm (by knee)	9mm (by hand) 16mm (by automatic foot lifter)	
Needle bar stroke	37mm		
Needle	135 × 17 Nm110~Nm200 (Nm160) or DP × 17 #18~#25 (#23)		
Thread	#30~#1 (Standard #5)		
Hook	Large vertical axis hook (2.0 times)		
Thread length after trimming	-	Approx. 1/2"	
Thread take up lever	Slide type		
Amount of walking foot movement	1~6.5mm	1~7mm	
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	
Walking foot movement change device	-	Pneumatic	
Safety device	Standard		
Lubrication	Automatic lubrication type		
Bed size/Working space	567mm × 177mm / 300mm × 120mm		
Net weight (Head only)	49Kg	50Kg	51Kg
Motor	Clutch motor	AC Servo motor (0.75kw)	

NOTE : (1)Thick thread application is available by order.
(2)Speed depends on threads, materials and type of operation.
(3)Specifications subject to change without notice

Sewing speed range (BEW-8BLCE-BTFL-CD-DS)

Amount of walking foot movement	Stitch length	
	6mm and less	6mm~9mm
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.	

BEW-□

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

● Various optional parts such as right side foot, left side foot and other special purposes are available at extra charge.



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BEW two needle series

High speed, Compound feed and walking foot, Lockstitch sewing machine with automatic thread trimmer, Automatic backtack, Automatic presser foot lift, Climbing device and dual stitching device



Variety



BEW-28BLE

Compound feed and walking foot, reverse stitch



BEW-28BLCE

Compound feed and walking foot, reverse stitch, thread trimmer



BEW-28BLCE-BTFL-CD-DS

Compound feed and walking foot, reverse stitch, thread trimmer, automatic back tack, automatic presser foot lift, climbing device, dual stitching device

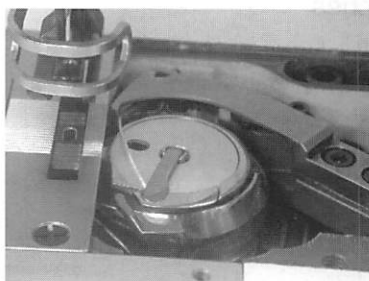
Applications

- 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.

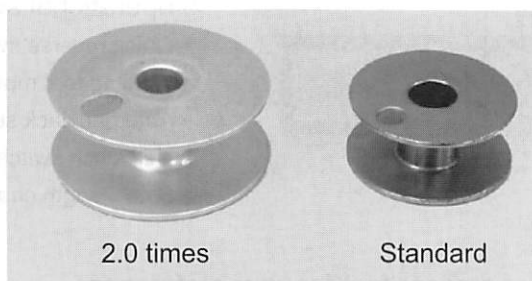


Features

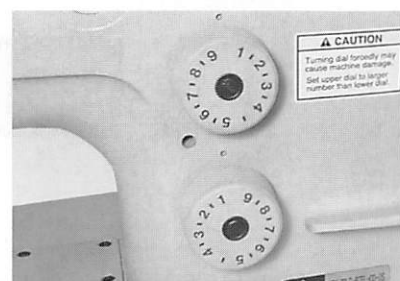
- Longer stitch length quiet sewing operation
 - * Max. 9mm for both forward and reverse feed stitching.
 - * Compound feed and walking foot for positive stitching formation.
- BEW series are equipped with a large vertical axis hook (2.0 times)
 - * Large capacity hook minimizes the time to replace the bobbin thread in stitching of thick thread.
 - * This hook promote highly efficient operation by reducing the frequency of bobbin thread replacement.
- Reliable thread trimming device
 - * Reliable automatic thread trimming device securely cuts up to #1 thread is equipped. (-8BLCE only)
- 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. (-DS type)



2.0 times large capacity hook,
reliable thread trimming device

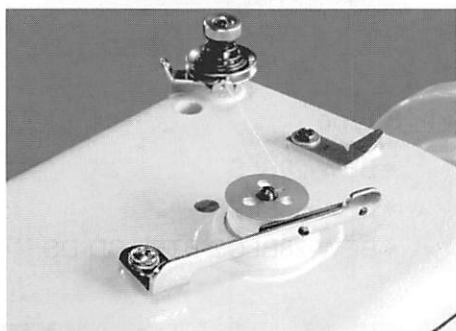


Comparison of the bobbin size

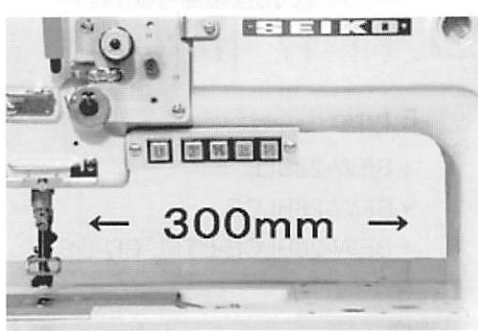


One touch switchover for two
different stitch lengths (DS Device)

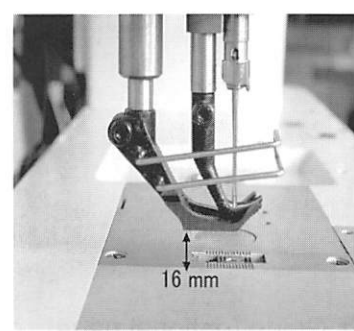
- Built-in bobbin winder
 - * Built-in bobbin winder makes it possible to wind the bobbin thread during sewing operation.
- Wide working space
 - * 300 mm working space, from the needle to the sewing machine arm, makes sewing works easy to handle heavy weight and even large materials.
- Large clearance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



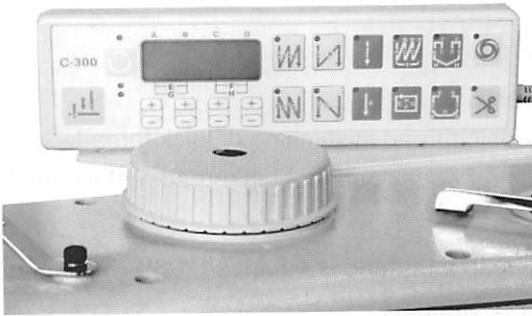
The clearance under
the presser foot (16mm)

- Simple setting for walking foot movement
 - * Walking 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 walking movements have been set, the sewing speed is automatically controlled to the optimum speed so that stable sewing is maintained. (-8BLCE-BTFL-CD-DS only)
- 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. (-8BLCE-BTFL-CD-DS only)

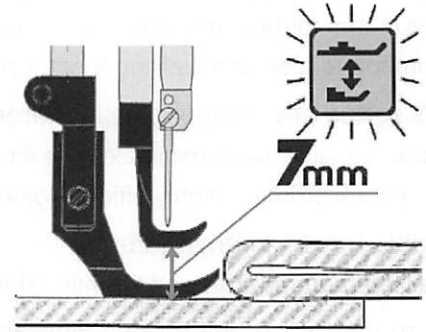
BEW two needle series

● 5 operational switches improve working efficiency

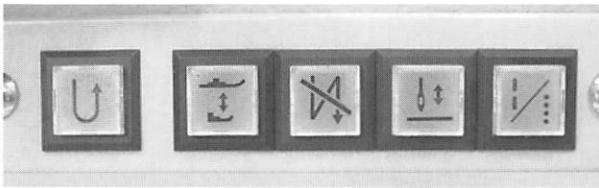
* 5 switch buttons are panelled on the convenient positions improve the efficient works. (-28BLCE-BTFL-CD-DS only)



Simple setting for walking foot movement



Smooth stitching on step section (CD device)

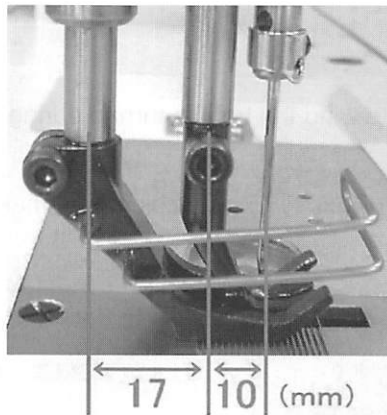


5 operational switches

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

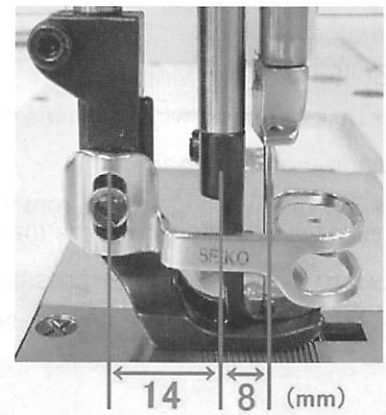
● Selectable two different type of presser foot for your preference.

(※Standard : E type)



E type

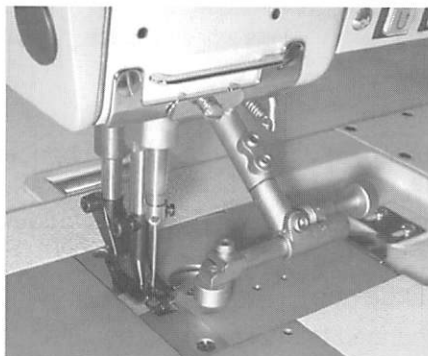
- * BEW-28BLE
- * BEW-28BLCE
- * BEW-28BLCE-BTFL-CD-DS



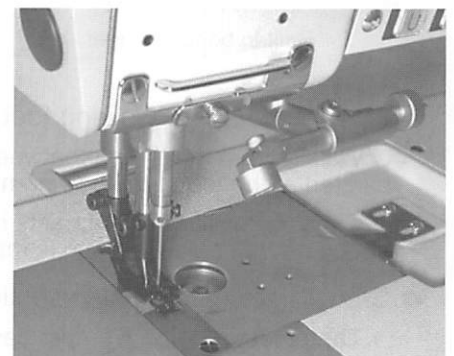
S type

- * BEW-28BLS
- * BEW-28BLCS
- * BEW-28BLCS-BTFL-CD-DS

● Guide (optional parts)



On duty



Off duty

BEW two needle series

Specifications (BEW-□□)

Variety	BEW-28BLE	BEW-28BLCE	BEW-28BLCE-BTFL-CD-DS
Number of needle	Two needle		
Max. sewing speed	2,500s.p.m. (Refer to list below)		
Max. stitch length	9mm (Forward / Reverse)		
Clearance under presser foot	9mm (by hand) 16mm (by knee)	9mm (by hand) 16mm (by automatic foot lifter)	
Needle bar stroke	37mm		
Needle	135 × 17 Nm110~Nm200 (Nm160) or DP × 17 #18~#25 (#23)		
Thread	#30~#1 (Standard #5)		
Hook	Large vertical axis hook (2.0 times)		
Thread length after trimming	-	Approx. 1/2"	
Thread take up lever	Slide type		
Amount of walking foot movement	1~6.5mm	1~7mm	
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	
Walking foot movement change device	-	Pneumatic	
Safety device	Standard		
Lubrication	Automatic lubrication type		
Bed size/Working space	567mm × 177mm / 300mm × 120mm		
Net weight (Head only)	51.5Kg	53Kg	54Kg
Motor	Clutch motor	AC Servo motor (0.75kw)	

NOTE : (1)Thick thread application is available by order.
(2)Speed depends on threads, materials and type of operation.
(3)Specifications subject to change without notice

Sewing speed range (BEW-28BLCE-BTFL-CD-DS)

Amount of walking foot movement	Stitch length	
	6mm and less	6mm~9mm
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.	

BEW-□□

	28BLCE	28BLCE-BTFL-CD-DS
Thread trimming (C)	○	○
Quick reverse feed (BT)	—	○
Auto presser foot lifting (FL)	—	○
Walking foot movement changeover (CD)	—	○
Stitch length change (DS)	—	○

Gauge size

E type	S type
6mm	1/4"
8mm	5/16"
10mm	3/8"
12mm	1/2"

Note:(1) Other needle gauges on E type are available within 3 to 16mm at extra cost.
(2) Other needle gauges on S type are available within 1/8" to 5/8" at extra cost.



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WB-8GW-1

Single needle, High speed, Wheel feed and driven roller presser, Vertical axis hook, Lockstitch machines



WB-8GW-1

Variety

WB-8GW-1

SEIKO WB Series are high speed, flat bed, lockstitch machines which are reputed for easy-to-operate and excellent durability and its wheel feed provides a powerful feed for the materials which are hard to feed and climbing stitches over thick section, and ensures constant stitch length and smooth materials feeding. Consequently, this series makes it possible to increase the productivities and the qualities as well as widening varieties of the products design.

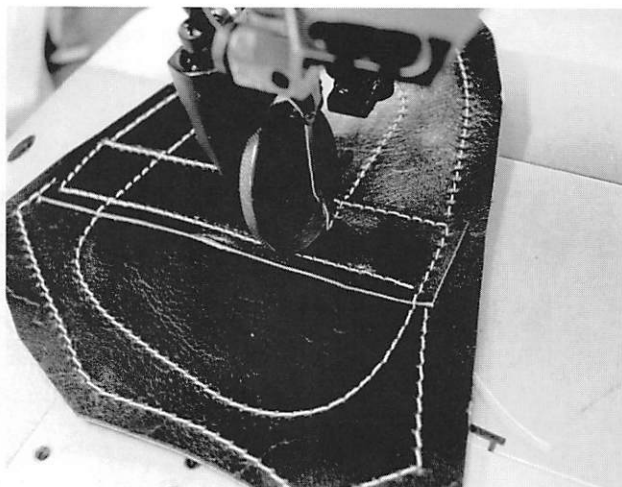
Applications

- For sewing slippery materials, leather, vinyl and polyethylene plastics, oil cloth, just any material difficult to feed, coated and laminated fabrics.
- Suitable for sewing hollow, tubular and curved articles, etc.



Features

- Anti-friction ball and needle roller bearings for easy maintenance.
- Simplified semi-automatic lubrication.
- Safety clutch prevents the hook from being damaged.
- Adoption of feed-adjusting dial which eases determination process of stitch length.
- Vertical large axis rotating hook.
- Built-in bobbin winder.



Specifications

Variety		8GW-1
Number of needle		Single needle
Max. sewing speed		3,000spm
Max. stitch length		5.0 mm
Clearance under presser foot	by knee	9.0 mm
	by hand	7.0 mm
Needle bar stroke		38.0 mm
Needle(standard)		DP× 7 # 8 ~ #20(standard#16)
Thread		#20 (standard)
Hook		Vertical large axis hook
Thread take up lever		Link type
Lubrication		Semi-automatic lubrication
Roller size (standard)		35 mm dia.
Motor		Clutch motor
Net weight(Head only)		50Kg
Working Space		260mm×110mm
Bed Size		175mm × 518mm

NOTE

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



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SK series

Single needle, Extra heavy duty, Large horizontal axis hook, Lockstitch machines



SK-2B

Variety



SK-2B

Drop feed and walking foot, reverse stitch



SK-6

Drop feed



SK-6F

Drop feed with spring return presser foot



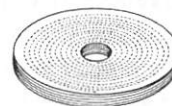
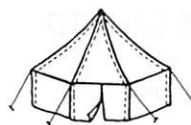
SK-6F

Display a great efficiency on the peculiar sewing

Suitable for sewing of the materials which are hard to feed like tar-coated or ultra thick products like buff.

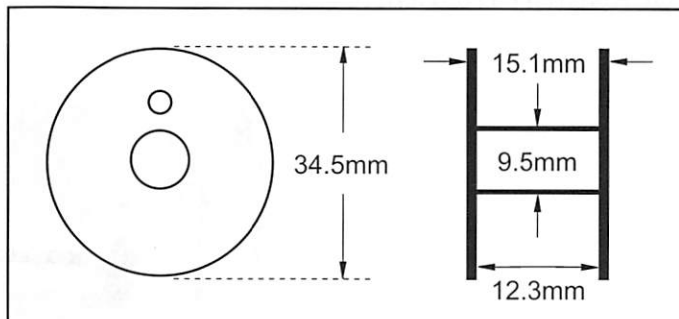
Applications

- 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 (SK-2B)
- Extra large needle
- 20 inch long arm version available (Add "20" when ordering)



Large bobbin

Specifications (SK-□)

Variety		2B	6	6F
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 knee	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 (#5 standard)		
Hook		Large horizontal axis hook		
Amount of lift of presser foot		1/8"~15/64" (3~6 mm)		
Thread take up lever		Link type		
Lubrication		Hand type		
Bed size		20-15/32" x 9-27/32" (520 x 250 mm)		
Working space		10"x 7-31/64" (253 x 190 mm)		
Motor		Clutch motor		
Net weight(Head only)		44Kg		

NOTE

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



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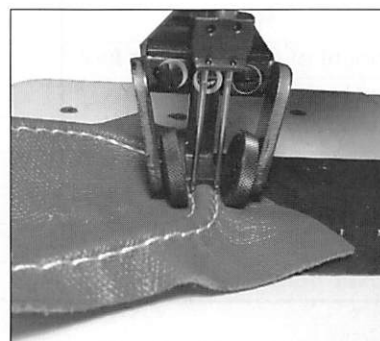
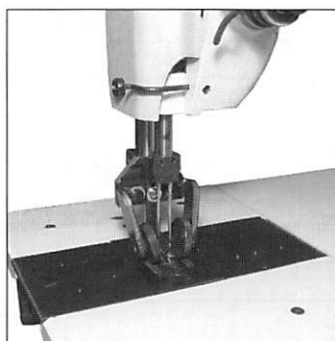
Heavy duty, Large horizontal axis hook, Drop feed, Moccasin stitch, Lockstitch machines



Two needle



Three needle



SKM-26

- For making decorative or ornamental stitching on medium to heavy weight materials such as leather and plastics.
- Suitable for sewing such products as shoes, moccasins boots, bags, and other leather products.



Features

- Large and transverse horizontal axis rotary hook.
- Standard presser foot is flat type.

Specifications (SKM-□)

Variety	26	36
Number of needle	Two needle	Three needle
Max. sewing speed	800(s.p.m.)	
Max. stitch length	5/16" (8 mm)	
Clearance under presser foot	by knee	7/16" (11 mm)
	by hand	25/64" (10 mm)
Needle bar stroke	1-31/32" (50 mm)	
Needle(standard)	DDx1 (#25) , 328 (#200)	
Thread	#2~#00	
Hook	Large horizontal axis hook	
Thread take up lever	Link type	
Lubrication	Hand type	
Bed size	20-33/64" x 9-59/64" (521 x 252 mm)	
Working space	10"x 7-43/64" (254 x 195 mm)	
Motor	Clutch motor	
Net weight(Head only)	44Kg	

NOTE

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

Needle gauge size

Variety	Available needle gauge size range
26	5.5 mm(7/32"), 7.5 mm(19/64") standard 7.5 mm(19/64")
36	standard 3.75-3.75 mm (9/64"-9/64")



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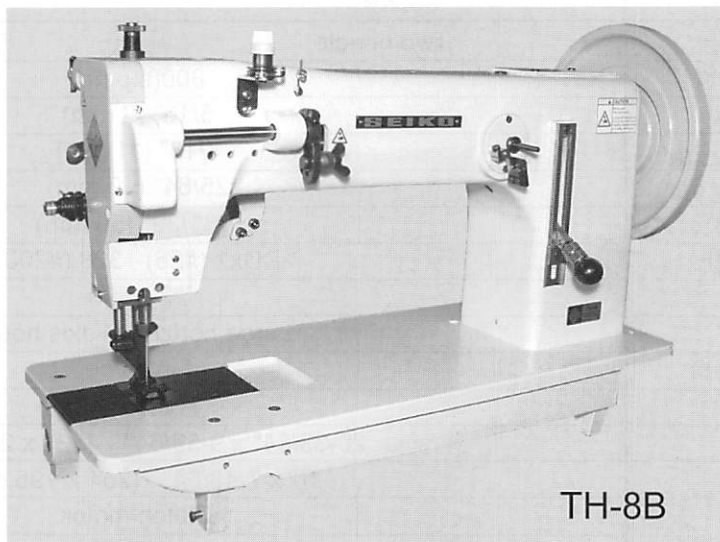
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TH series

Single needle, Extra heavy duty, Large oscillating shuttle hook, Long arm, Flat bed, Lockstitch machines



Variety



TH-6B

Drop feed, reverse stitch



TH-8B

Compound feed and walking foot, reverse stitch

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.



