

# Find your Solution

General Sewing Machine Catalog





**SunStar** Keeps moving ahead  
claim the global top positon.



# Message from **CEO**

We would like to extend our gratitude to the people of the sewing industry for being our good customers and encouraging us all the time.

In the fast-changing 21st century, SunStar desires to return to the global sewing and embroidery industries by achieving dramatic innovations in technology and organization, thereby ensuring their continuous growth and development.

We will further enhance product quality and obtain a global leading mechanism with outstanding creativity. We will also build an innovative customer satisfaction-oriented service system which is available anywhere around the world. With the 21st century leadership, we will actively support your business to grow and prosper.

We appreciate your sincere interest in and support for SunStar and wish sustained development of your sewing and embroidery business.

Thank you.



# Sewing Machine Contents

## [ Items ]

Knit Process	08
Woven Process	09
Jean Process	10
Car Seat / Sofa Process	11
Shoes Process	12
Air Bag Process	13
Cap Process	14
Bag Process	15

## [ Lock Stitch ]

### Electronically Controlled - Pattern

- SPS/E-5050/8050	17
- SPS/C-5050H/8050H, SPS/E-3020/2516	18
- SPS/A-5030HS/3020HS, SPS/E-1507	19
- SPS/A(B)-2516, SPS/A(B)-1306HS/1507HS	20
- SPS/A(B)-1811/2211, SPS/D-B1254/B1263	21
- SPS/D-BR1254/BR1263	22

### Electronically Controlled - Bartack

- SPS/E-BR(S)-1201, SPS/E-BS(R)1202, SBF20	23
- SPS/C(D)-B1201, SPS/C(D)-B1202	24
- SPS/C(D)-B1201M(HP), SPS/C(D)-B1201M(HPII)	25
- SPS/D-B1201M(HE), SPS/D-B1201M(BA)	26

### Electronically Controlled - Button Hole

- SPS/E-BH3100	27
- SPS/E-BH6100	28
- SPS/D-BH3000, SPS/D-BH6000	29

### Electronically Controlled - ZigZag

- KM-2070P, KM-2070	30
---------------------	----

### Electronically Controlled - Special Machine

- SPS/S-60200, SJS/A-PS/A	31
- SJS/A-BA2, SPS/S-CV2	32

### Bottom Feed

- KM-2300U, 2310U, KM-250	33
- KM-235, KM-506	34
- KM-815/825, KM-957/957SR, 967	35

### Needle Feed

- KM-360J, KM-350	36
- KM-1750U, KM-1790U	37

- KM-757, KM-797	38
- KM-817B/827B, KM-530	39
- KM-857, KM-867	40

### Upper & Lower Feed

- KM-640UBL, KM-340BL, 341BL	41
------------------------------	----

### Unison Feed

- KM-1070BLX/1072BLX, KM-1080BL/1082BL	42
- KM-570BL/572BL, KM-560	43
- KM-591BL-7, KM-390	44
- KM-380, KM-1060BL/1062BL	45

## [ Chain Stitch ]

### Interlock

- SC7200/7310, 7210/7310	47
- SF7400/7500	48
- SS7350, SC7900	49

### Overlock

- SC(T)9200/9300	50
------------------	----

### Double Chain

- SC8100J, SC810J	51
- SC8200J, SC8300A/8302A	52

## [ etc. / Motor / Punching Program ]

### Etc.

- DPK-5, DPK-2/3	54
- KLZ-371, KM-76, SC-700	55

### Motor

- CLUTCH MOTOR, FORTUNA MOTOR 4/5/6/7	56
---------------------------------------	----

### Punching Program

- SSP3.0/5.0	57
--------------	----

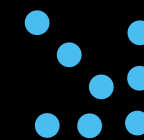
## [ W24H ]