TH series

Features

- Large oscillating shuttle hook.
- Extra long arm. [working space 15-3/4"(400 mm)]
- Reverse stitching.
- Built-in bobbin winder.
- Extra high presser lift for sewing extra heavy materials.
- Cylinder bed version available. (CH series)
- Roller presser foot [1-29/64"(37 mm) dia.] available. (TH-6B only)

Specifications (TH-□)

Variety		6B	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 knee	25/32" (20 mm)	63/64" (25 mm)
	by hand	25/64" (10 mm)	25/64" (10 mm)
Needle bar stroke		2" (51 mm)	2-13/64" (56 mm)
Needle(standard)		DDx1 (#25) , 328 (#200)	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)	
Working space		15-3/4"x 7" (400 x 180 mm)	
Motor		Clutch motor	
Net weight(Head only)		75Kg	

NOTE

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



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SLH series

Single needle, Long arm, Extra heavy duty, Large oscillating shuttle hook, Drop feed and walking foot, Lockstitch machines



SLH-2B-FH-1-BTFL

Variety

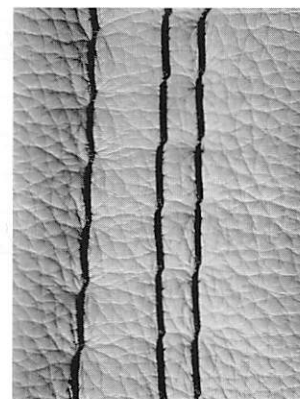
SLH-2B

Reverse stitch

SLH-2B-FH-1

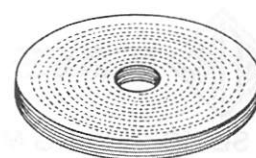
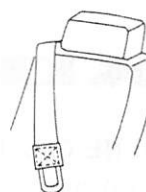
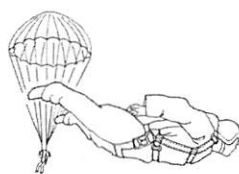
Reverse stitch, long needle bar stroke, high presser foot lift 32 mm

※36mm high presser foot lift also available on request



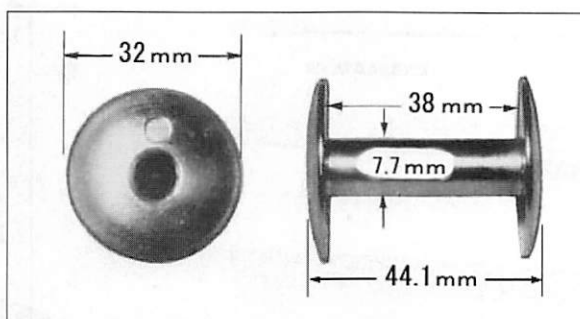
Applications

- 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.

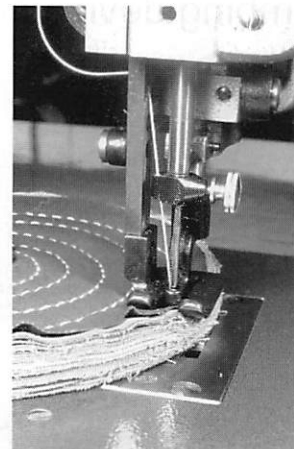


Features

- Large barrel shuttle
- Extra long arm (Working space 413 mm)
- Long stitch length (15 mm max.)
- Reverse stitching by stitch adjusting lever or foot pedal
- Cam take-up type makes perfect stitching
- Synchronized walking foot and drop feeding mechanism assures uniform stitching
- Extra high presser foot lift for sewing extra heavy materials
- Suitable for extra thick threads (#0 - #00)
- Automatic back tack (BT) and presser foot lift (FL) available



Large bobbin



SLH-2B

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" (28 mm)	1-17/64" (32 mm)
	by hand	29/32" (23 mm)	1-9/64" (29 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)	
Working space		16-1/4" x 8-37/64" (413 x 218 mm)	
Motor		Clutch motor	
Net weight(Head only)		105kg	

NOTE

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



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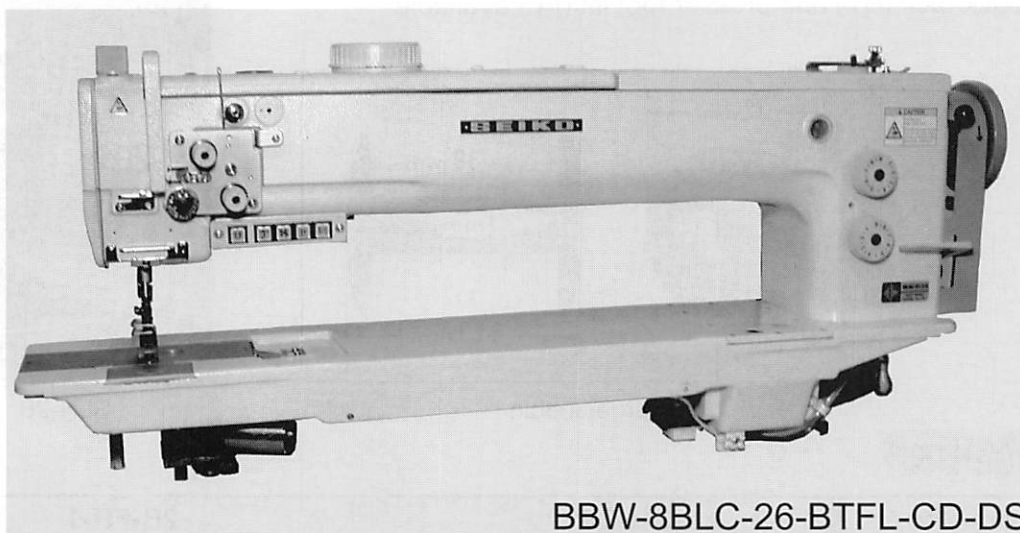
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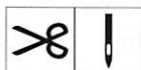
BBW Long arm series

High speed, Single needle, Long (26 inch) arm, Compound feed and walking foot, Lockstitch sewing machine with automatic thread trimmer, Automatic backtack, Automatic presser foot lift, Climbing device and dual stitching device



BBW-8BLC-26-BTFL-CD-DS

Variety



BBW-8BLC-26

Compound feed and walking foot, reverse stitch, thread trimmer



BBW-8BLC-26-BTFL-CD-DS

Compound feed and walking foot, reverse stitch, thread trimmer, automatic back tack, automatic presser foot lift, climbing device, dual stitching device

Applications

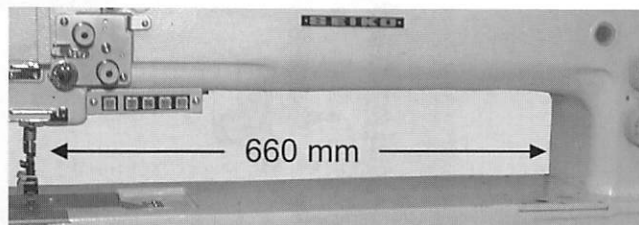
- For sewing medium to heavy weight materials such as leather, vinyl, synthetics and laminated and coated materials
- Suitable for sewing such as automobile upholstery, tarpaulins, covers, awnings, tents, umbrellas handbags, luggage, travelware accessories, sports and camping equipment and wearing apparel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



BBW Long arm series

Features (BBW-□)

- 26 inch long arm, Longer stitch length quiet sewing operation. Max. 9mm for both forward and reverse feed stitching.
- BBW series are equipped with a large vertical axis hook (1.6 times).
- Safety device & Reliable thread trimming device & One touch switchover for two different stitch lengths (DS device).
- Built-in bobbin winder & Wide working space (660mm).
- Large clearance under presser foot. Presser bar lifter.
- Simple setting for alternating presser foot movement. Smooth stitching on step section (CD device).
- 5 operational switches improve working efficiency.



Specifications (BBW-□)

Variety	BBW-8BLC-26	BBW-8BLC-26-BTFL-CD-DS
Number of needle	Single needle	
Max. sewing speed	3,000 s.p.m.	
Max. stitch length	9mm (Forward / Reverse)	
Clearance under presser foot	9mm (by hand) 16mm (by knee)	9mm (by hand) 16mm (by automatic foot lifter)
Needle bar stroke	34mm	
Needle	135×17 Nm110~Nm200 (Nm160) or DP×17 #18~#25 (#23)	
Thread	#30~#5 (Standard #8)	
Hook	Large vertical axis hook (1.6 times)	
Thread length after trimming	27mm	
Thread take up lever	Link type	
Amount of walking foot movement	1~7mm	
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	
Walking foot movement change device	Pneumatic	
Safety device	Standard	
Lubrication	Automatic lubrication type	
Bed size / Working space	925mm(W)×177mm(D) / 660mm(W)×120mm(H)	
Net weight (Head only)	74Kg	75Kg
Motor	AC Servo motor	

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



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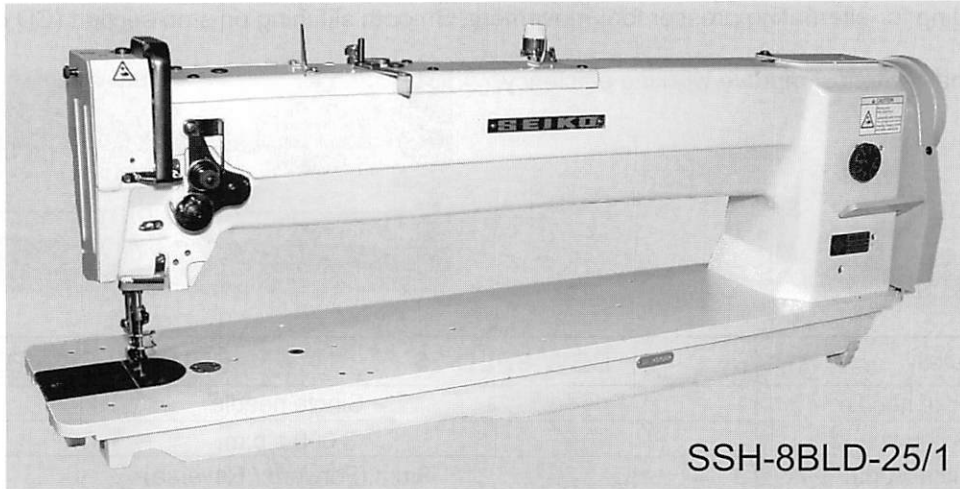
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SSH series

Single needle, Large horizontal axis hook, Compound feed and walking foot, Lockstitch machines



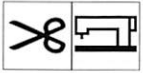
SSH-8BLD-25/1

Variety



SSH-8BLD-25/1

25 inch long arm

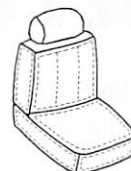


SSH-8BLDC-25

Thread trimmer, 25 inch long arm

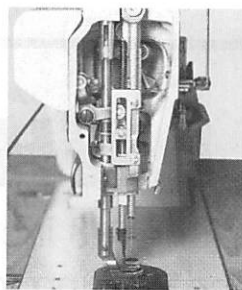
Applications

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



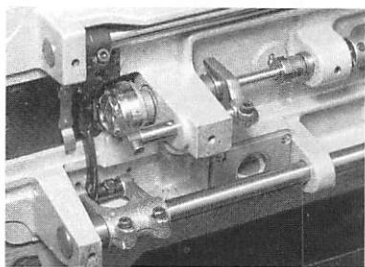
Features

- Large horizontal axis hook.
- Centralized arm lubrication.
- Automatic lubricated hook.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching.
- Built-in bobbin winder.
- Bobbin case opener.
- Compound feed and alternating pressers mechanism assures even feeding of material.
- Automatic back tack (BT) and presser foot lift (FL) available.



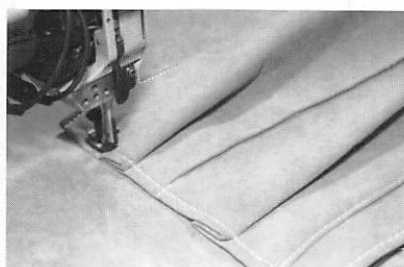
Longer max. stitch length

Maximum stitch length 8mm. both forward and reverse stitching, is most suitable for heavy duty work. Besides, by simple adjustment, the stitch length more than 8mm is obtainable.



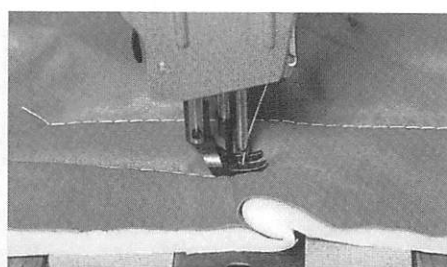
Lubrication system for hook

Our reliable lubrication system allows long time and high speed driving.



Higher alternating up/down amount of inner foot

The machine is specially designed to increase up/down amount of the inner foot, adjustable range of the movement is 2.5mm-7mm, to suit for sewing thick materials such as thick urethane, bedding, etc.



Specifications (SSH-□)

Variety	8BLD-25/1	8BLDC-25
Number of needle	Single needle	
Max. sewing speed	1,800(s.p.m.)	
Max.stitch length	5/16" (8 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)	
Thread	#8 (standard)	
Hook	Large horizontal axis hook	
Amount of lift of walking foot	3/32"-9/32" standard 9/64" (2.5 - 7 mm) (standard 3.5 mm)	
Thread take up lever	Slide type	
Lubrication	Semi-automatic lubrication	
Bed size	33-15/32" x 7" (850 x 177 mm)	
Working space	25"x 4-21/64" (635 x 110 mm)	
Motor	Clutch motor	AC servo motor
Net weight(Head only)	48Kg	55Kg

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



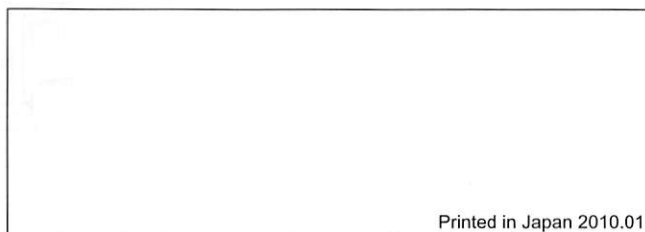
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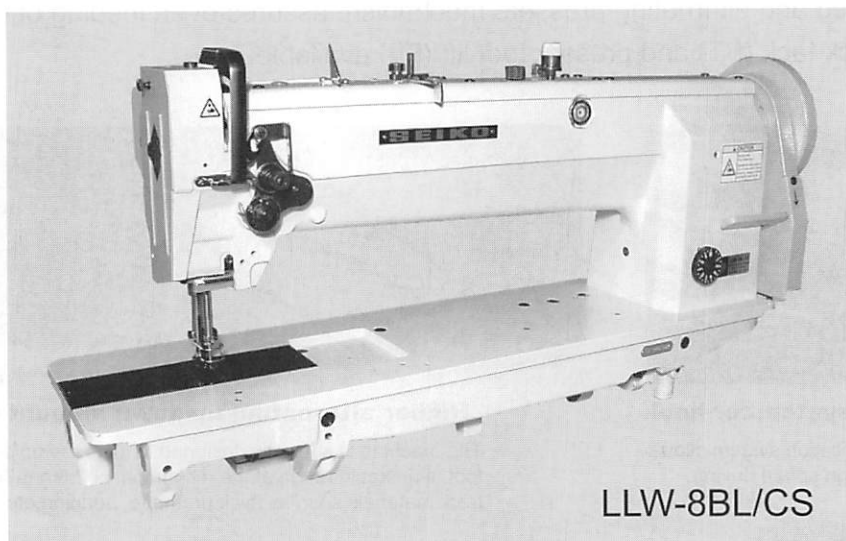


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LLW / LLWH single needle series

High speed, Extra long (18 inch) arm, Large vertical axis hook, Compound feed and walking foot, Coarse stitch, Lockstitch machines

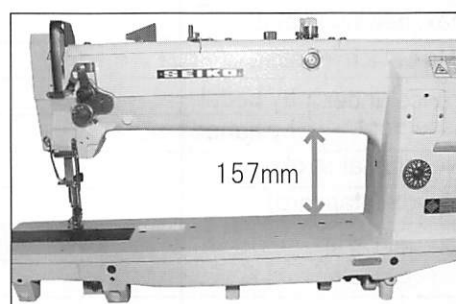


Variety

 **LLW-8BL/CS**
Reverse stitch

 **LLW-8BLC/CS**
Reverse stitch, thread trimmer

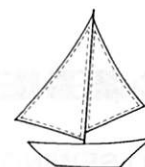
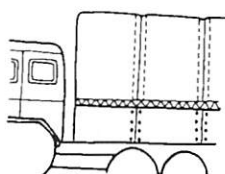
 **LLWH-8BL/CS**
Reverse stitch, high arm(47 mm extra height)



LLWH-8BL/CS

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics, laminated and coated materials.
- Suitable for canvas, tents, awnings, tarpaulins, upholstery, automotive trim, etc.



LLW / LLWH single needle series

Features

- 18 inch long arm.
- Large vertical axis hook.
- Semi-Automatic lubrication system.
- Automatic hook lubrication.
- Safety clutch prevents the hook from being damaged.
- Longer stitch length 10 mm (except thread trimming machine).
- Reverse stitching.
- Available in "Thick Thread Version"(for heavier material) add suffix "TA" when ordering.
- Synchronized cloth puller available (add suffix "R").
- Automatic back tack (BT) and foot lift (FL) available.
- Two needle version available.

Specifications (LLW-□)

Variety		8BL/CS	8BLC/CS	LLWH-8BL/CS
Number of needle		Single needle		
Max. sewing speed		2,200(s.p.m.)		2,000(s.p.m.)
Max. stitch length		25/64" (10 mm)	5/16" (8 mm)	25/64" (10 mm)
Clearance under presser foot	by knee	19/32" (15 mm)		
	by hand	5/16" (8 mm)		
Needle bar stroke		1-25/64" (35.4 mm)		
Needle(standard)		DPx17 (#22) , 135x17 (#140)		
Thread		#8 (standard)		
Hook		Large vertical axis hook		
Amount of lift of walking foot		3/32"-9/32" standard 9/64" (2.5 - 7 mm) (standard 3.5 mm)	1/8"-15/64" standard 5/32" (3 - 6 mm) (standard 4 mm)	3/32"-9/32" standard 9/64" (2.5 - 7 mm) (standard 3.5 mm)
Thread take up lever		Slide type		
Lubrication		Semi-Automatic lubrication		
Bed size		28-17/64" x 7" (718 x 177 mm)		
Working space		18-1/32" x 4-21/64" (458 x 110 mm)		18-1/32" x 6-3/16" (458 x 157 mm)
Motor		Clutch motor	AC Servo motor	Clutch motor
Net weight(Head only)		46Kg		53Kg

NOTE

- (1) Speed depends on threads, materials and type of operation
 (2) Specifications subject to change without notice
 (*) Max. sewing speed for "TA" machines are 1600 s.p.m.



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LLW / LLWH two needle series

High speed, Extra long (18 inch) arm, Large vertical axis hook, Compound feed and walking foot, Coarse stitch, Lockstitch machines



LLW-28BL/CS-TA

Variety



LLW-28BL/CS

Reverse stitch



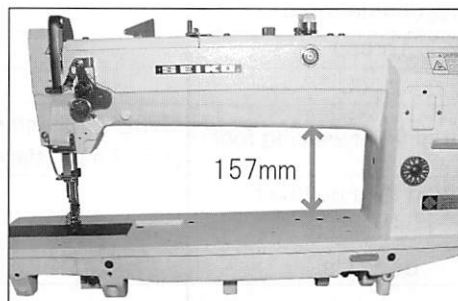
LLW-28BLC/CS

Reverse stitch, thread trimmer



LLWH-28BL/CS

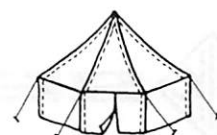
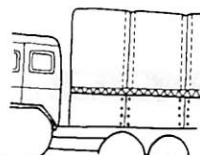
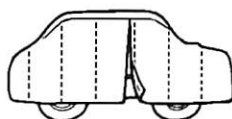
Reverse stitch, high arm (47 mm extra height)



LLWH-28BL/CS

Applications

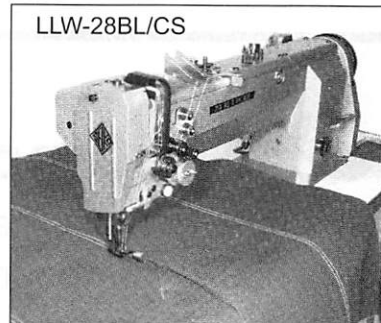
- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics, laminated and coated materials.
- Suitable for canvas, tents, awnings, tarpaulins, upholstery, automotive trim, etc.