60

## [ Overseas Network ]

62





## | Items

Knit Process	08
Woven Process	09
Jean Process	10
Car Seat / Sofa Process	11
Shoes Process	12
Air Bag Process	13
Cap Process	14
Bag Process	15



# Items

## Knit Process

- |  |  |
|--|--|
| 1 Joining shoulder<br>SC9214-03-333                                    | 10 Closing side<br>SC9214-03-333                                   |
| 2 Attaching collar to body<br>KM-506-7S                                | 11 Closing side<br>SC9214-03-333                                   |
| 3 Zigzag stitching<br>KM-2070  | 12 Closing side<br>SC-7900   |
| 4 Attaching collar tape to body<br>KM-2300USG-AK                       | 13 Closing sleeve<br>SF7500C-156G/UT-B/HE                          |
| 5 Top-stitching collar tape<br>KM-2300USG-AK                           | 14 Hemming bottom edge of sleeve<br>SC9214-03-333                  |
| 6 Top-stitching upper & under placket<br>KM-235A-7S                    | 15 Hemming bottom edge<br>SC7310C-156G/UT-B+S                      |
| 7 Sewing bottom edge of placket<br>SC9214-03-333                       | 16 Sewing buttonholes on the upper placket<br>SPS/E-BH3100K        |
| 8 Top-stitching bottom edge of placket<br>SPS/D-BR1254                 | 17 Attaching button on the upper placket<br>SPS/E-BS1202-01+SBF-20 |
| 9 Attaching upper & under placket to front body slash<br>KM-2300USG-AK | 18 Attaching upper & under placket to front body slash<br>KM-1750  |
|  | 19 Attaching upper & under placket to front body slash<br>KM-1791  |



## Woven Process

- |                 |                           |
|-----------------|---------------------------|
| 1 KM-2300UMG    | 7 SPS/D-BR1254MA          |
| 2 SPS/E-BS1201M | 8 KM-1750U/1790U          |
| 3 SPS/E-1507HS  | 9 KM-235A-7S              |
| 4 KM-235A-1     | 10 SC8200L                |
| 5 KM-2300UMG    | 11 SPS/E-BS1202-01+SBF-20 |
| 6 KM-380BLB     | 12 SPS/E-BH3100G          |
|                 | 13 KM-1750U/1790U         |
|                 | 14 KM-506-7S              |
|                 | 15 KM-530                 |
|                 | 16 SPS/E-BH6100           |
|                 | 17 KM-2070P               |











# Items

## = Jean Process

- |  |   |   |   |
|--|---|---|---|
| 1 Sewing Twin-Stitch to Hip Pocket<br>KM-1751BL-7              |    | 13 Sewing Out-Side<br>SC-9316-A04                               |    |
| 2 Decorative Stitching to Hip Pocket<br>SPS/B-1811HS-20        |    | 14 Hemming Bottom<br>KM-360J-7                                  |    |
| 3 Pocket Former<br>DY 10000                                    |    | 15 Reinforcing Stitches<br>KM-857J-7                            |    |
| 4 Attaching Hip Pocket<br>SJS/A-PS/A                           |    | 16 Sewing Waist Band<br>SC8100J                                 |    |
| 5 Attaching Hip Pocket<br>SPS/F-3020J                          |    | 17 Sewing Waist Band<br>SC810J                                  |    |
| 6 Attaching inner Pocket to Front piece<br>KM-2300/KM-2310B    |  | 18 Sewing Eyelet Button Hole<br>SPS/E-BH6100-02                 |  |
| 7 Attaching coin pocket<br>KM-1791BL-7                         |  | 19 Sewing Eyelet Button Hole End Bar-tack<br>SPS/C(D)-B1201(HE) |  |
| 8 Sewing Twin-Stitch to Front Pocket<br>KM-1751BL-7            |  | 20 Sewing Leather to Waist Belt<br>SPS/B-1306HS-23              |  |
| 9 Attaching Zipper to Left Fly<br>KM-235B                      |  | 21 Making Belt loop<br>SF7400/N                                 |  |
| 10 Attaching Zipper to Left Facing(Twin Stitch)<br>KM-1751BL-7 |  | 22 Attaching Belt loop<br>SJS/A-BA2                             |  |
| 11 Sewing Hip piece<br>SC8200J                                 |  | 23 Attaching Belt loop<br>SPS/C(D)-B1201(BA)                    |  |
| 12 Sewing In-Side<br>SC7900                                    |  | 24 Sewing Bar-tack<br>SPS/E-BS1201H                             |  |