LLW / LLWH two needle series

Features

- 18 inch long arm.
- Large vertical axis hook.
- Semi-Automatic lubrication system.
- Automatic hook lubrication.
- Safety clutch prevents the hook from being damaged.
- Longer stitch length 10 mm (except thread trimming machine).
- Reverse stitching.
- Available in "Thick Thread Version"(for heavier material) add suffix "TA" when ordering.
- Synchronized cloth puller available (add suffix "R").
- Automatic back tack (BT) and foot lift (FL) available.
- Single needle version available.



Specifications (LLW-□)

Variety		28BL/CS	28BLC/CS	LLWH-28BL/CS
Number of needle		Two needle		
Max. sewing speed		2,200(s.p.m.)		2,000(s.p.m.)
Max. stitch length		25/64" (10 mm)	5/16" (8 mm)	25/64" (10 mm)
Clearance under presser foot	by knee	19/32" (15 mm)		
	by hand	5/16" (8 mm)		
Needle bar stroke		1-25/64" (35.4 mm)		
Needle(standard)		DPx17 (#22) , 135x17 (#140)		
Thread		#8 (standard)		
Hook		Large vertical axis hook		
Amount of lift of walking foot		3/32"-9/32" standard 9/64" (2.5 - 7 mm) (standard 3.5 mm)	1/8"-15/64" standard 5/32" (3 - 6 mm) (standard 4 mm)	3/32"-9/32" standard 9/64" (2.5 - 7 mm) (standard 3.5 mm)
Thread take up lever		Slide type		
Lubrication		Semi-Automatic lubrication		
Bed size		28-17/64" x 7" (718 x 177 mm)		
Working space		18-1/32" x 4-21/64" (458 x 110 mm)		18-1/32" x 6-3/16" (458 x 157 mm)
Motor		Clutch motor	AC Servo motor	Clutch motor
Net weight(Head only)		46Kg		53Kg

NOTE: (1) Speed depends on threads, materials and type of operation
 (2) Specifications subject to change without notice
 (*) Max. sewing speed for "TA" machines are 1600 s.p.m.

Needle gauge list

Variety	Needle gauge size
LLW-28BL/CS LLWH-28BL/CS	1/4"(6.4 mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm), 3/4"(19.1mm) standard : 1/4"(6.4 mm) Note: Other needle gauges are available within 1/8" to 1-1/2" at extra cost.
LLW-28BLC/CS	1/4"(6.4 mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm), 3/4"(19.1mm) standard : 1/4"(6.4 mm) Note: Other needle gauges are available within 3/16" to 1" at extra cost.



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From the library of: Superior Sewing Machine & Supply LLC

JW -10inch&Thread Trimmer series

Single & Two needle, Extra heavy duty, Extra long arm, Extra large vertical axis hook, Compound feed and walking foot, Lockstitch machines



JW-28BL-10
10 inch machine arm

Variety

JW-8BL-10

10 inch machine arm, reverse stitch

JW-28BL-10

10 inch machine arm, reverse stitch

Auto thread trimmer



JW-8BLC-20

20 inch machine arm, reverse stitch



JW-28BLC-20

20 inch machine arm, reverse stitch



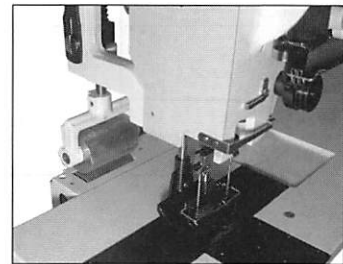
JW-8BLC-30

30 inch machine arm, reverse stitch



JW-28BLC-30

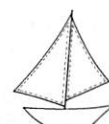
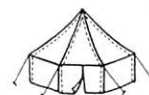
30 inch machine arm, reverse stitch



Clutch driven puller feed

Applications

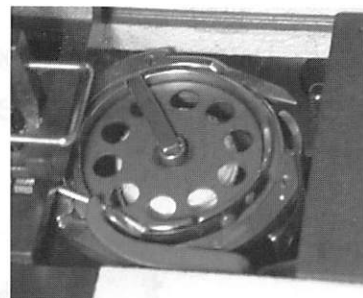
- For sewing extra heavy weight materials such as canvas, vinyl, leather, synthetics, and various coated, laminated and rubberized fabric.
- Suitable for sewing such as tents, tarps, awnings, truck covers, auto marine and furniture upholstery, field covers, fabric structures and heavy bulky products.



JW-10inch&Thread Trimmer series

Features

- Long and wide working space is suitable for sizable materials such as tent and sail cloth.
- Extra large vertical axis hook.
- Compound feed and walking foot mechanism assures even feeding of materials.
- Automatic hook lubrication.
- Safety clutch prevents the hook from being damaged.
- Reverse feed operated by foot pedal.
- Push button stitch regulator.
- Built-in bobbin winder. (except 10 inch model)
- Front handwheel (30 inch model only) allows for easy positioning of the needle.
- Cloth puller available. Add suffix "R" when ordering.
- Automatic back tack(BT) and foot lift(FL) available.



Extra large vertical axis hook

Specifications (JW-□□)

Variety		8BL-10	8BLC-20	8BLC-30	28BL-10	28BLC-20	28BLC-30
Number of needle		Single needle			Two needle		
Max. sewing speed		1,500 s.p.m.	1,200 s.p.m.		1,500 s.p.m.	1,200 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)		DYx3 (#24) , 794 (#180)					
Thread		#5 (standard)					
Hook		Extra large vertical axis hook					
Amount of lift of walking foot		15/64" - 11/32" standard 15/64" (6 mm - 9 mm) (standard 6 mm)					
Thread take up lever		Slide type					
Lubrication		Semi-automatic type					
Bed size		20-25/64"x 7" (518 x 177 mm)	33-5/16"x 9-1/16" (846 x 230 mm)	43-5/16"x 9-1/16" (1,100 x 230 mm)	20-25/64"x 7" (518 x 177 mm)	33-5/16"x 9-1/16" (846 x 230 mm)	43-5/16"x 9-1/16" (1,100 x 230 mm)
Working space		10"x 6-1/32" (254 x 153 mm)	20"x 6-1/32" (508 x 153 mm)	30"x 6-1/32" (762 x 153 mm)	10"x 6-1/32" (254 x 153 mm)	20"x 6-1/32" (508 x 153 mm)	30"x 6-1/32" (762 x 153 mm)
Motor		Clutch motor or AC Servo motor					

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

Available needle gauge size

Variety	Available needle gauge size range
28BL-10	3/16"(4.8 mm) - 1-3/4"(44.5 mm) standard 3/4"(19.1 mm)
28BLC-20	1/4"(6.4 mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm), 3/4"(19.1mm)
28BLC-30	standard 3/4"(19.1 mm) Note: Other needle gauges are available within 1/4" to 2" at extra cost.



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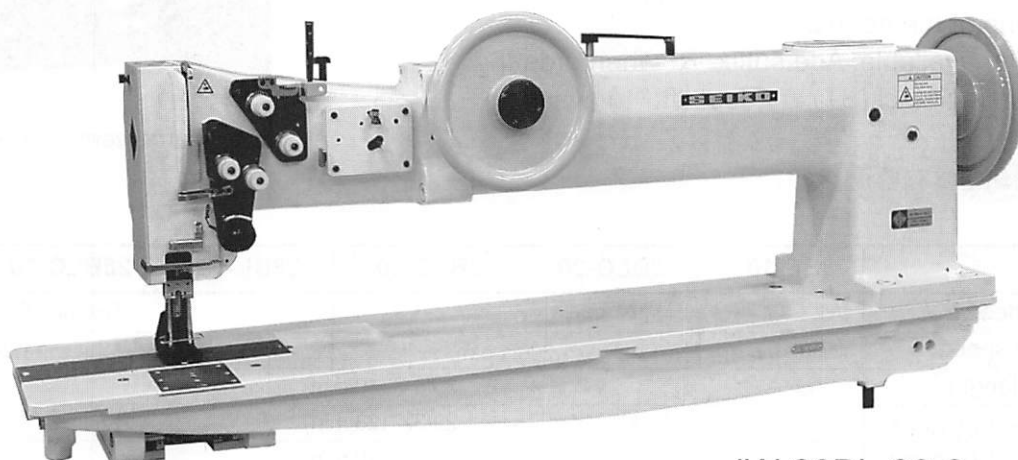
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From the library of: Superior Sewing Machine & Supply LLC

JW single & two needle series

Single & Two needle, Extra heavy duty, Extra long arm, Extra large vertical axis hook, Compound feed and walking foot, Lockstitch machines



JW-28BL-30-2

Variety

JW-8BL-20-2

20 inch machine arm, large hook, reverse stitch

JW-8BL-30-2

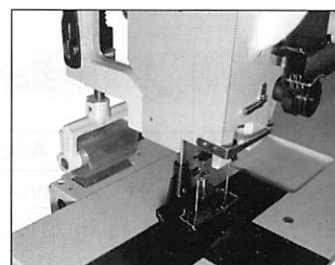
30 inch machine arm, large hook, reverse stitch

JW-28BL-20-2

20 inch machine arm, large hook, reverse stitch

JW-28BL-30-2

30 inch machine arm, large hook, reverse stitch



Clutch driven puller feed

Applications

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

JW single & two needle series

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 (30 inch model only) 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.
- Available in "THICK THREAD VERSION". Add suffix "A" when ordering.



Extra large vertical axis hook

Specifications (JW-□□)

Variety		8BL-20-2	8BL-30-2	28BL-20-2	28BL-30-2
Number of needle		Single needle		Two needle	
Max. sewing speed		1,200 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)		DYx3 (#24)			
Thread		Upper thread #8~#0(standard #5), Lower thread #8~#0			
Hook		Special extra large vertical axis hook			
Amount of lift of walking foot		15/64" - 11/32" standard 15/64" (6 mm - 9 mm) (standard 6 mm)			
Thread take up lever		Slide type			
Lubrication		Semi-automatic type			
Bed size		33-5/16"x 9-1/16" (846 x 230 mm)	43-5/16"x 9-1/16" (1,100 x 230 mm)	33-5/16"x 9-1/16" (846 x 230 mm)	43-5/16"x 9-1/16" (1,100 x 230 mm)
Working space		20"x 6-1/32" (508 x 153 mm)	30"x 6-1/32" (762 x 153 mm)	20"x 6-1/32" (508 x 153 mm)	30"x 6-1/32" (762 x 153 mm)
Motor		Clutch motor or AC Servo motor			

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

Available needle gauge size

Variety	Needle gauge size
28BL-20-2	1/4", 5/16", 3/8", 1/2", 3/4 standard 3/4"(19.1 mm)
28BL-30-2	

Note: Other needle gauges are available within 1/4" to 2-1/2" at extra cost.



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From the library of: Superior Sewing Machine & Supply LLC

BBWP series

High speed, Twin needle, Compound feed and walking foot, 2.0 times large hook, Lockstitch sewing machine with automatic thread trimmer, Automatic backtacking, Automatic presser foot lift, Climbing device and dual stitching device



BBWP-28BLC-BTFL-CD-DS

Variety



BBWP-8BL

Compound feed and walking foot, reverse stitch.

BBWP-8BL-BTFL

w/auto, BTFL



BBWP-8BLC-BTFL-CD-DS

Compound feed and walking foot, reverse stitch, thread trimmer, automatic back tack, automatic presser foot lift, climbing device, dual stitching device.



BBWP-28BL

Compound feed and walking foot, reverse stitch,

BBWP-28BL-BTFL

w/auto, BTFL



BBWP-28BLC-BTFL-CD-DS

Compound feed and walking foot, reverse stitch, thread trimmer, automatic back tack, automatic presser foot lift, climbing device, dual stitching device

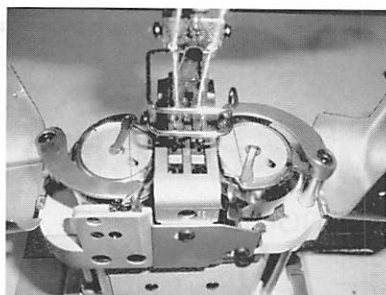
Applications

- 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.



From the library of: Superior Sewing Machine & Supply LLC

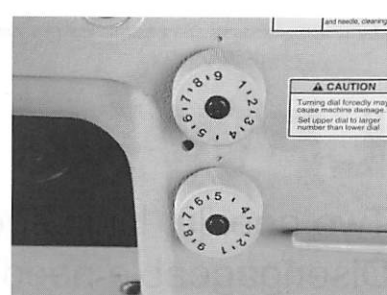
BBWP series



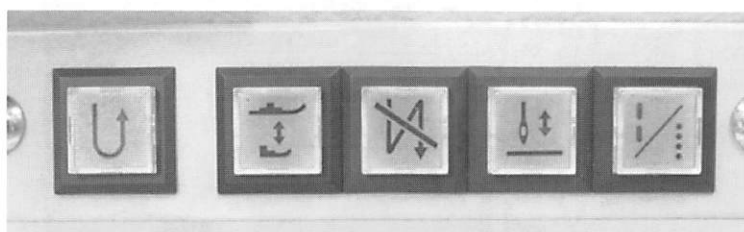
2.0 times large capacity hook



Safety device



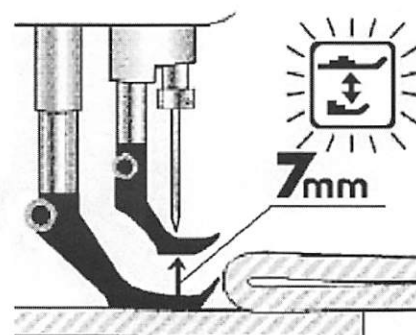
One touch switchover for two different stitch lengths (DS Device)



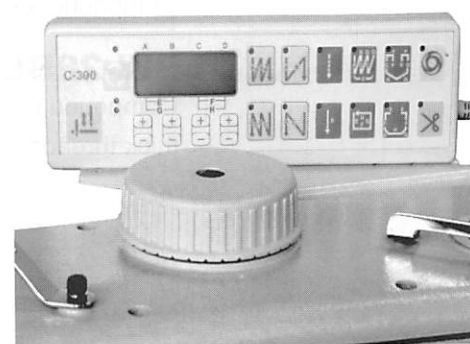
5 operational switches

General specification		
	BBWP-8BL(28BL)	BBWP-8BLC(28BLC)-BTFL-CD-DS
Number of needle	Single(Two) needle	
Max. sewing speed	2,500 s.p.m.	
Max.stitch length	9.0mm(Forward/Reverse)	
Clearance under presser foot	9mm (by hand)	
	16mm (by automatic foot lifter)	
Needle bar stroke	34mm	
Needle	DP × 17 #24	DP × 17 #22
Thread	#5	#8
Hook	Large vertical axis hook (2.0 times)	
Post height	178mm	
Thread take up lever	Link type	
Amount of walking foot movement	1~7mm	
Walking foot movement change switch	Dial type	
Bobbin winder	Built-in type	
Auto presser foot lifting device		Pneumatic
Walking foot movement change device		Pneumatic
Lubrication	Semi-automatic lubrication type	
Bed size/Working space	567mm × 177mm / 300mm × 120mm	
Net weight (Head only)	61Kg	65Kg
Motor	Clutch Motor	AC servo motor

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



Smooth stitching on step section (CD device)



Simple setting for alternating presser foot movement



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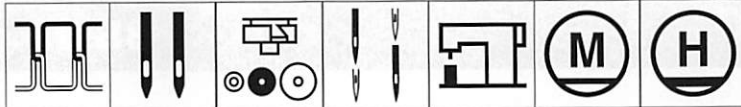
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SEIKO®



LPW two needle series (angular stitch)

Two needle, High speed, Post bed, Large vertical axis hook,
Disengageable needle bars, Lockstitch machine



LPW-28BLK

Variety



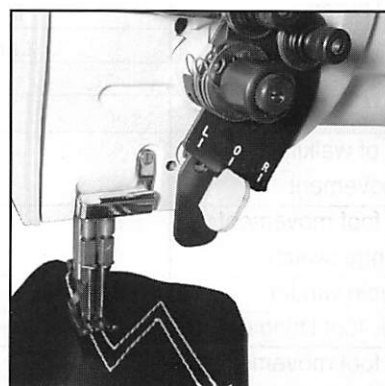
LPW-28BLK

Compound feed and walking foot, reverse stitch



LPW-28BLK-A

Compound feed and walking foot, reverse stitch
thick threads type



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.



LPW two needle series (angular stitch)

Features

- Post bed and wide working space makes it easy for sewing of large materials.
- Easy operation of disengageable right and left needle bars by use of finger touch lever.
- Compound feed and alternating pressers mechanism assures even feeding of materials. (-28BLK)
- Semi-automatic lubrication system.
- Large vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching.
- Various gauge sets available.

Specifications (LPW-□)

Variety	28BLK	28BLK-A
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)	#1 (standard)
Hook	Large vertical axis hook	
Amount of lift of walking foot	3/32"-3/16" standard 1/8" (2.5 - 5 mm) (standard 3.2 mm)	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	
Bed size	20-25/64"x 7" (518 x 177 mm)	
Post height	7" (178mm)	
Working space	10-5/32"x 11-11/32" (258 x 288 mm)	
Motor	Clutch motor	
Net weight(Head only)	44Kg	

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	
28BLK	1/4"(6.4mm), 5/16"(7.9mm), 3/8"(9.5mm)	standard 3/8"(9.5mm)
28BLK-A		

Note: other needle gauges are available within 3/16" to 3/4" at extra cost.



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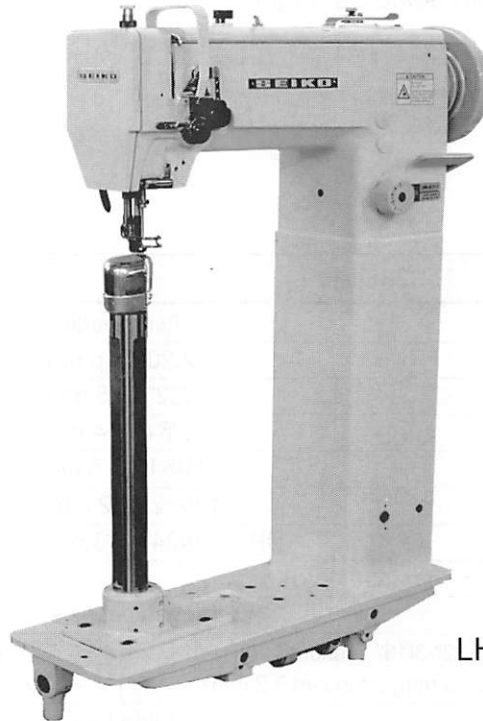
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LHPWN series

High speed, Extra high post bed, Compound feed and walking foot, Lockstitch machine



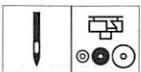
LHPWN-8B-3-SF-LP

Variety



LHPWN-8B-3-SF-LP

Single needle, slim post, standard vertical axis hook, reverse stitch, left post

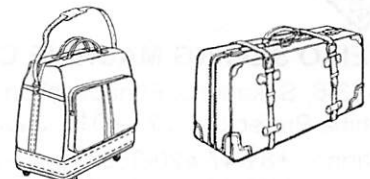


LHPWN-8BL-3-LP

Single needle, large vertical axis hook, reverse stitch, left post

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

- Totally renewed external appearance./adoption of advanced and massive arm design (realizing lower noise/less vibration).
- 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. (slim post only)
- Available to adjust the clearance between needle to hook by new mechanism. (slim post only)
- Available to sew the smaller materials by new designed throat plate and hook cover. (slim post only)
- Easy to adjust the stitch length by adjusting Dial.
- Safety clutch prevents the hook from being damaged.
- Right post type is available.(except -8B-3-SF-LP)



LHPWN-8B-3-SF-LP



LHPWN-8BL-3-LP

Specifications (LHPWN-□)

Variety	8B-3-SF-LP	8BL-3-LP
Number of needle	Single needle	
Max. sewing speed	1,600(s.p.m.)	2,200(s.p.m.)
Max. stitch length	13/64" (5mm)	7/32" (5.5mm)
Clearance under presser foot	by pedal	5/8" (16 mm)
	by hand	25/64" (10 mm)
Needle bar stroke	1-25/64" (35.4mm)	
Needle(standard)	DPx17 (#22) , 135x17 (#140)	
Thread	#8 (standard)	
Hook	Vertical axis hook	Large vertical axis hook
Amount of lift of walking foot	7/64"-7/32" (2.7 - 5.5mm)	
Thread take up lever	Slide type	
Lubrication	Semi automatic type	
Bed size	20-25/64"x 7" (518 x 177mm)	
Working space	10-5/32"x 21-25/32" (258 x 553 mm)	
Post height	17-33/64" (445mm)	17-7/16" (443mm)
Motor	Clutch motor	
Net weight(Head only)	64Kg	67.5Kg

NOTE

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



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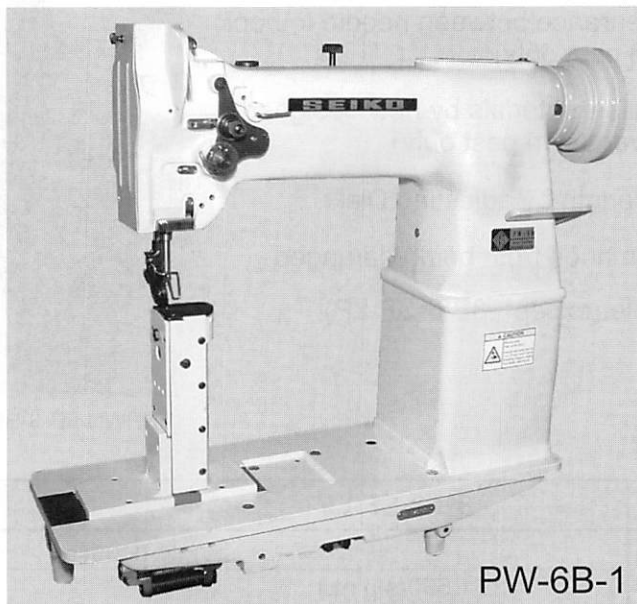
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PW single needle series

Single needle, High speed, Post bed, Vertical axis hook, Lockstitch machines



Variety



PW-6B-1

Drop feed, reverse stitch



PW-7B

Compound feed, reverse stitch

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as raincoats, underwear, overalls, foundation garments, corsets and shoes.