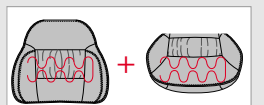


## = Car Seat/Sofa Process

- |   |   |
|---|---|
| 1 Sewing Panel on Back Rest<br>KM-1070BLX-7 |    |
| 2 Sewing Twin Stitch<br>KM-1072BLX-7        |    |
| 3 Sewing Panel on Back Rest<br>KM-572       |    |
| 4 Sewing Panel on Back Rest<br>KM-1070BLX-7 |   |
| 5 Sewing Panel on Back Rest<br>SPS/E-5050   |  |
| 6 Sewing Twin Stitch<br>KM-1082BL-7         |  |
| 7 Sewing Edge Stitch<br>KM-1080BL-7         |  |
| 8 Attaching Velcro<br>KM-1070BLX-7          |  |



- |   |   |
|---|---|
| 9 Sewing Out-Side Tape<br>KM-640UBL-7       |    |
| 10 Sewing Panel on Head Rest<br>KM-1060BL-7 |    |
| 11 Sewing Twin Stitch<br>KM-1082BL-7        |    |
| 12 Sewing Panel on Cushion<br>KM-341BL      |   |
| 13 Sewing Twin Stitch<br>KM-1082BL-7        |  |
| 14 Sewing Out-Side Tape<br>KM-640UBL-7      |  |
| 15 Sewing Out-Side Tape<br>KM-640UBL-7      |  |
| 16 Heating Coiling<br>SPS/S-60200W          |  |





# Items

## Shoes Process

- 1 Decoration line stitching  
KM-967B-7



- 2 Sewing Twin Stitch  
KM-1072BLX-7



- 3 Attaching decoration  
SPS/B-1811HS-20



- 4 Attaching decoration  
SPS/E-5050H



- 5 Zigzag stitching  
DPK-5



- 6 Attaching vamp  
KM-867-7



- 7 Decoration line stitching  
KM-957-7



- 8 Attaching back stay  
SPS/F-3020



- 9 Attaching counter  
KM-867-7



- 10 Collar lining stitching  
KM-380BL



- 11 Decoration line stitching  
KM-957-7



- 12 Decoration line stitching  
KM-2310



- 13 Decoration line stitching  
KM-235



- 14 Attaching eyelet stay  
KM-967B-7



- 15 Attaching Tongue  
KM-957SR



- 16 Leather Skiving  
KM-76

## Air Bag Process

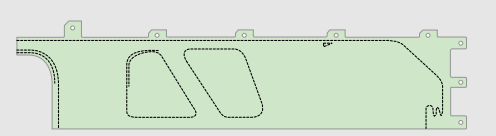


CAB Process

SPS/S-60200H(X:600mm / Y:2000mm)



SPS/E-60200H(X:600mm / Y:2000mm)

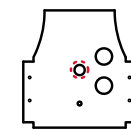


SAB Process

SPS/A-5030H  
(X:500mm / Y:300mm)



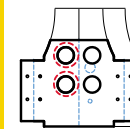
1



SPS/F-2516HS  
(X:250mm / Y:160mm)



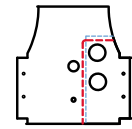
2



SPS/A-5030H  
(X:500mm / Y:300mm)