PW single needle series

Features

- Post bed and wide working space makes it easy for sewing of large materials.
- Vertical axis hook.
- Safety clutch prevents the hook from being damaged (-7B).
- Reverse stitching.
- Roller presser foot allows for turning of sharp corners and tight curves.



PW-6B-1

Specifications (PW-□)

Variety		6B-1	7B
Number of needle		Single needle	
Max. sewing speed		2,800(s.p.m.)	
Max. stitch length		11/64" (4.5 mm)	
Clearance under presser foot	by knee	5/16" (8 mm)	33/64" (13 mm)
	by hand	15/64" (6 mm)	21/64" (8.5 mm)
Needle bar stroke		1-5/16" (33.2 mm)	
Needle(standard)		DPxF22 (#14) , 134KKS (#90)	DPx17 (#18) , 135x17 (#110)
Thread		#30 (standard)	#20 (standard)
Hook		Vertical axis hook	
Thread take up lever		Slide type	
Lubrication		Hand type	
Bed size		20-25/64" x 7" (518 x 177 mm)	
Post height		7" (178 mm)	
Working space		10-5/32" x 11-11/32" (258 x 288 mm)	
Motor		Clutch motor	
Net weight(Head only)		40Kg	42Kg

NOTE

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



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PW two needle series

Two needle, High speed, Post bed, Vertical axis hook, Lockstitch machines



PW-26B-1

Variety



PW-26B-1

Drop feed, reverse stitch



PW-27B

Compound feed, reverse stitch



PW-28B

Compound feed and walking foot, reverse stitch



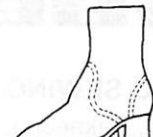
PW-26B-1



PW-28B

Applications

- For sewing medium to heavy weight fabrics, leather, vinyl, synthetics and laminated and coated materials.
- Suitable for sewing such as raincoats, underwear, overalls, foundation garments, corsets and shoes.



PW two needle series

Features

- Post bed and wide working space makes it easy for sewing of large materials.
- Vertical axis hook.
- Safety clutch prevents the hook from being damaged (except -26B-1).
- Reverse stitching.
- Compound feed and alternating pressers mechanism assures even feeding of materials (-28B).
- Roller presser foot allows for turning of sharp corners and tight curves (except -28B). *

* Roller presser foot is to be fitted with 1/32"-3/32" gauge size machine as standard (-26B-1, -27B)

Specifications (PW-□)

Variety		26B-1	27B	28B
Number of needle		Two needle		
Max. sewing speed		2,500(s.p.m.)	2,800(s.p.m.)	
Max. stitch length		11/64" (4.5 mm)		
Clearance under presser foot	by knee	5/16" (8 mm)	33/64" (13 mm)	
	by hand	15/64" (6 mm)	21/64" (8.5 mm)	
Needle bar stroke		1-5/16" (33.2 mm)		
Needle(standard)		DPxF22 (#14) , 134KKS (#90)	DPx17 (#18) , 135x17 (#110)	
Thread		#30 (standard)	#20 (standard)	
Hook		Vertical axis hook		
Amount of lift of walking foot		—		7/64"-7/32" standard 1/8" (2.7-5.5mm) (standard 3.2mm)
Thread take up lever		Slide type		
Lubrication		Hand type		
Bed size		20-25/64" x 7" (518 x 177 mm)		
Post height		7" (178 mm)		
Working space		10-5/32" x 11-11/32" (258 x 288 mm)		
Motor		Clutch motor		
Net weight(Head only)		39Kg		

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
26B-1	3/64"(1.2mm), 1/16"(1.6mm), 5/64"(2mm), 3/32 "(2.4mm) Standard: 3/32"(2.4mm) Note: Other needle gauges are available within 3/64" to 3/4" at extra cost.
27B 28B	1/16"(1.6mm), 3/32"(2.4mm), 1/8"(3.2mm) Standard: 1/16"(1.6mm) Note: Other needle gauges are available within 1/16" to 1" at extra cost.



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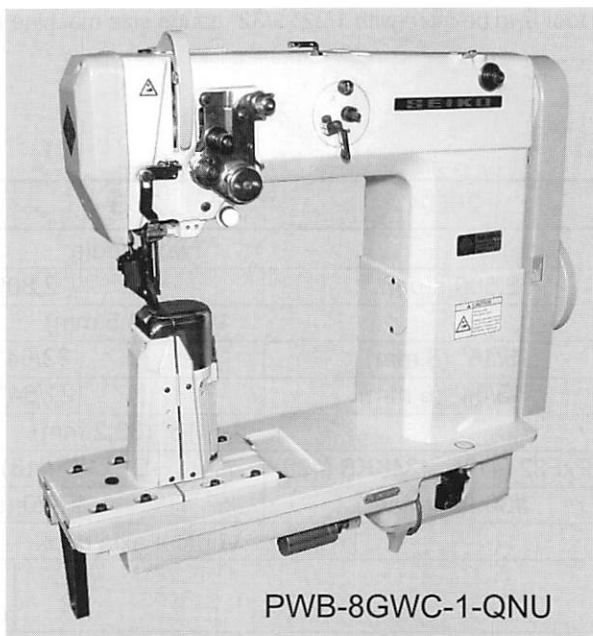
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PWB single needle series

Single needle, High speed, Post bed, Wheel feed and driven roller presser, Vertical axis hook, Lockstitch machines



Variety

PWB-8GW-1



PWB-8GWC-1

Thread trimmer



PWB-8GWC-1-QNU

Thread trimmer, quick needle up

Applications

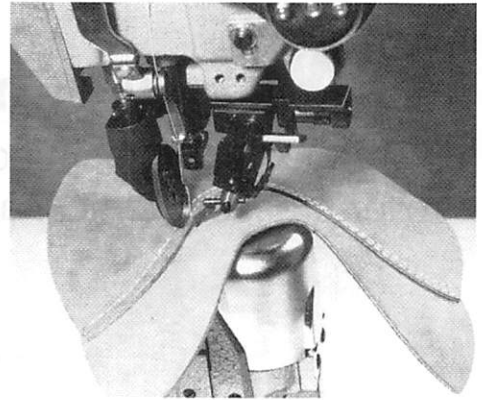
- For sewing slippery materials, leather, vinyl and polyethylene plastics, oil cloth, just any material difficult to feed, coated and laminated fabrics.
- Suitable for sewing hollow, tubular and curved articles, etc.



PWB single needle series

Features

- Anti-friction ball and needle roller bearings for easy maintenance.
- Simplified semi-automatic lubrication.
- Vertical axis rotating hook.
- Triple feeding mechanism assures even feeding of difficult to sew materials.
- Built-in bobbin winder.
- Automatic presser foot lift (FL) available.
- Two needle machines available.



PWB-8GWC-1-QNU

Specifications (PWB-□)

Variety	8GW-1	8GWC-1
Number of needle	Single needle	
Max. sewing speed	3,000(s.p.m.)	
Max. stitch length	13/64" (5 mm)	
Clearance under presser foot	by knee	23/64" (9 mm)
	by hand	9/32" (7 mm)
Needle bar stroke	1-1/2" (38 mm)	
Needle(standard)	DPx7 (#14) , 134R (#90)	
Thread	#30 (standard)	
Hook	Vertical axis hook	
Thread take up lever	Link type	
Lubrication	Simplified semi-automatic lubrication	
Bed size	20-25/64" x 7" (518 x 177 mm)	
Roller size (standard)	1-13/32" (36 mm) dia.	
Post height	7" (178 mm)	
Working space	10-15/64"x 11-7/32" (260 x 285 mm)	
Motor	Clutch motor	AC servo motor
Net weight(Head only)	47Kg	48Kg

NOTE

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

Variety of roller presser foot

Parts No.	Diameter	Width
37336C	36 mm (1-13/32")	4.2 mm (11/64")
37149C	26 mm (1-1/32")	4.2 mm (11/64")



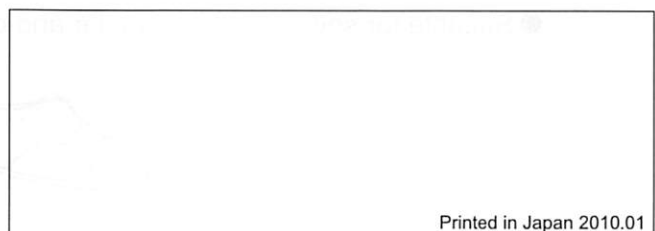
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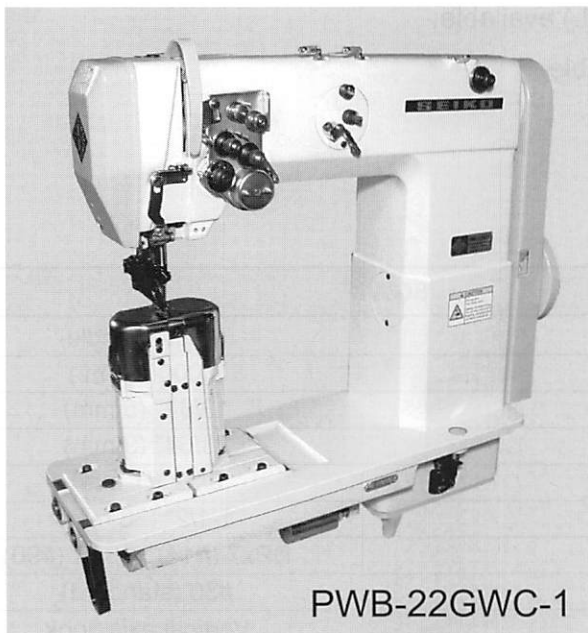


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PWB two needle series

Two needle, High speed, Post bed, Wheel feed and driven roller presser, Vertical axis hook, Lockstitch machines



PWB-22GWC-1

Variety

PWB-22GW-1



PWB-22GWC-1

Thread trimmer



PWB-22GWC-1-QNU

Thread trimmer, quick needle up



PWB-22GWC-1

Applications

- For sewing slippery materials, leather, vinyl and polyethylene plastics, oil cloth, just any material difficult to feed, coated and laminated fabrics.
- Suitable for sewing hollow, tubular and curved articles, etc.



Features

- Anti-friction ball and needle roller bearings for easy maintenance.
- Simplified semi-automatic lubrication.
- Vertical axis rotating hook.
- Triple feeding mechanism assures even feeding of difficult to sew materials.
- Built-in bobbin winder.
- Automatic presser foot lift (FL) available.
- Single needle machines available.

Specifications (PWB-□)

Variety	22GW-1	22GWC-1
Number of needle	Two needle	
Max. sewing speed	2,500(s.p.m.)	
Max. stitch length	5/32" (4 mm)	
Clearance under presser foot	by knee	23/64" (9 mm)
	by hand	9/32" (7 mm)
Needle bar stroke	1-1/2" (38 mm)	
Needle(standard)	DPx7 (#14) , 134 (#90)	
Thread	#30 (standard)	
Hook	Vertical axis hook	
Thread take up lever	Link type	
Lubrication	Simplified semi-automatic lubrication	
Bed size	20-25/64" x 7" (518 x 177 mm)	
Roller size (standard)	1-13/32" (36 mm) dia.	
Post height	7" (178 mm)	
Working space	10-15/64"x 11-7/32" (260 x 285 mm)	
Motor	Clutch motor	AC servo motor
Net weight(Head only)	47Kg	

Variety of roller presser foot

Parts No.	Diameter	Width
37336C	36 mm (1-13/32")	4.2 mm (11/64")
37149C	26 mm (1-1/32")	4.2 mm (11/64")

Needle gauge size

1/16"(1.6mm) , 5/64"(2.0mm), 3/32"(2.4mm)
standard 3/32" (2.4mm)

NOTE

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



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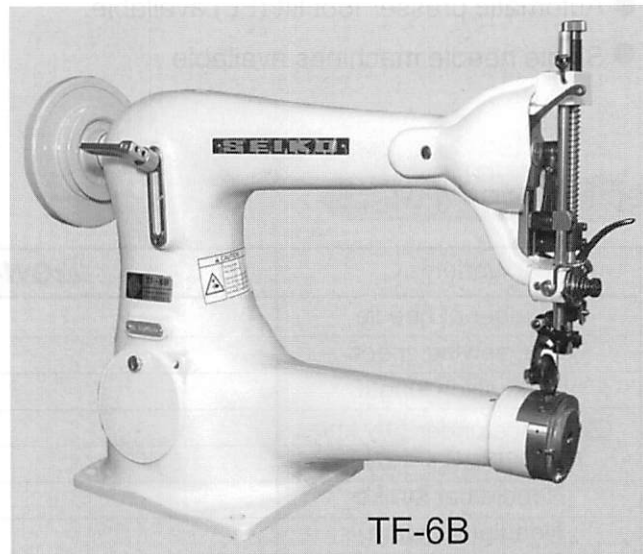
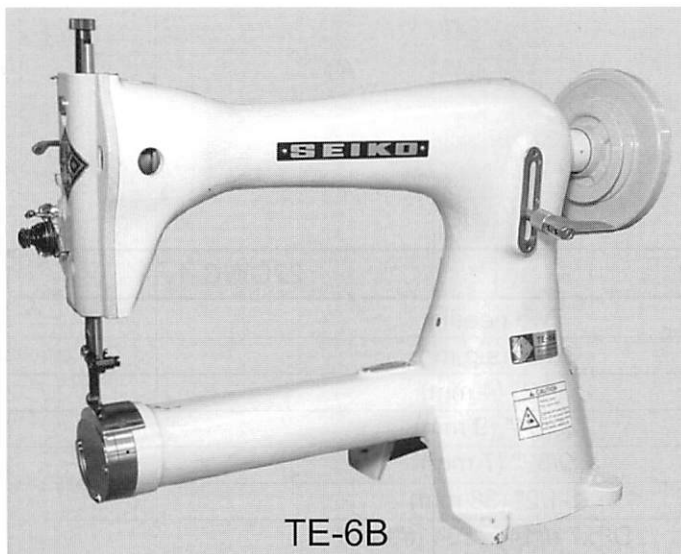
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TE/TF series

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



Variety

TE series

TE-6

Lower feed

TE-6B

Lower feed, reverse stitch

TF series (Left side pulley)

TF-6

Lower feed

TF-6B

Lower feed, reverse stitch

Applications

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

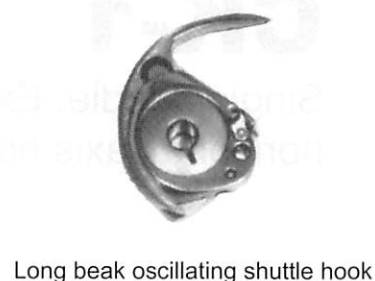
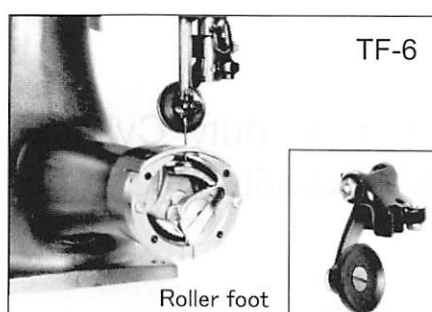
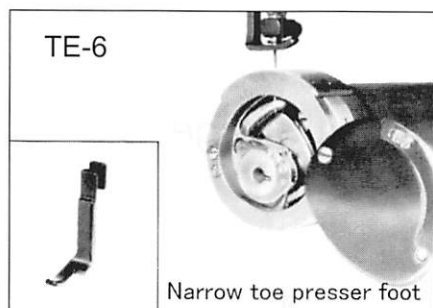


Features

- Standard is narrow toe presser foot and roller foot is supplied as accessories. (TE series)
- This is a convenient type machine that the left hand of the operator is usable in sewing operation, due to the feature of lefthand cylinder bed. (TF series)
- Standard foot is roller foot and narrow toe presser foot is supplied as accessories.
- Long beak oscillating shuttle hook
- Cam take-up
- Cylinder bed
- Reverse stitch (TE-6B & TF-6B)

TE/TF series

- Suitable for sewing of high-class products, due to the feature of the oscillating hook, which ensures perfect seam tightness.



- Cloth plate for flat work available at extra charge (Part no. 8136C)



Specifications (TE-□/TF-□)

Variety		TE-6	TE-6B	TF-6	TF-6B
Number of needle		Single needle			
Max. sewing speed		1,400(s.p.m.)			
Max. stitch length		15/64" (6 mm)	13/64" (5 mm)	13/64" (5 mm)	5/32" (4 mm)
Clearance under presser foot	by knee	25/64" (10 mm)			
	by hand	9/32" (7mm)			
Needle bar stroke		1-27/64" (36 mm)			
Needle(standard)		DB × 1 (#19) 16 × 231 (#120)		TF × 2 (#11) 34LL (#75)	
Thread		#20 (standard)		#40 (standard)	
Hook		Long beak oscillating shuttle hook			
Presser foot	standard	Narrow toe		Roller	
	Accessories	Roller		Narrow toe	
Thread take up lever		Cam type			
Lubrication		Hand type			
Cylinder size		2-27/64" (61.5 mm) dia.		2-1/2" (63.5 mm) dia.	
Working space		11-1/32"x 5-5/16" (280 x 135 mm)		11-1/32"x 5-33/64" (280 x 140 mm)	
Motor		Clutch motor			
Net weight(Head only)		18Kg		21Kg	

NOTE

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



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CK-1

Single needle, Extra heavy duty, Cylinder bed, Extra large horizontal axis hook, Lockstitch machines



CK-1

Variety

CK-1

No feed

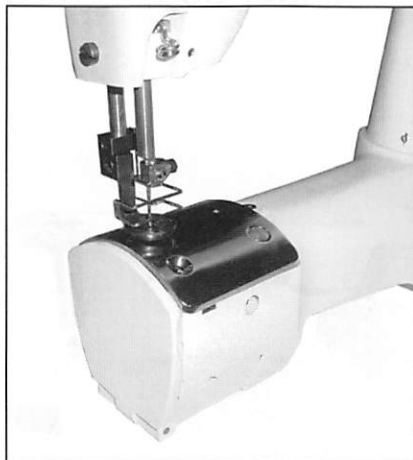
Applications

- For darning of tents, sheets and tubular products, especially suitable for darning jute sacks.
- For sewing a wide variety of tubular products such as heavy weight leather, canvas, vinyl and various coated and fabrics using heavy threads.



Features

- No Feeding mechanism allows sewing work in any direction as required for darning.
- Extra large hook to minimize replacement of lower thread.
- High presser lift. (10 mm)



Specifications (CK-1)

Variety	CK-1
Number of needle	Single needle
Max. speed	1,200(s.p.m.)
Needle bar stroke	2" (50.8 mm)
Needle(standard)	DDx1 (#24) , 328(#180)
Thread	#8~#0
Hook	Extra large horizontal axis hook
Thread take up lever	Link type
Lubrication	Hand type
Cylinder size	3-31/32"x 4-1/4" (101 x 108 mm)
Working space	10-15/64"x 7-9/16" (260 x 192 mm)
Motor	Clutch motor
Net weight(Head only)	42Kg

NOTE

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



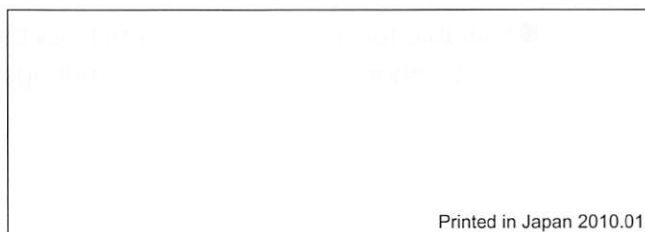
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CW series

Single needle, High speed, Cylinder bed, Vertical axis hook, Lockstitch machines



CW-8B-2

Variety

CW-1

No Feed



CW-7B

Compound feed, reverse stitch



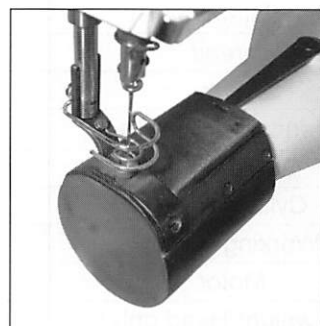
CW-8B-2

Compound feed and walking foot, reverse stitch

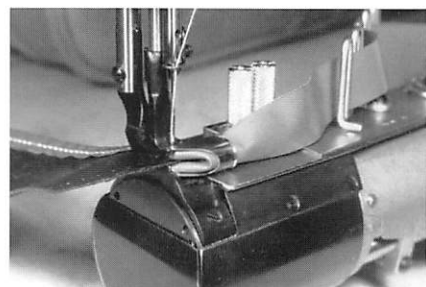


CW-8BV

Compound feed and walking foot, reverse stitch, synchronized binder



CW-1



CW-8BV

Applications

- For darning and mending all types of medium to heavy weight materials. (CW-1)
- Designed for stitching tubular and curved work.
- Suitable for sewing such products as caps, cushions, boots, shoes, bags, luggage, handbags, travelware accessories, etc. (except CW-1)



Features

- Vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- No Feeding mechanism allows sewing work in any direction as required for darning and mending. (-1 only)
- Reverse stitching (except -1).
- Compound feed and walking foot mechanism assures even feeding of materials. (-8B-2, -8BV)
- Semi-automatic lubrication system and large hook machines are available. (LCW series)

Specifications (CW-□)

Variety		1	7B	8B-2	8BV
Number of needle		Single needle			
Max. speed		2,800(s.p.m.)	2,500(s.p.m.)		
Max.stitch length		—	13/64" (5 mm)		11/64" (4.5 mm)
Clearance under presser foot	by pedal	25/64" (10 mm)	25/64" (10 mm)	35/64" (14 mm)	33/64" (13 mm)
	by hand	—	21/64" (8.5 mm)	21/64" (8.5 mm)	9/32" (7 mm)
Needle bar stroke		1-5/16" (33.2 mm)			
Needle(standard)		FOx3 (#18) FOx3 (#110)	DPx17 (#22) , 135x17 (#140)		DPx17 (#18) 135x17 (#110)
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			
Cylinder size		2-9/16"(65 mm) dia.			
Working space		10-5/32"x 4-21/64" (258 x 110 mm)			
Motor		Clutch motor			
Net weight(Head only)		32Kg			

NOTE

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



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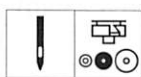
LCW series

High speed, Cylinder bed, Vertical axis hook,
Compound feed and walking foot, Lockstitch machines



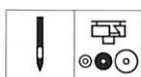
LCW-8BL

Variety



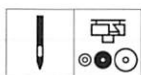
LCW-8BL

Single needle, large hook, reverse stitch



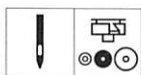
LCW-8BL-1

Single needle, large hook, reverse stitch, small sized cylinder edge.



LCW-8BLV

Single needle, large hook, reverse stitch, synchronized binding,



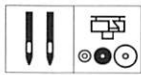
LCW-8BLV-1

Single needle, large hook, reverse stitch, synchronized binding, small sized cylinder edge.



LCW-28BL

Two needle, large hook, reverse stitch

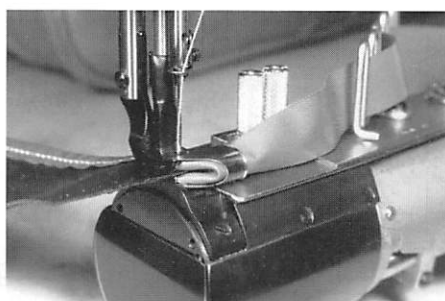


LCW-28BL-20

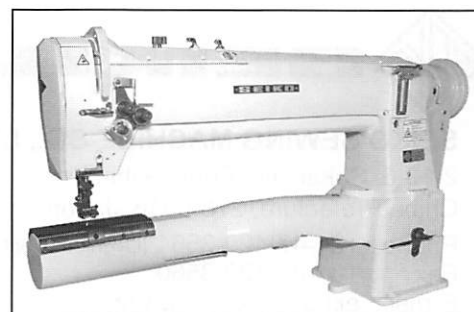
20inch long arm, two needle, large hook, reverse stitch



LCW-28BL



Synchronized binding machine



LCW-28BL-20

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

- Semi-automatic lubrication system.
- Vertical axis hook.
- Safety clutch prevents the hook from being damaged.
- Reverse stitching.
- Special designed cylinder edge for the special stitching on uneven materials. (-8BL-1, -8BLV-1)
- Synchronized binder available (except LCW-28BL)



LCW-8BL-1

Specifications (LCW-□)

Variety		8BL	8BL-1	8BLV	8BLV-1	28BL	28BL-20
Number of needle		Single needle				Two needle	
Max. sewing speed		2,000(s.p.m.)					1,500(s.p.m.)
Max. stitch length		1/4" (6.2 mm)					
Clearance under presser foot	by pedal	35/64" (14 mm)					
	by hand	21/64" (8.5 mm)					
Needle bar stroke		1-5/16" (33.2 mm)					
Needle(standard)		DPx17 (#22) , 135x17 (#140)					
Thread		#8 (standard)					
Hook		Vertical axis hook					
Amount of lift of walking foot		7/64"-7/32" (2.7 - 5.5 mm) standard 1/8" (standard 3.2 mm)					
Thread take up lever		Slide type					
Lubrication		Semi-automatic lubrication					
Cylinder size		3-1/32"(77 mm) dia.				3-7/64"(79 mm) dia.	
Working space		10-5/32"x 4-21/64" (258 x 110 mm)					20"x 4-21/64" (508 x 110 mm)
Motor		Clutch motor					
Net weight(Head only)		33Kg					50Kg

Needle gauge size (Two needle)

1/4"(6.4mm), 5/16"(7.9mm), 3/8"(9.5mm), 1/2"(12.7mm)
standard 1/4"(6.4mm)

NOTE

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



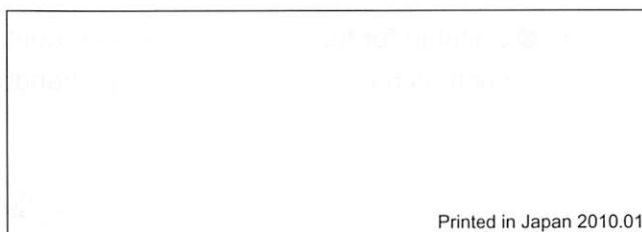
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LSC series

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



Variety



LSC-8B-1

Standard hook, reverse stitch



LSC-8BV-1

Standard hook, reverse stitch, synchronized binder



LSC-8BL-1

Large hook, reverse stitch



LSC-8BLV-1

Large hook, reverse stitch, synchronized binder



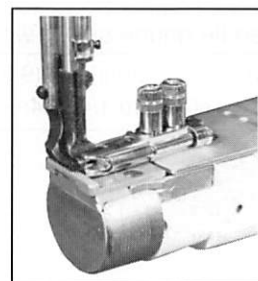
LSC-8BLH-1

Large hook, reverse stitch, horizontal feed



LSC-8BHC

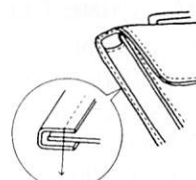
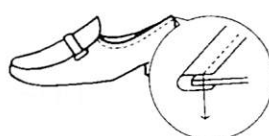
Standard hook, reverse stitch, thread trimmer, horizontal feed



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.



LSC series

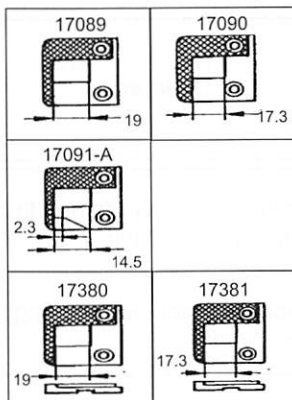
Gauge Parts (LSC-□V/H)

Gauge Parts Number	Needle Plate	Feed Dog	Inside Foot	Outside Foot	Remarks		
V - 1	17089	17073	17086	17083	Standard Left side from needle dropping point is 9 mm		
V - 2	17090	17074	17087	17084	Left side from needle dropping point is 7 mm		
V - 3	17091-A	17075-A	17108	17083	L Type		
V - 4	17380	17073	17390	17083	Standard for thread trimmer Left side from needle dropping point is 9 mm		
V - 5	17381	17074	17391	17084	For thread trimmer Left side from needle dropping point is 7 mm		
V - 6	17089	17561	17086	17083	Large hook Left side from needle dropping point is 9 mm		
V - 7	17090	17562	17087	17084	Large hook Left side from needle dropping point is 7 mm		
H - 1	17089-A	17073-A	17086-A	17083-A	Standard For pouched products in general		
H - 2	17113	17105	17086-B1	17083-B1	For pouched products in general		
H - 3	17113	17105	17086-B2	17083-B2	For piping work (right)		
H - 4	17113	17105	17086-B3	17083-B3	For piping work (left)		
H - 5	17113-B5	17105-B5	17086-B5	17083-B5	Auxiliary needle plate	Especially for sewing pouched products	
					17112-B5		
H - 6	17089-A	17565	17086-A	17083-A	Large hook		
H - 7	17383	17400	17392	17083-B1	For thread trimmer		

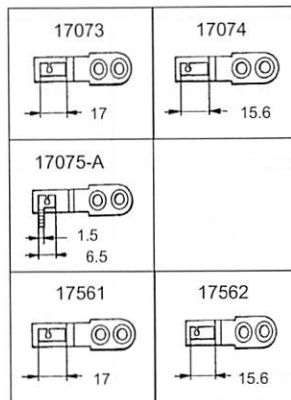
(Note) Various kinds of gauge parts are available besides above illustrated types.

For V series

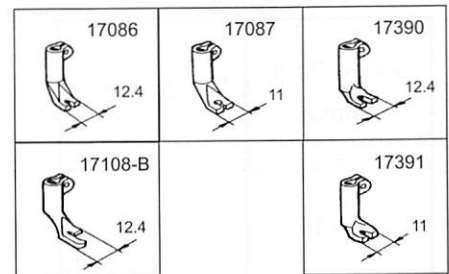
V - Needle plate (mm)



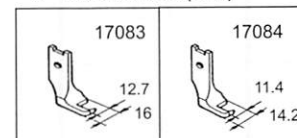
V - Feed dog (mm)



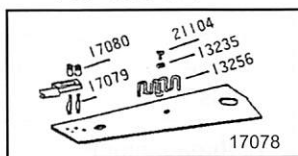
V - Inside foot (mm)



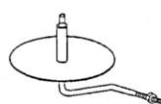
V - Outside foot (mm)



For LSC-8BV

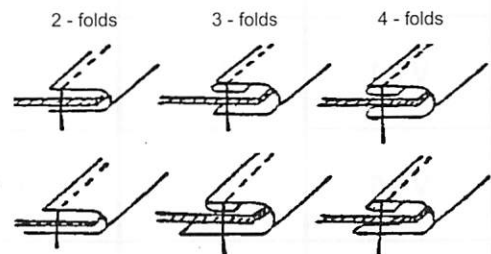


13260C



The above parts are to be used for acceptance of binder on LSC-8BH

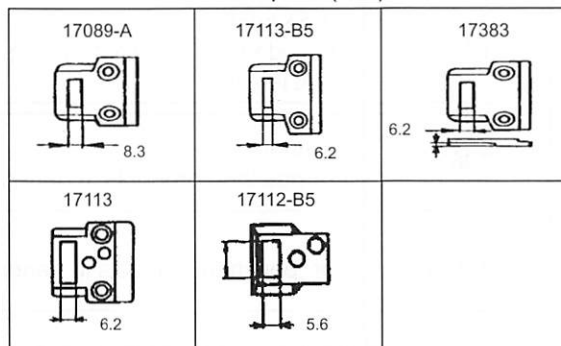
A TYPE



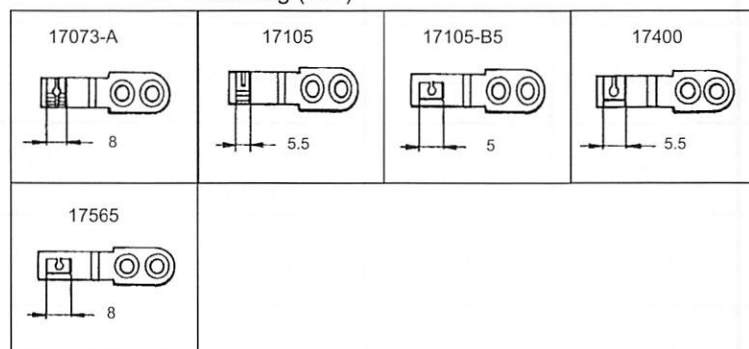
B TYPE

For H series

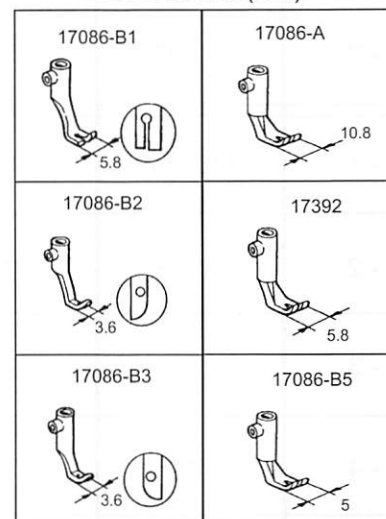
H - Needle plate (mm)



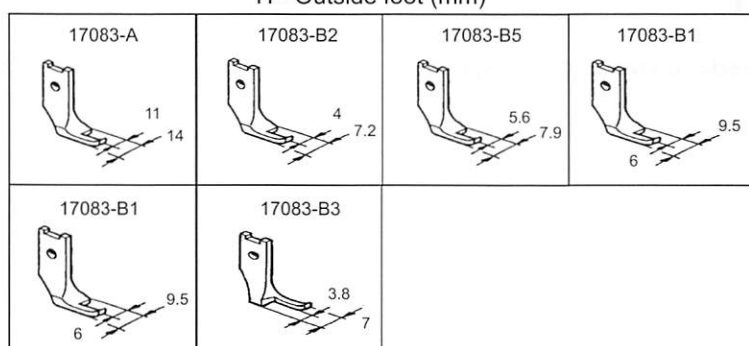
H - Feed dog (mm)



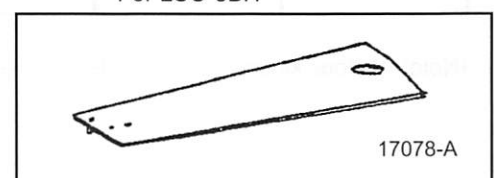
H - Inside foot (mm)



H - Outside foot (mm)



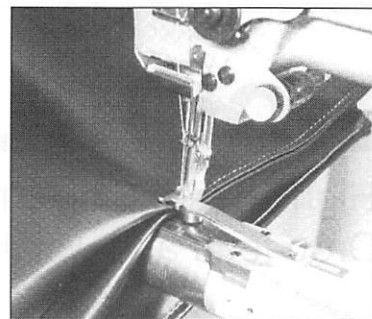
For LSC-8BH



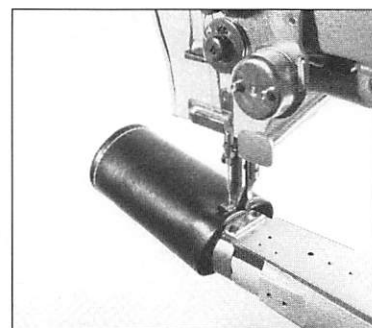
※ When using gauge parts in H series, the upper plate (No.17078-A) for LSC-8BH is to be used for LSC-8BV.

Features

- Narrow cylinder bed 1-13/16"(46 mm) dia.
* Large hook machines : 1-31/32"(50 mm) dia.
- Semi-automatic lubrication system.
- Horizontal axis hook (standard or large capacity hook).
- Reverse stitching.
- Thread trimmer. (-8BHC)
- Compound feed and walking foot mechanism assures even feeding of several piles or of slippery materials.
- Synchronzied binder. (-8BV-1, -8BLV-1)
- Automatic back tack (BT) and foot lift (FL) available.
- Various gauge sets available.



LSC-8B-1



Specifications (LSC-□)

Variety		8B-1	8BV-1	8BL-1	8BLV-1	8BLH-1	8BHC
Number of needle		Single needle					
Max. sewing speed		2,300(s.p.m.)	2,500(s.p.m.)	2,200(s.p.m.)			2,500(s.p.m.)
Max. stitch length		15/64" (6 mm)		9/32" (7 mm)		15/64" (6 mm)	
Clearance under presser foot	by pedal	33/64" (13 mm)					33/64" (13 mm)
	by hand	5/16" (8 mm)					9/32" (7 mm)
Needle bar stroke		1-5/16" (33.2 mm)					
Needle(standard)		DPx17 (#18) 135x17 (#110)	DPx17 (#16) 135x17 (#100)	DPx17 (#18) 135x17 (#110)	DPx17 (#16) 135x17 (#100)		DPx17 (#18) 135x17 (#110)
Thread		#20 (standard)	#30 (standard)	#20 (standard)	#30 (standard)		#20 (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					
Cylinder size		1-13/16" (46 mm) dia.		1-31/32" (50 mm) dia.			1-13/16" (46 mm) dia.
Working space		10-5/32"x 4-21/64" (258 x 110 mm)					
Motor		Clutch motor					AC servo motor
Net weight(Head only)		29Kg					30Kg
Feeding system		elliptical	horizontal	elliptical	horizontal		

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



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HC/HCLH series

High speed, Single needle, Cylinder bed, Horizontal axis hook, Drop feed and walking foot, Lockstitch machines



Variety



HC-2B-1

Standard hook, reverse stitch



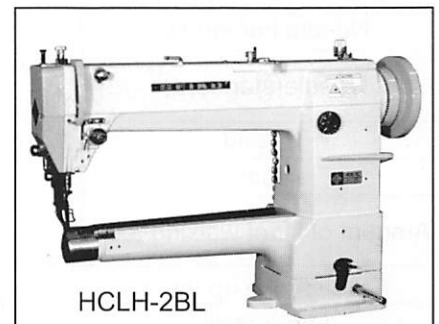
HC-2BL-1

Large hook, reverse stitch



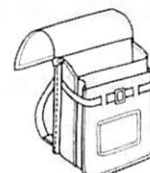
HCLH-2BL

High[5-45/64"(145 mm)] and long[14-3/8"(365 mm)] arm, large hook, reverse stitch



Applications

- For sewing light to heavy weight fabrics, leather, vinyl, synthetics, coated and laminated materials.
- Suitable for sewing tubular products with narrow openings and curved work such as handbags and sleeves.

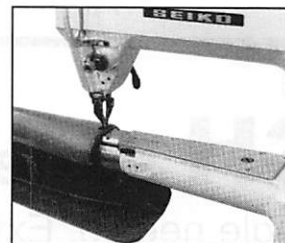


Features

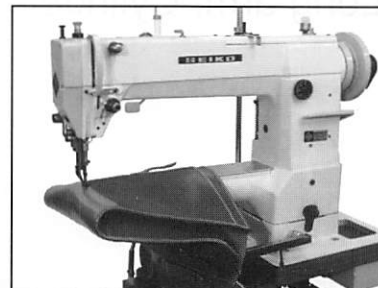
- Narrow cylinder bed. (1-13/36"/46mm diameter) (except HCLH-2BL)
- Horizontal axis rotary hook.
- Reverse stitching.
- Auto back tack (BT) and presser foot lift (FL) available.
- Built-in bobbin winder.
- Cloth plate for flat work available at extra charge. (*1)
- Special gauge parts available.

(*1)Cloth plate for flat work

In order to apply the requirement of flat work with HC/HCLH series,
cloth plate is available at extra cost.