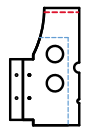
3



KM-1070BLX-7



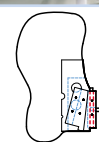
4



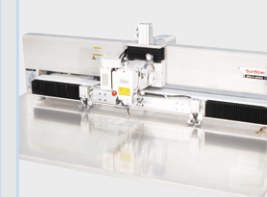
KM-1072BLX-7



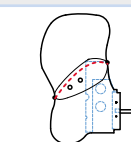
5



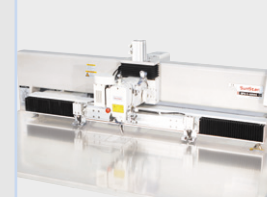
SPS/E-5050H  
(X:500mm / Y:500mm)



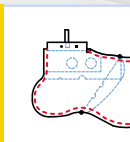
6



SPS/E-8050H  
(X:800mm / Y:500mm)



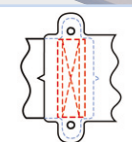
7



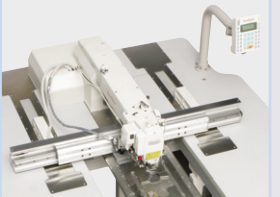
SPS/B-1811HS  
(X:180mm / Y:110mm)



8



SPS/A-5030HS  
(X:500mm / Y:300mm)



9



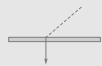


# Items

## = Cap Process

### 1 Decoration line stitching

SPS/S-CV2



### 2 Joining crown

KM-2310G



### 3 Inner part taping

KM-757-7S



### 4 Attaching tape

KM-235B



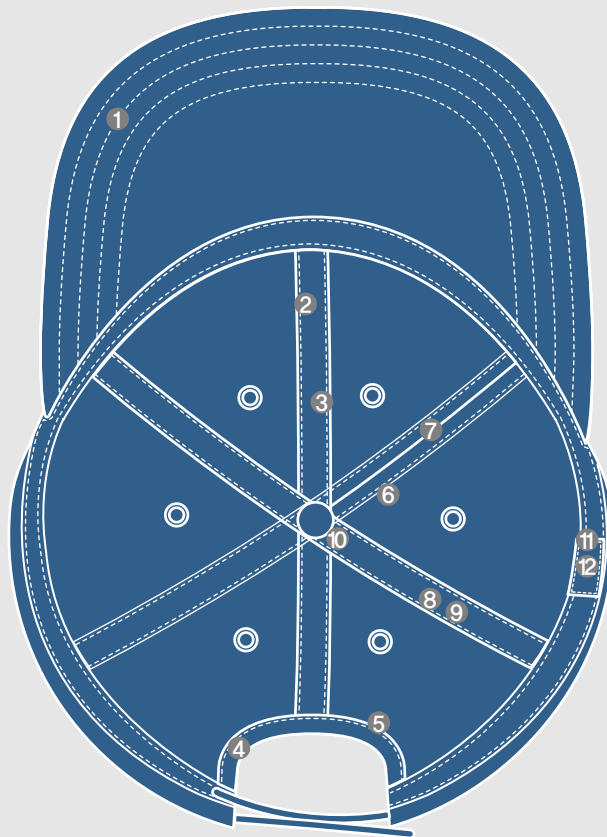
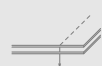
### 5 Topstitching crown tape

KM-2310G



### 6 Joining crown

KM-1750G-7



### 7 Joining crown

KM-350B



### 8 Sewing vent holes

SPS/C(D)-1201M(HP II)



### 9 Sewing vent holes

SPS/C(D)-B1201M(HP)