HC-2BL-1



HCLH-2BL

Specifications (HC/HCLH-□)

Variety		HC-2B-1	HC-2BL-1	HCLH-2BL
Number of needle		Single needle		
Max. sewing speed		2,200(s.p.m.)		2,000(s.p.m.)
Max. stitch length		13/64" (5 mm)		
Clearance under presser foot	by knee	19/32" (15 mm)		19/32" (15 mm)
	by hand	21/64" (8.5 mm)		1/4" (6.5 mm)
Needle bar stroke		1-1/2" (38 mm)		
Needle(standard)		DPx17 (#18) , 135x17 (#110)		
Thread		#20 (standard)		
Hook		Horizontal axis rotary hook		
Amount of lift of walking foot		5/64"-13/64" standard 1/8" (2 - 5 mm) (standard 3.2 mm)		
Thread take up lever		Link type		
Lubrication		Semi-automatic lubrication		
Cylinder size		1-13/16"(46 mm) dia.	1-31/32"(50 mm) dia.	
Working space		10-7/16"x 4-23/32" (265 x 120 mm)	10-5/8"x 5-1/8" (270 x 130 mm)	14-3/8"x 5-45/64" (365 x 145 mm)
Motor		Clutch motor		
Net weight(Head only)		30Kg	34Kg	35Kg

NOTE

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



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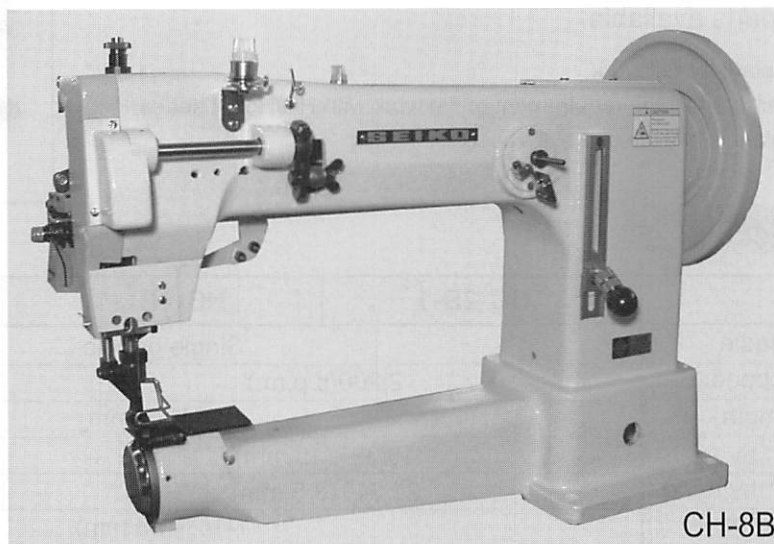
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CH series

Single needle, Extra heavy duty, Large oscillating shuttle hook, Long arm, Cylinder bed, Lockstitch machines



CH-8B

Variety



CH-6B

Drop feed, reverse stitch



CH-7B

Compound feed, reverse stitch



CH-8B

Compound feed and walking foot, reverse stitch

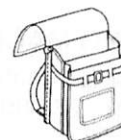


CH-8BV

Compound feed and walking foot, reverse stitch, vibrating binder

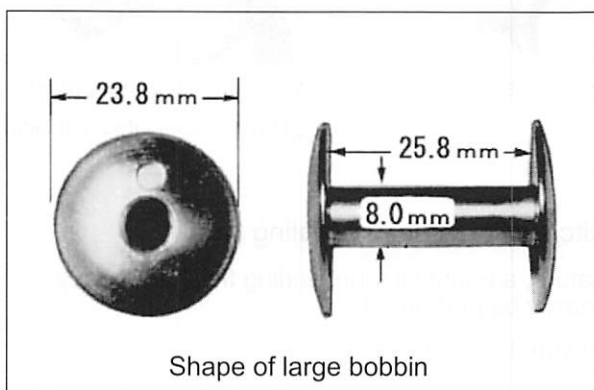
Applications

- 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.

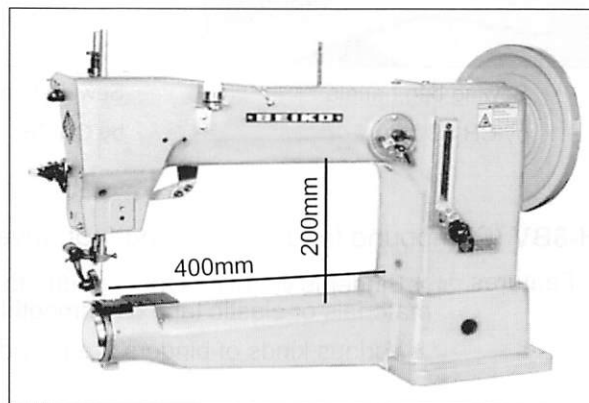


Features

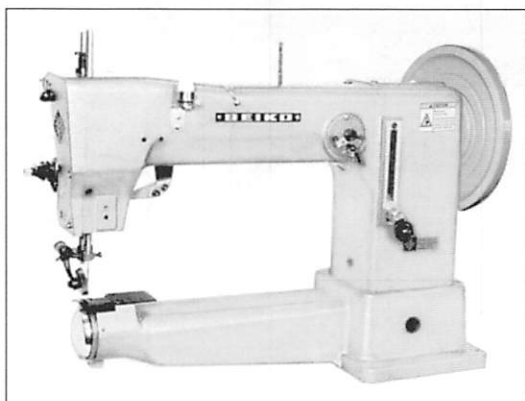
- Maximum stitch length 25/64"(10 mm)
 - * Maximum stitch length(forward&reverse)in this series is an extremely long of 10mm and will give a remarkable effect in sewing for heavy materials which require coarse stitches.
- Long arm
 - * Long arm (working space 400 mm) makes it easier to sewing works for large sized materials.
 - * In addition, attachments on the machine can easily be exchanged.
- Large hook
 - * As the machine implies a large hook, the winding volume of the lower thread is increased.
 - * Thus, the working efficiency is remarkably enhanced in the sewing for extra heavy materials and long stitch length, due to saving the time of the lower thread replacement. Further, this is the mechanism which can be attained a beautiful stitching.
- High presser lift
 - * Presser lift 20 mm by knee lifter suits for the sewing of extra heavy materials.
- Great reliability
 - * Each component parts and mechanisms are planned, selected the materials thoroughly and produced considering the durability and sewability for the heavy weight materials, without any troubles.
 - * You will be able to satisfy the sewing in the long time.
- Substantial CH series
 - * Substantial varieties (with reverse feed respectively) which are installed with needle • upper & lower, needle & lower feed, lower feed, and upper & lower feed (Capable of intermediate shirring) will meet to the various kinds of sewing needs. A cloth plate for flat work can be supplied as an optional extra. Belt guard (Optional) is available.



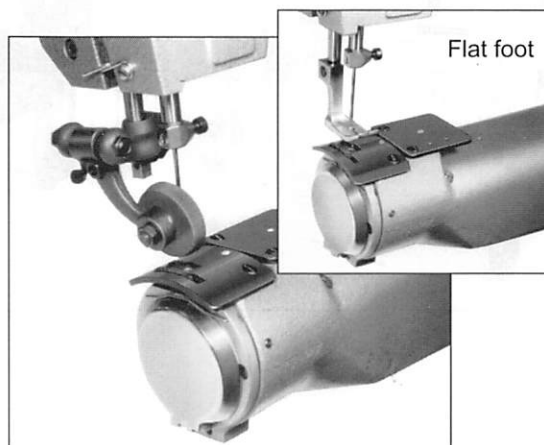
By adoption of large hook, the winding volume of lower thread is increased and due to this feature, the frequency of lower thread replacement is minimized.



The practical use of wide working space(200 × 400), high presser lift amount (20mm by knee lifter) and large hook make it possible wide application for heavy weight materials.



CH-6B



CH-6B Standard : Roller foot

CH-6B (Drop feed, reverse stitch)

Wider range works, such as taping, etc. can be done by attachments. Further, the machine makes it easy to handle the materials. (Standard : Roller foot. Flat foot is available.)

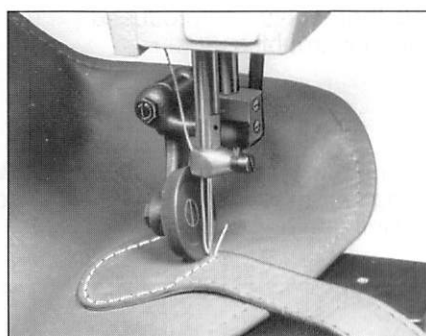
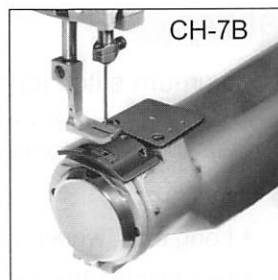
CH-7B (Compound feed, reverse stitch)

Compound feed will give a remarkable effect in sewing for heavy materials.

CH-8B (Compound feed and walking foot, reverse stitch)

Powerful and accurate feed mechanism combined with compound feed and walking foot have enhanced the sewability for heavy materials.

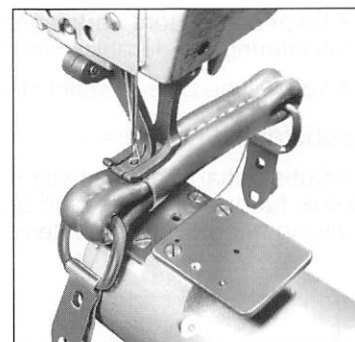
Equipped with the special gauge (optional) which has exclusively been developed by SEIKO, the sewing of the hard materials or corner sector, such as suit cases, instrumental cases, will give an attractive effect. Thus, the value of goods can greatly be heightened up.



Sewing bag handle
by CH-6B



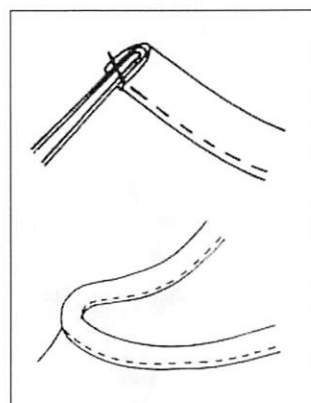
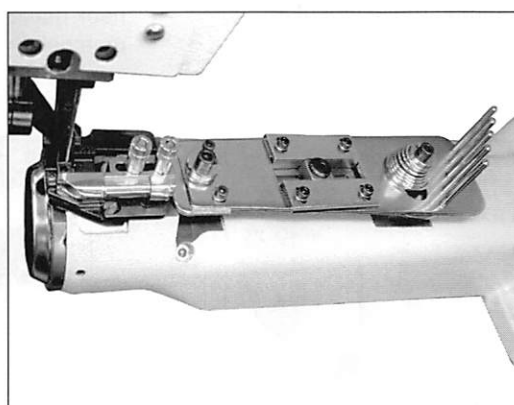
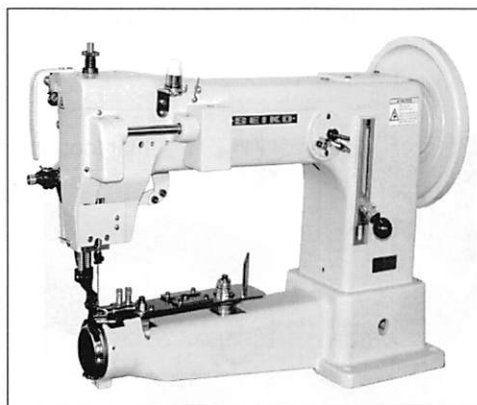
Sewing heavy thick canvas sheets
by CH-7B



Sewing heavy thick bag handle
by CH-8B of special specifications

CH-8BV (Compound feed and walking foot, reverse stitch, with binder / vibrating type)

- Features
- * Binder is vibrating type and due to this feature, a beautiful tape binding finish for heavy materials or elastic tape can smoothly and easily be performed.
 - * Various kinds of binders are provided with your requirements.



CH series

Specifications (CH□)

Variety		6B	7B	8B	8BV
Number of needle		Single needle			
Max. sewing speed		800 s.p.m.			700 s.p.m.
Max. stitch length		25/64" (10 mm)			9/32" (7 mm)
Clearance under presser foot	by knee by hand	25/32" (20 mm) 25/64"(10 mm)		63/64"(25 mm) 25/64"(10 mm)	3/4"(19 mm) 5/16"(8 mm)
Needle bar stroke		2" (51 mm)		2-13/64"(56 mm)	
Needle(standard)		DDx1(#25) 328(#200)	DDx1(#24) 328(#180)	DYx3 (#24) 794(#180)	
Hook		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		23-5/8"x 3-15/64" (600 x 82 mm)			
Cylinder size		3-15/64" (82 mm) dia.			
Working space		15-3/4"x 7-7/8" (400 x 200 mm)			
Motor		Clutch motor			

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



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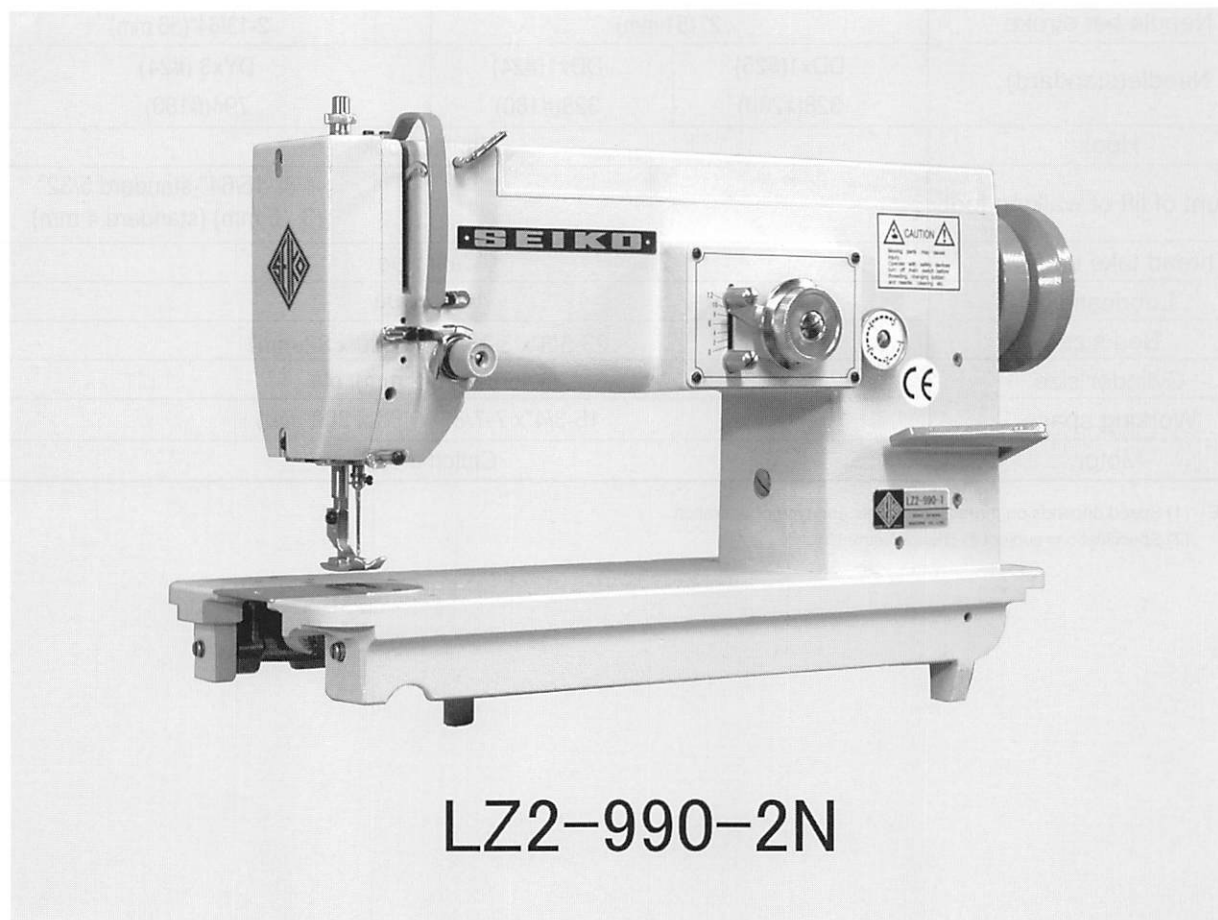
E-mail : export@seiko-sewing.co.jp

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LZ2-990 series

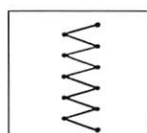
Single needle, Light to medium duty, Large vertical axis hook, Drop feed(Upper & lower feed), Zig-zag stitch(Lockstitch)machine



LZ2-990-2N

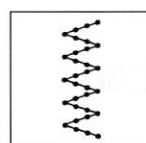
Variety

2-point(1-step) zig-zag



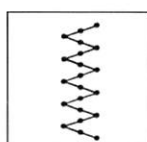
LZ2-990-2N
(LZ2-992-2N)
reverse stitch

4-point(3-step) zig-zag



LZ2-990-4N
(LZ2-992-4N)
reverse stitch

3-point(2-step) zig-zag



LZ2-990-3N
(LZ2-992-3N)
reverse stitch

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 vertical axis rotary hook
- Extra wide zig-zag
- 20 & 30 inches long arm models are available
- Twin needle machine is available on request

Upper & lower feed model

- LZ2-992-2N
- LZ2-992-3N
- LZ2-992-4N

Specifications

Variety	LZ2-990 series	LZ2-992 series
Number of needle	Single needle	
Max. sewing speed	2,800 r.p.m.	2,500 r.p.m.
Max. stitch length	5.0 mm	
Zig-Zag width	0~10 mm	
Clearance under presser foot	by knee	9.0 mm
	by hand	8.0 mm
Needle	DP x 17 (#19)	
Thread	#30 (standard)	
Hook	Large vertical axis hook	
Lubrication	Semi automatic	
Bed size	477mm x 177 mm	
Working space	258mm x 110 mm	
Net weight (Head only)	28Kg	
Motor	Clutch motor	

NOTE

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



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SKZ series

Single needle, Heavy duty, Extra large horizontal axis hook, Drop feed, Zig-zag stitch(lockstitch)machines



SKZ-6-4

Variety

2-point(1-step) zig-zag



SKZ-6



SKZ-6R
cloth puller



SKZ-6B
reverse stitch



SKZ-6BR
reverse stitch, cloth puller

3-point(2-step) zig-zag



SKZ-6-3



SKZ-6R-3
cloth puller



SKZ-6B-3
reverse stitch



SKZ-6BR-3
reverse stitch, cloth puller

4-point(3-step) zig-zag



SKZ-6-4



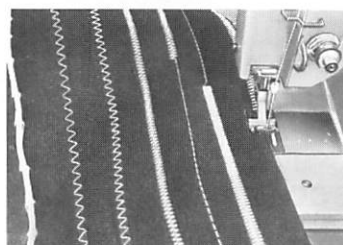
SKZ-6R-4
cloth puller



SKZ-6B-4
reverse stitch



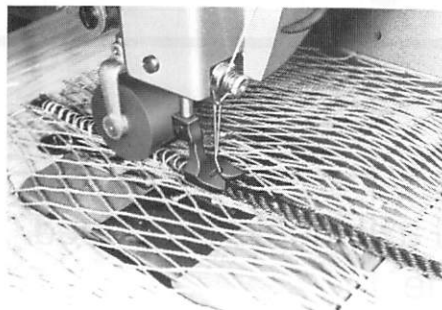
SKZ-6BR-4
reverse stitch, cloth puller



SKZ-6

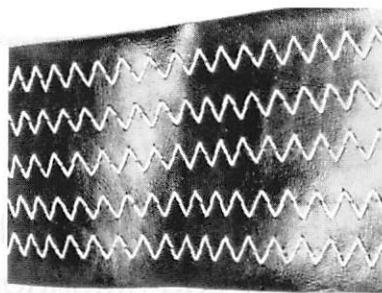
From wider zig-zag stitch to straight stitch

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



SKZ-6R 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-6-3 Suit for sewing elastic and stretching materials

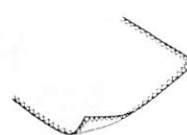
Three steps zig zag stitching suitable for sewing elastic and stretching materials on foundation. (Sewing type 308)

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.

Features

- Suitable for ultra heavy materials
- Puller performs accurate feed for ultra heavy materials (-??R)
- Large horizontal axis rotary hook
- Extra wide zig-zag
- Cording foot available
- 2 point and 3point can easily changing by lever (optional)



Specifications (SKZ-□)

Variety	-6	-6R / -6B / -6BR / -6-3 / -6R-3 / -6B-3 / -6BR-3 / -6-4 / -6R-4 / -6B-4 / -6BR-4
Number of needle	Single needle	
Max. sewing speed	1,200 s.p.m.	1,000 s.p.m.
Max. stitch length	19/64" (7.5 mm)	
Clearance under presser foot	by knee	7/16" (11 mm)
	by hand	25/64" (10 mm)
Needle bar stroke	2" (50.8 mm)	
Needle	DD x H14 (#25)	
Thread	#5 (standard)	
Hook	Extra large horizontal axis hook	
Thread take up lever	Link type	
Lubrication	Hand type	
Bed size	20-33/64"x 9-59/64" (521 x 252 mm)	
Working space	10"x 7-43/64" (254 x 195 mm)	
Motor	Clutch motor	

NOTE

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



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SKZ-2B

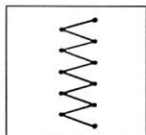
Single needle, Heavy duty, Extra large horizontal axis hook, Drop feed and walking foot, Zig-zag stitch(lockstitch)machine



SKZ-2B

Variety

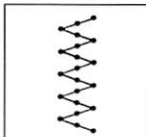
2-point (1-step) zig-zag



SKZ-2B

reverse sstitch

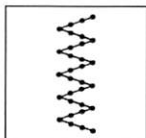
3-point (2-step) zig-zag



SKZ-2B-3

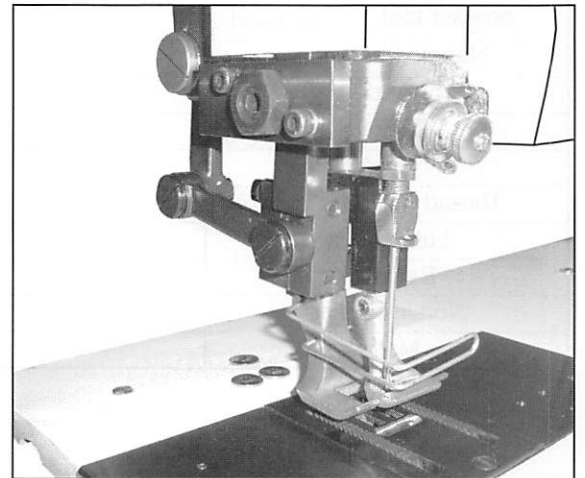
reverse stitch

4-point (3-step) zig-zag



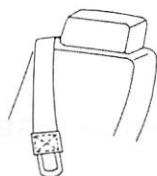
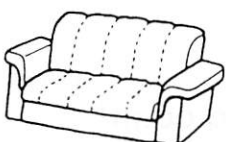
SKZ-2B-4

reverse stitch



**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

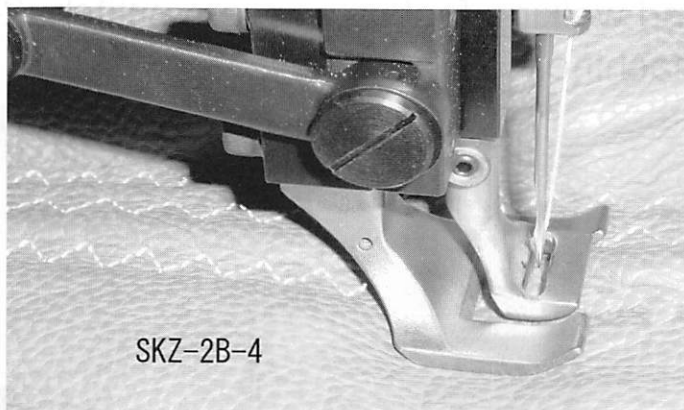


Applications

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

Features

- Suitable for heavy materials
- Large horizontal axis rotary hook
- Extra wide zig-zag
- 2 point and 3 point can easily changing by lever (optional)



Specifications (SKZ-□)

Variety	2B	2B-3 / 2B-4
Number of needle	Single needle	
Max. sewing speed	1000 s.p.m.	
Max. stitch length	19/64" (7.5 mm)	5/32"(4 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)
Needle bar stroke	2" (50.8 mm)	
Needle	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	3.0mm~6.0mm, 7/32" (Standard 5.5 mm)	
Bed size	20-15/32"x 9-27/32" (520 x 250 mm)	
Working space	10"x 7-43/64" (254 x 195 mm)	
Net weight (Head only)	55Kg	
Motor	Clutch motor	

NOTE

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



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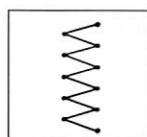
SKZ-2B-2/3

Single needle, Heavy duty, Extra large horizontal axis hook, Drop feed and walking foot with reverse stitch, 2-point & 3-point Zig-zag lockstitch machine

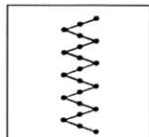


SKZ-2B-2/3

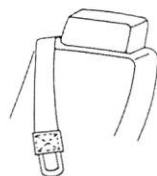
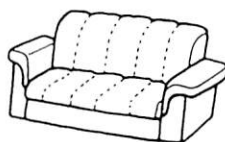
2-point(1-step)
zig-zag



3-point(2-step)
zig-zag



2-point/3-point changing lever

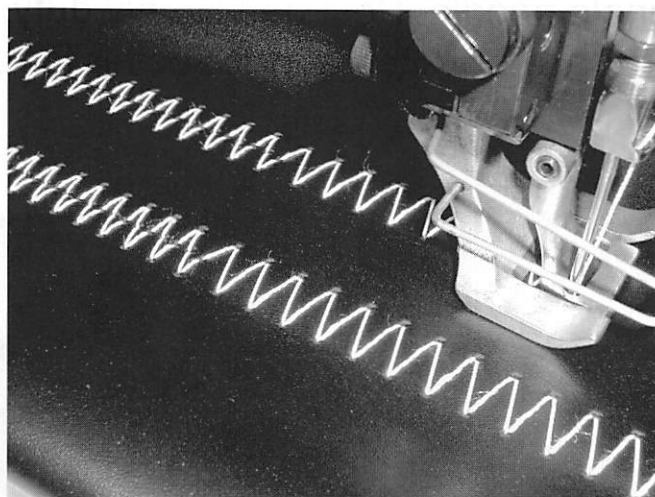


Applications

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

Features

- Suitable for heavy materials
- Large horizontal axis rotary hook
- Extra wide zig-zag
- 2 point and 3 point can easily changing by lever



Specifications (SKZ-□)

Variety		2 point	3 point
Number of needle		Single needle	
Max. sewing speed		1000 s.p.m.	
Max. stitch length		19/64" (7.5 mm)	5/32"(4 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)	
Needle bar stroke		2" (50.8 mm)	
Needle		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		3.0mm~6.0mm, 7/32" (Standard 5.5 mm)	
Bed size		20-15/32"x 9-27/32" (520 x 250 mm)	
Working space		10"x 7-43/64" (254 x 195 mm)	
Net weight (Head only)		58Kg	
Motor		Clutch motor	

NOTE

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



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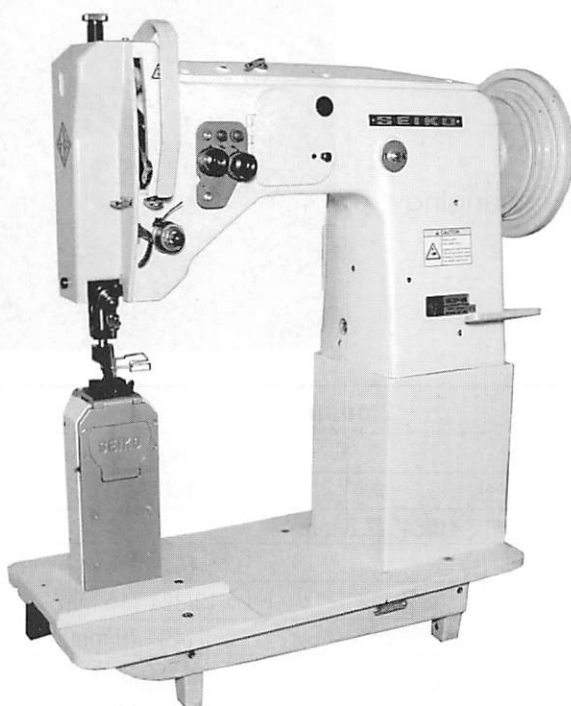
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SKZP series

Single needle, Post bed Heavy duty, Extra large horizontal axis hook, Drop feed & Alternating Presser foot, Zig-zag stitch(lockstitch)machines



SKZP-2B-3

Variety

2-point(1-step) zig-zag



SKZP-2B

2 point (1-step) Zig-Zag with reverse stitch

3-point(2-step) zig-zag



SKZP-2B-3

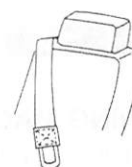
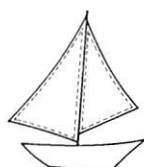
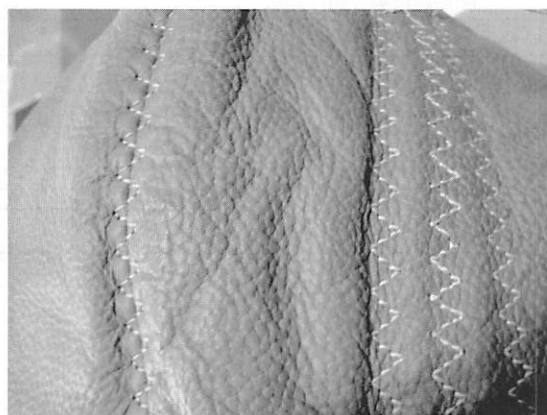
3 point (2-step) Zig-Zag with reverse stitch

4-point(3-step) zig-zag



SKZP-2B-4

4 point (3-step) Zig-Zag with reverse stitch



Applications

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

Features

- Suitable for heavy materials
- Height of post bed is 8-5/64"(205mm)
- Large horizontal axis rotary hook
- Extra wide zig-zag



Specifications (SKZP-□)

Variety		2B / 2B-3 / 2B-4
Number of needle		Single needle
Max. sewing speed		800 s.p.m.
Max. stitch length		15/64" (6 mm)
Zig-Zag width		1/2" (12.7 mm)
Clearance under presser foot	by knee	13/32" (10 mm)
	by hand	11/32" (9 mm)
Needle bar stroke		2" (50.8 mm)
Needle		DD x H14 (#25)
Thread		#5 (standard)
Hook		Extra large horizontal axis hook
Amount of presser foot lift		7/32" (5.5 mm)
Thread take up lever		Link type
Lubrication		Hand type
Height of post bed		8-5/64" (205 mm)
Bed size		20-33/64"x 9-59/64" (521 x 252 mm)
Working space		10-35/64"x 15-25/64" (268 x 391 mm)
Net weight (Head only)		66Kg
Motor		Clutch motor

NOTE

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



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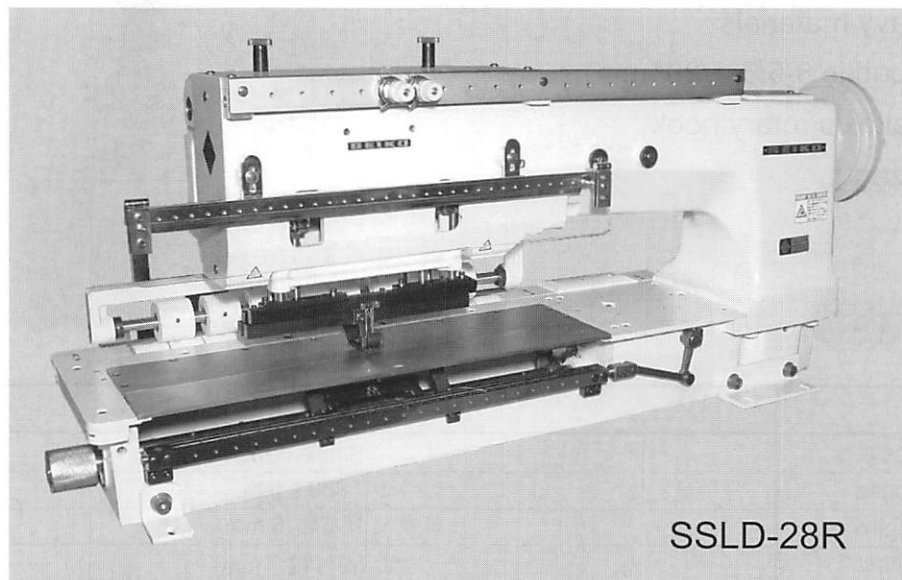
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SSLD series

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)

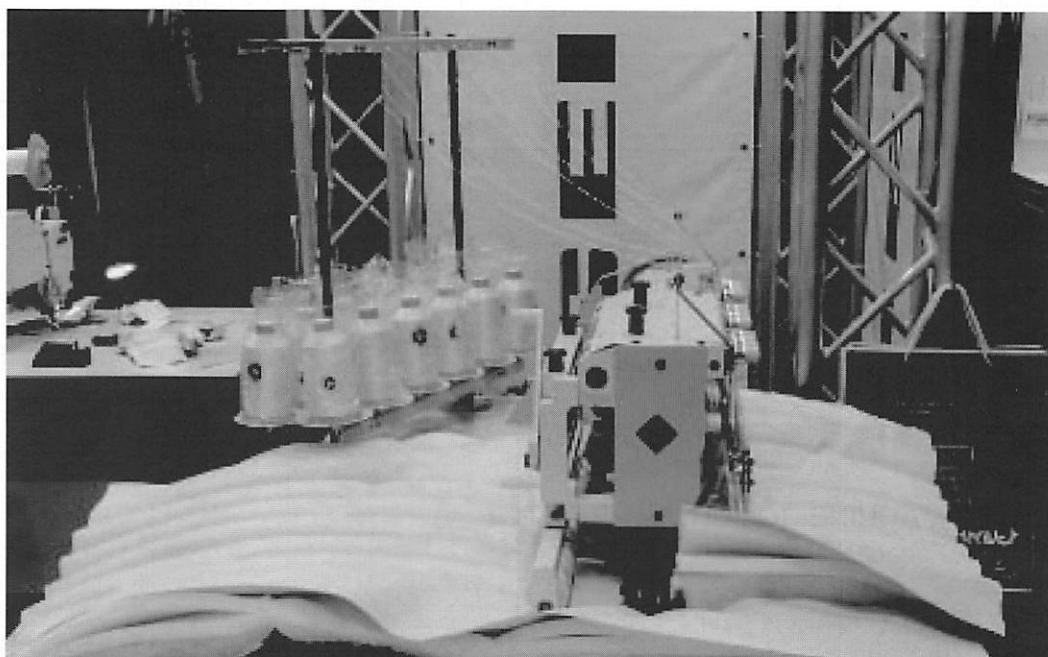
Compound feed and walking foot, clutch driven puller feed



SSLD-1□8R (10~18 needles)

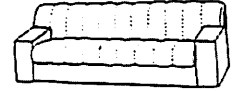
Compound feed and walking foot, clutch driven puller feed

* 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
 - Wide range of needle gauges available. From 2 to 18 (Max. needle gauge width 18 inch / 460 mm)
- * Please indicate us needle gauge size of each needle and overall length when ordering.

Specifications (SSLD-□)

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 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)
Motor	Clutch motor

NOTE

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



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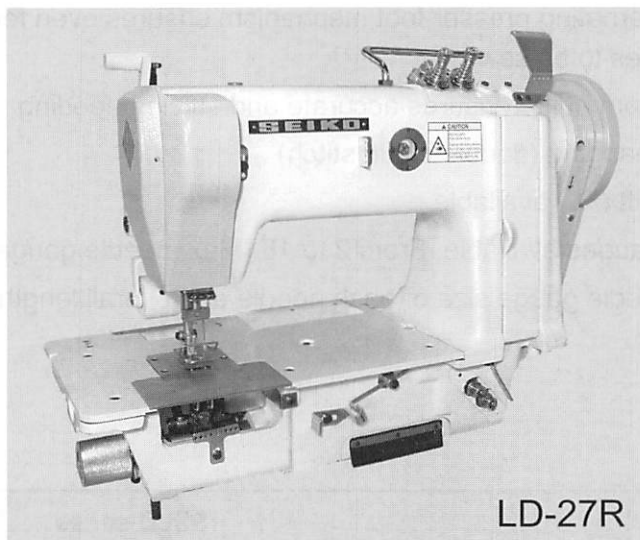
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LD series

High speed, Full automatic lubrication, Flat bed,
Double chain stitch machines



LD-27R

Variety



Compound feed



LD-7
Single needle



LD-27
Two needle



LD-37
Three needle



LD-47
Four needle



LD-57
Five needle



LD-67
Six needle



Compound feed and walking foot



LD-8
Single needle



LD-28
Two needle



LD-38
Three needle



LD-48
Four needle



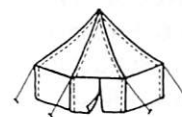
LD-58
Five needle



LD-68
Six needle

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

- Full automatic lubrication with recirculating pump.
- Simplified looper throw-out.
- Easy accessibility for threading loopers.
- No bobbin winding or changing (double chain stitch)
- Attachments easily installed.
- Coarse stitch(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	1~6 needle	1~6 needle
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	Full 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)	
Motor	Clutch motor	
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

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

Note: (1) Other needle gauges are available within 3/16" to 2" at extra cost.
(2) 3 to 6 needle machines are available on request at extra cost.
Overall gauge size should be within 60mm.



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LDA series

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



LDA-T26-1

Variety



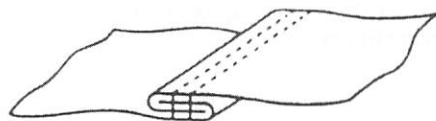
LDA-L26-1

Two needle, for light weight materials



LDA-T26-1

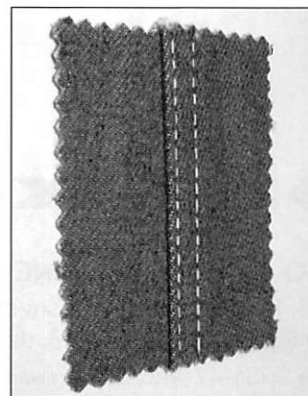
Two needle, for heavy weight materials



LDA-T26-1

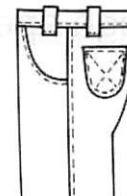


LDA-T26-1



Applications

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



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	7/16" (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) TVx3 (#130)
Thread	#40 (standard)	#20 (standard)
Lubrication	Full automatic type	
Motor	Clutch motor	

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	
L26-1	3/16"(4.8mm) , 1/4"(6.4mm) standard 1/4"(6.4mm)	
T26-1		



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DN series

High speed, Flat bed, Double chainstitch machines



DN-8-AP

Variety



DN-8-AP

Compound feed and walking foot, with pneumatic pressure control



DN-8R-AP

Compound feed and walking foot, with pneumatic pressure control, clutch driven puller feed



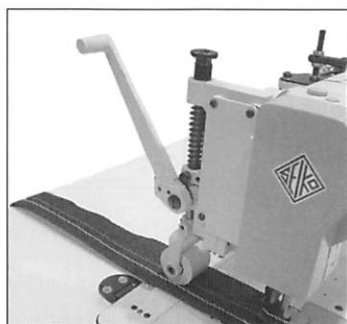
DN-28-AP

Compound feed and walking foot, with pneumatic pressure control

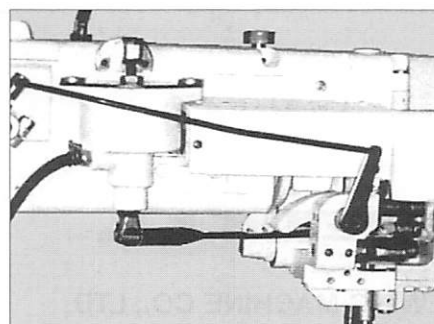


DN-28R-AP

Compound feed and walking foot, with pneumatic pressure control, clutch driven puller feed



Clutch driven puller feed mechanism



Presser by pneumatic pressure (AP)

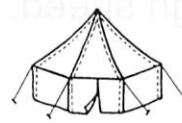
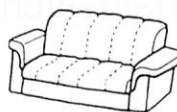
Pneumatic pressure assures constant stitching even for heavy duty materials.