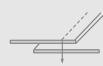
### 10 Inner part taping

KM-1751G-7



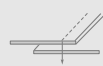
### 11 Attaching sweatband

KM-815



### 12 Attaching sweatband

KM-380



## = Bag Process

### 1 KM-340BL(341BL)



### 2 KM-572BL



### 3 KM-570BL



### 4 KM-390(BL)



### 5 SPS/E-1507HS



### 6 SPS/D-BR1254HA



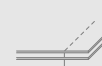
### 7 KM-818



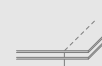
### 8 SPS/E-BR(S)1201HA



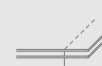
### 9 KM-2310B



### 10 KM-235B



### 11 KM-640UBL-7



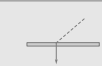
### 12 KM-380



### 13 KM-380B(BLB)



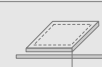
### 14 SPS/E-5050H



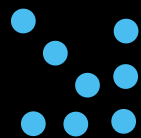
### 15 SPS/D-BR1254HA



### 16 SPS/E-1507HS







Electronically Controlled - Pattern

- SPS/E-5050/8050	17
- SPS/C-5050H/8050H, SPS/F-3020/2516	18
- SPS/A-5030HS/3020HS, SPS/E-1507	19
- SPS/A[B]-2516, SPS/A[B]-1306HS/1507HS	20
- SPS/A[B]-1811/2211, SPS/D-B1254/B1263	21
- SPS/D-BR1254/BR1263	22

E lectronically Controlled - Bartack

- SPS/E-BR(S)-1201, SPS/E-BS(R)1202, SBF20	23
- SPS/C(D)-B1201, SPS/C(D)-B1202	24
- SPS/C(D)-B1201M(HP), SPS/C(D)-B1201M(HP II)	25
- SPS/D-B1201M(HE), SPS/D-B1201M(BA)	26

Electronically Controlled - Button hole

- SPS/E-BH3100	27
- SPS/E-BH6100	28
- SPS/D-BH3000, SPS/D-BH6000	29

Electronically Controlled - ZigZag

- KM-2070P, KM-2070	30
---------------------	----

Electronically Controlled - Special Machine

- SPS/S-60200, SJS/A-PS/A	31
- SJS/A-BA2, SPS/S-CV2	32

Bottom Feed

- KM-2300U, 2310U, KM-250	33
- KM-235, KM-506	34
- KM-815/825, KM-957/957SR, 967	35

Needle Feed

- KM-360J, KM-350	36
- KM-1750U, KM-1790U	37
- KM-757, KM-797	38
- KM-817B/827B, KM-530	39
- KM-857, KM-867	40

Upper & Lower Feed

- KM-640UBL, KM-340BL, 341BL	41
------------------------------	----

Unison Feed

- KM-1070BLX/1072BLX, KM-1080BL/1082BL	42
- KM-570BL/572BL, KM-560	43
- KM-591BL-7, KM-390	44
- KM-380, KM-1060BL/1062BL	45



SPS

ELECTRONICALLY CONTROLLED-PATTERN  
E-5050/8050 Series

NEW

Generating Less Noises and Vibration

The machine is designed to generate less noises and vibration even at a high speed of operation.

Optimized for Large Size Sewing Materials

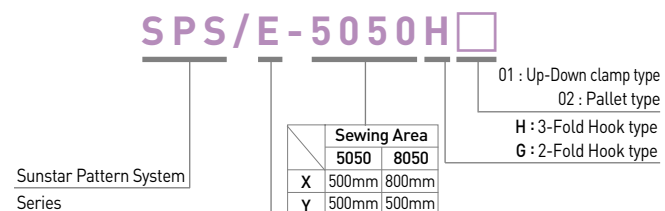
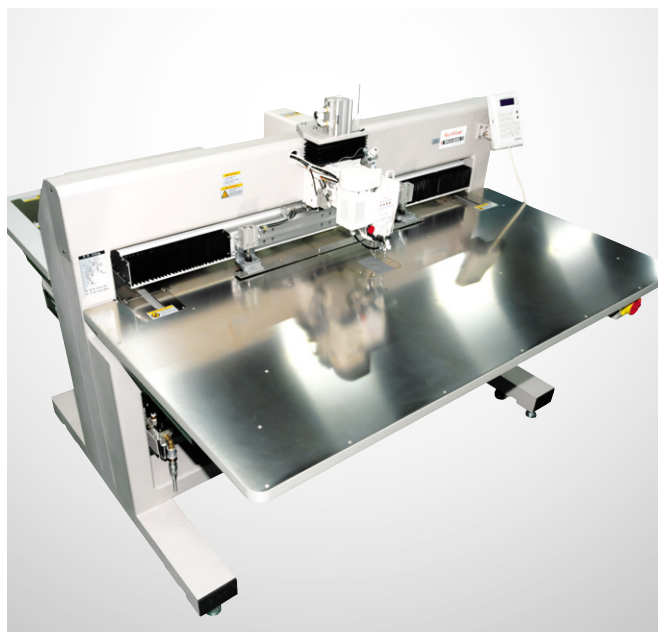
The expanded space under the body makes it easy to handle large-size sewing materials.

High Productivity

With the maximum sewing speed of 2,500spm and the adoption of a Vertical 3-fold hook(H type), productivity is greatly enhanced.

Pneumatic trimming mechanism adopted

Ti-coated moving knife, carbide tipped fixed knife and pneumatic trimming device.



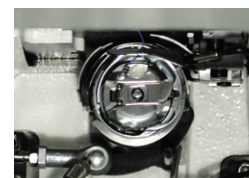
Upper Thread Detection System



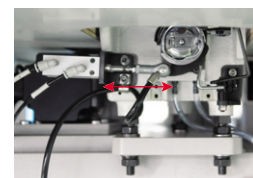
Needle Cooler



New OP Panel



3-fold capacity rotary hook(H type)



Pneumatic rotary mes mechanism

Option

1. Graphic O/P
2. Pattern Auto Call Funtion(02 type)
  - Sensor Recognize type
  - Bar-code Recognize type

► Specification

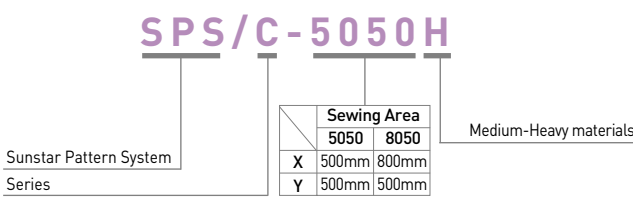
MODEL	SPS/E-5050H/8050H	SPS/E-5050G/8050G
Sewing speed	Max. 2,500spm (stitch length 3mm and less)	
Sewing area	5050 : 500mmx500mm, 8050 : 800mmx500mm	
Stitch length	Max. 0.05mm~12.7mm	
Feed plate feeding method	Motor-driven feeding	
Needle bar stroke	41.2mm	
Needle	DP×17, DP×5	
Feed plate lift	80mm (default)	
Stroke of presser foot	Standard 4mm [0.7~7mm]	
Lift of the presser foot	22mm	
Thread trimming device	Pneumatic rotary mes mechanism	
Arm lift	50mm	
Hook	3-fold capacity rotary hook	Double-capacity rotary hook
Storage device	CF Card 3.5" Floppy Diskette	
Emergency stop function	Provided	
Main motor	750W Servo Motor	
Air pressure	5.5kg/cm2 [0.44~0.54MPa]	
Voltage	Rated voltage +/- 10% 50/60Hz	
Power	600VA	



Independent Direct Drive, Electronically Controlled, Pattern Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-PATTERN  
C-5050H/8050H Series