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

- Semi-automatic lubrication system
- Reduced noise level
- Easy accessibility for threading loopers
- Stitch lengths adjusted by needle feed and drop feed motions separately
- No bobbin winding or changing(double chain stitch)
- Compound feed and walking foot mechanism ensures even feeding of article being sewn



Specifications (DN-□)

Variety	8-AP	8R-AP	28-AP	28R-AP
Number of needle	Single needle		Two needle	
Max. sewing speed	3,500 s.p.m.			
Max.stitch length	19/64" (7.6 mm)			
Clearance under presser foot	7/16" (11 mm)			
Needle bar stroke	1-7/16" (36.5 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	3/64"-13/64" standard 3/32" (1 - 5 mm) (standard 2.5 mm)			
Lubrication	Semi-automatic 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)			
Motor	Clutch motor			
Net weight(Head only)	42Kg	47Kg	42Kg	47Kg

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

Gauge size(Two needle)

1/4"(6.4mm)	3/4"(19.1mm) Standard
-------------	-----------------------

- 3/16"to 2 inch gauge size available in special order.
- Compound feed and walking foot type available in flat bed (LD series,1-2-3-4-5-6 needle)



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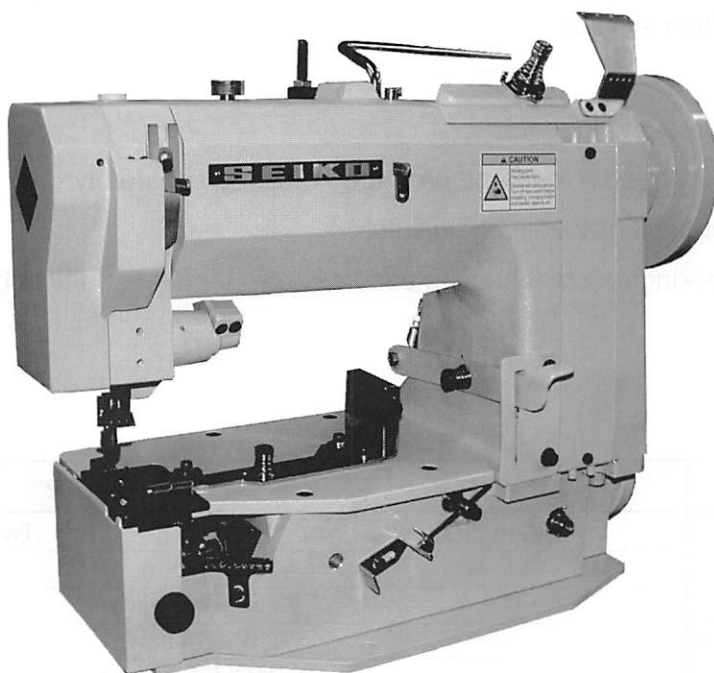
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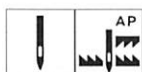
DN-8E-AP

High speed, Double chainstitch Binding Edge Sewing machines



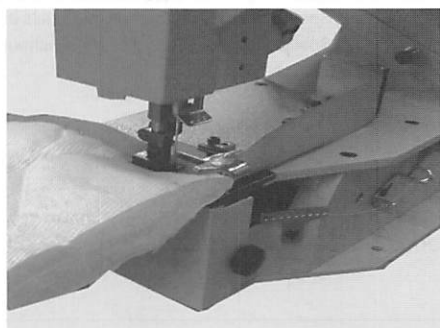
DN-8E-AP

Variety

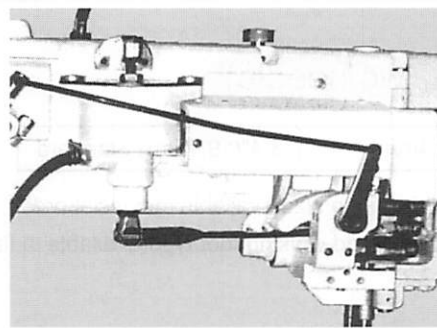


DN-8E-AP

Compound feed and walking foot, with pneumatic pressure control



Tape binding



Presser by pneumatic pressure (AP)

Pneumatic pressure assures constant stitching even for heavy duty materials.

Features

- Semi-automatic lubrication system
- Reduced noise level
- Easy accessibility for threading loopers
- Stitch lengths adjusted by needle feed and drop feed motions separately
- No bobbin winding or changing(double chain stitch)
- Compound feed and walking foot mechanism ensures even feeding of article being sewn

Specifications

Variety	DN-8E-AP
Number of needle	Single needle
Max. sewing speed	3,500 s.p.m.
Max.stitch length	19/64" (7.6 mm)
Clearance under presser foot	9/32" (7 mm)
Needle bar stroke	1-7/16" (36.5 mm)
Clearance from Bed edge to needle	1/4" (6.0 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	3/64"-13/64" standard 3/32" (1 - 5 mm) (standard 2.5 mm)
Lubrication	Semi-automatic type
Bed size	20-25/64"x 6-31/32" (405 x 177 mm)
Working space	10-5/8"x 5-5/16" (270 x 125 mm)
Motor	AC Servo motor
Net weight(Head only)	38.5Kg

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



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DCN series

High speed, Cylinder bed, Double chain stitch machines



DCN-27

Variety



Compound feed



Needle and gear driven puller feed



DCN-7
Single needle



DCN-25R
Two needle



DCN-27
Two needle



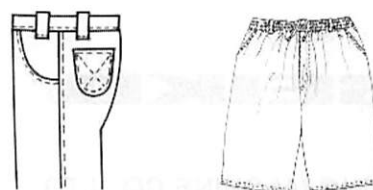
DCN-45R
Four needle



DCN-47
Four needle

Applications

- Banding on work clothes, jeans and inserting elastic on bathing trunks, sports clothes, boxer shorts and similar tubular articles, etc.



Features

- Semi-automatic lubrication system.
- Reduced noise level.
- Two individual adjustable upper puller feed rolls (-25R/-45R).
- Close-coupled gear driven puller feed with needle feed (-25R/-45R).
- Stitch lengths adjusted by needle feed and drop feed motions separately (-7/-27/-47).
- Cylinder bed for tubular work.
- Flat bed machines available (LD series).

Specifications (DCN□□)

Variety	7	27	47	25R	45R
Number of needle	Single needle	Two needle	Four needle	Two needle	Four needle
Max. sewing speed	4,000(s.p.m.)				
Max. stitch length	1/4" (6.4 mm)			7/64" (2.8 mm)	
Clearance under presser foot	5/16" (8 mm)				
Needle bar stroke	1-1/4" (31.8 mm)				
Needle(standard)	DVx57 (#22) , 62x57 (#140)				
Thread	#30 (standard)				
Thread take up lever	Needle bar type				
Lubrication	Semi-automatic type				
Cylinder size	3-15/16"x 5-1/8"x 4-7/8" (100 x 130 x 124 mm)				
Working space	10-5/8"x 5-5/16" (270 x 135 mm)				
Motor	Clutch motor				
Net weight(Head only)	47Kg			52Kg	

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
27 , 25R	standard : 1-3/8"(34.9 mm)
47 , 45R	standard : 1/4"-1"-1/4"(6.4-25.4-6.4 mm)

NOTE: 3/16"(4.8 mm) to 2"(50.8 mm) gauge size available at extra charge



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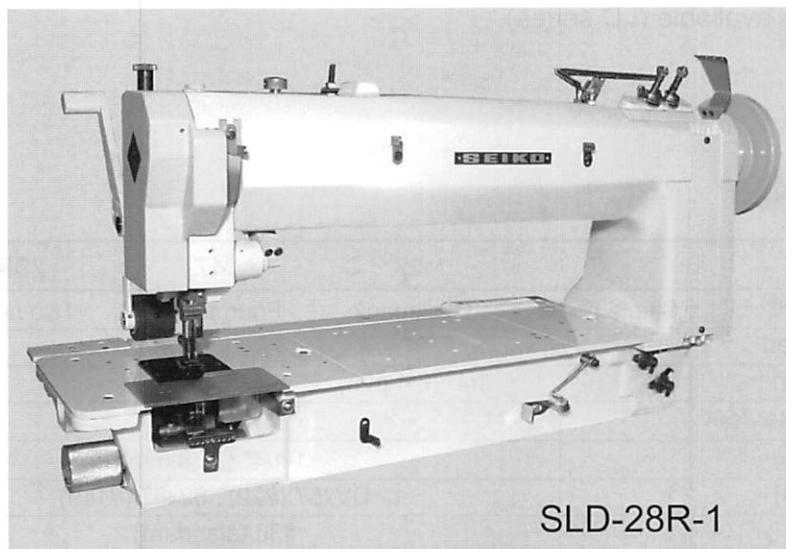
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SLD series

Heavy duty, Long arm, Compound feed and walking foot, Clutch driven puller feed, Double chain stitch machine



SLD-28R-1

Variety



SLD-28R-1

Compound feed and walking foot, with pneumatic pressure control, clutch driven puller feed



SLD-38R-1

Compound feed and walking foot, with pneumatic pressure control, clutch driven puller feed

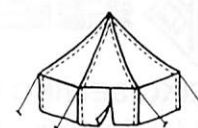


SLD-48R-1

Compound feed and walking foot, with pneumatic pressure control, clutch driven puller feed

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

- 20 inches long arm
- Presser pressure by pneumatic
- Easy accessibility for threading loopers
- Stitch lengths adjusted by needle feed and drop feed motions separately
- No bobbin winding or changing(double chain stitch)
- Compound feed mechanism ensures even feeding of article being sewn

Specifications (SLD-□)

Variety	28R-1	38R-1	48R-1
Number of needle	Two needle	Three needle	Four needle
Max. sewing speed	2,500 s.p.m.		
Max. stitch length	19/64" (7.6 mm)		
Clearance under presser foot	7/16" (11 mm)		
Needle bar stroke	1-7/16" (36.5 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	3/64"-13/64" standard 3/32" (1 - 5 mm) (standard 2.5 mm)		
Lubrication	Semi-automatic type		
Bed size	30-25/64"x 6-31/32" (772 x 177 mm)		
Working space	20-43/64"x 5-5/16" (525 x 135 mm)		
Motor	Clutch motor		

NOTE

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

Gauge size (Max gauge size is 2-inches)

SLD-28R-1	1/4" , 5/16" , 3/8" , 1/2" (Other gauge size available in special order)
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HVP-70 series

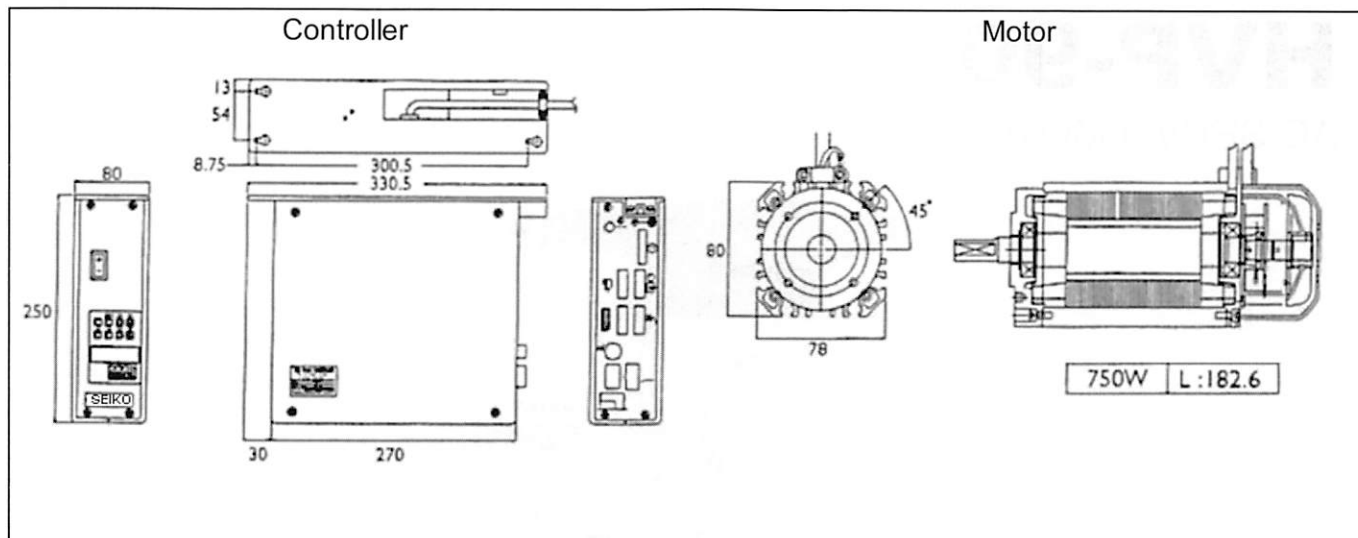
AC Servo Motor for "SEIKO" machine



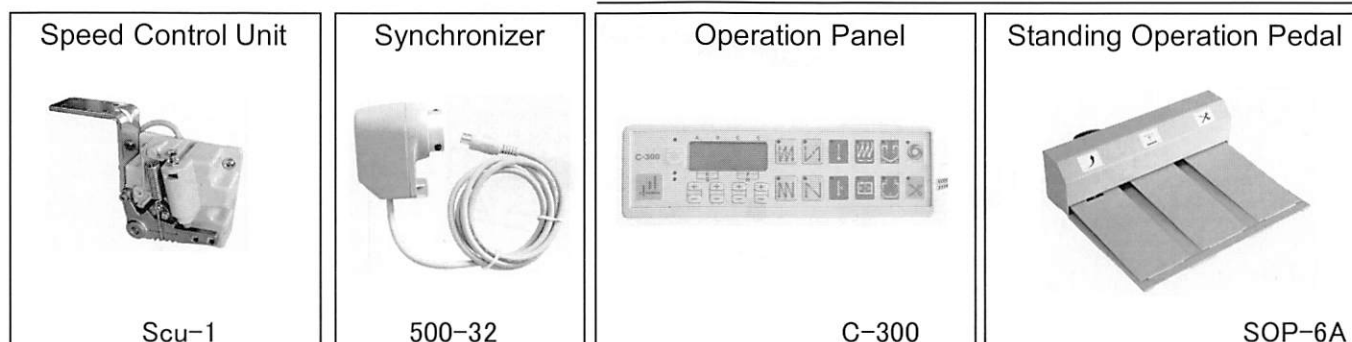
Features

- 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.)
- 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.
- C300 operation panel with computer RS232C interface, the control box can program from computer.
- 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)
- Can direct drive.
- Easy to maintain through error cord display.

Dimension



Option Parts



Specification

Rated speed (r.p.m)	3,500	2,500
Rated torque (N·m)	2.05	2.86
Rated output (W)	750	
Power voltage range (V)	100-120 / 200-240	
Pulley size available (mm)	55-85	
Gross weight (Kg)	10.9	
Packing dimension (mm)	400L X 350W X 320H	

Feature

- Needle up/down
- Slow start
- Presser foot lifter
- Trimmer
- Automatic backtacking
- Climbing device, dual stitching device
- Edge sensor input
- DC12V lamp output



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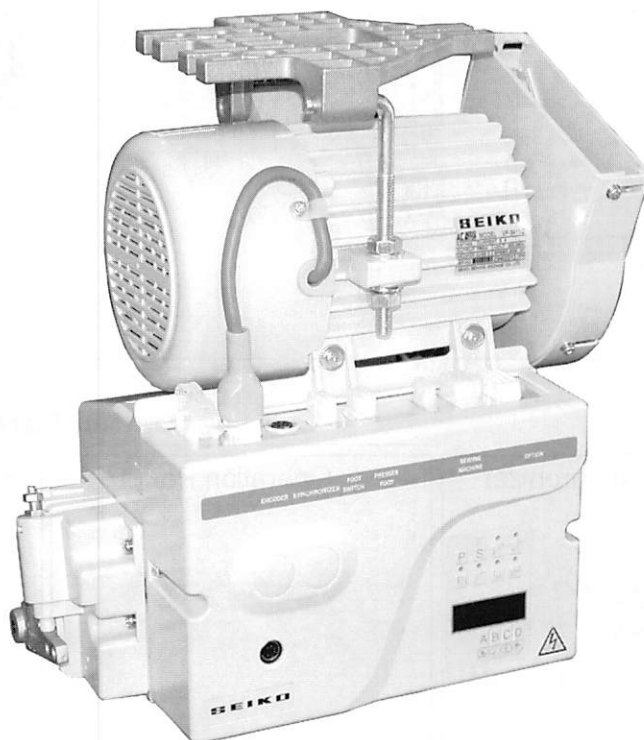


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HVP-90

AC SERVO MOTOR

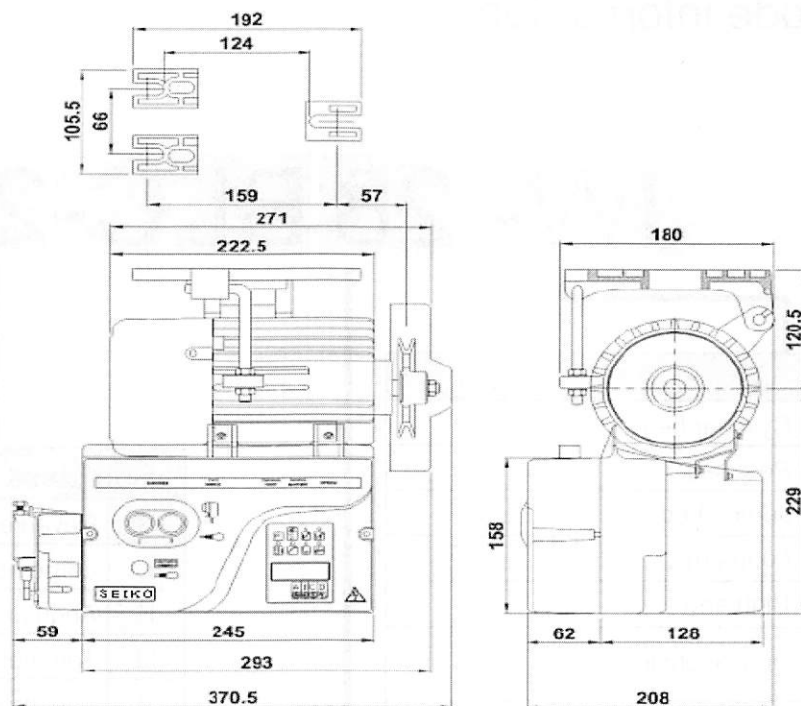


Features

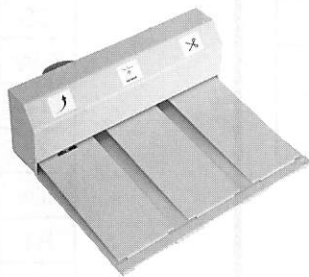
- Simple and easy to use for "SEIKO" extra heavy duty machines.
- Stable stopping accuracy.
- Low noise, low vibration and low power consumption.
- Specification matched the "CE" standard.
- Multi-Positioning mode.
- Parameter setting is available from the operation panel(C-60M only). linkable to PC.
- Solenoid over current protector.
- Software/Hardware 2-way protection system.
- Easy to maintain with the Error code display.

HVP-90 series

Dimension

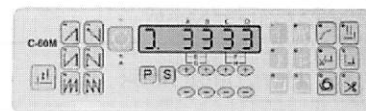


Synchronizer
500-32

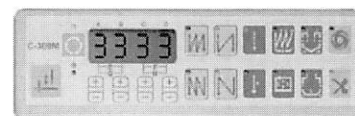


Standing operation pedal
SOP-6A (Option)

Operation panel



High performance C-60M (Option)



Standard C-300M (Option)

Specification

Rated speed(r.p.m)	2,000
Rated output(W)	750
Power voltage range(V)	100-120 / 200-240
Pully size available(mm)	65-130 (standard 65)
Net/Gross weight(Kg)	10/14
Packing dimension(mm)	424L X 424W X 355H

Feature

- Auto pressr foot lift
- Thread trimmer
- Auto back tack
- Climbing device
- Dual stitching device



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Model code information

JW- 28 BLC-20-BTFL

Model	
C□	Cylinder bed
P□	Post bed
J□	Jumbo bed
□L□	Long arm
□□□H	High arm
□□ □D	Double chain stitch
□□Z	Zig-zag stitch
□□ □□	Automatic lubrication
B□□	Sealed anti-friction bearing
□H	Vertical hook
□W □□W	Horizontal hook

Sub class	
B	Reverse
L	Large hook
K	Angular stitch
M	Trimmer
V	Synchronized binder
R	Cloth puller
F	Alternating foot
CS	Coarse stitch
GW	Wheel feed with driven roller foot
G	Wheel feed
C	Thread trimmer
TA	Thick thread
BT	Auto back tack
FL	Auto presser lifter
MF	Front knife
H	Horizontal lower feed
LP	Left post
10	10 inch arm
20	20 inch arm
30	30 inch arm

Feed	
1	Free feed
2	Upper & lower feed
6	Lower feed
7	Lower & needle feed
8	Compound feed & walking foot

Needle	
□	Single needle
2□	Two needles
3□	Three needles
4□	Four needles



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