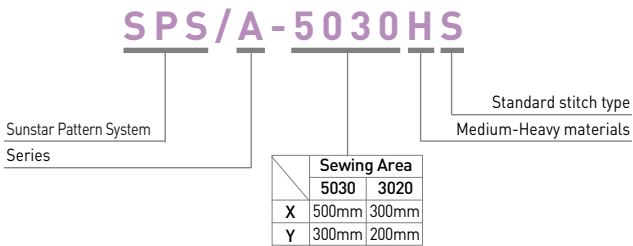


MODEL	SPS/C-5050H	SPS/C-8050H
Arm type	Arm lifting type	
Sewing area	X : 500mm, Y : 500mm	X : 800mm, Y : 500mm
Sewing speed	Max. 2,200spm (stitch length 3mm and less)	
Stitch length	Max. 0.1mm~ 12.7mm	
Lift of the presser foot	20mm	
Stroke of presser foot	4 ~ 7mm	
Lift of arm	Max. 50mm	
Feeding frame lift	Max. 105mm	
Feeding system	AC Servo Motor	
Needle	DP X 17 #18 (Medium-Heavy material)	
Hook	Double-capacity rotary hook	
Trimming type	Rotary mes	
Memory	2DD/2HD, 3.5" Floppy disk	
Number of input stitches	Max. 360,000 Stitches (Max. 20,000 Stitches/Pattern)	
Number of input patterns	Max. 691 Patterns	
Safety device	Emergency stop, Error code indication	
Motor	400W, 500W AC Servo motor	
Power source	1-Phase 100V, 110V, 120V, 200V, 220V, 240V, 370V, 440V 3-Phase 200V, 220V, 240V, 380V, 440V	

Electronically Controlled, Pattern Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-PATTERN  
A-5030HS/3020HS



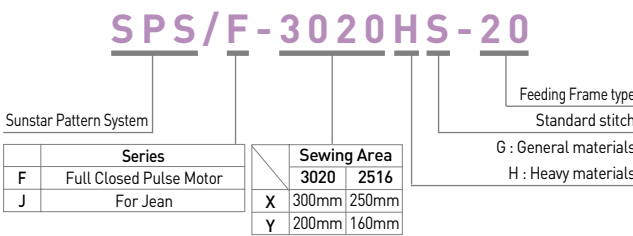
MODEL	SPS/A-5030HS	SPS/A-3020HS
Sewing area	300mm X 200mm	250mm X 160mm
Sewing speed	Max. 2,000spm (stitch length 3mm and less)	
Stitch length	Max. 0.1mm~12.7 mm	
Lift of the presser foot	20 mm	
Stroke of presser foot	4~7 mm	
Hook	Double-capacity shuttle hook	
Needle	DPX17 #18 (Medium-Heavy material)	
Stitch type	1-Needle, Lock Stitch	
Feeding frame lift	Max. 30 mm (Pneumatic type)	
Feeding system	Pulse motor drive (1Pulse 0.1mm)	
Memory	2DD/2HD, 3.5 inch floppy disk	
Number of input stitches	Max. 360,000 Stitches (Max. 20,000 Stitches/Pattern)	
Number of input patterns	Max. 691 Patterns	
Safety device	Emergency stop, Error code indication	
Motor	550W AC Servo motor	
Power source	1-Phase 100V, 110V, 120V, 200V, 220V, 240V 3-Phases 200V, 220V, 240V, 380V, 440V	

Electronically Controlled, Pattern Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-PATTERN  
F-3020/2516 Series

NEW

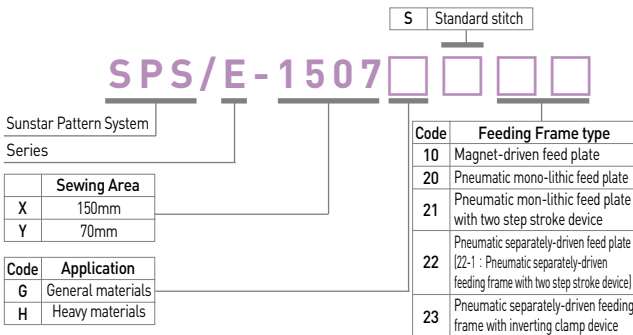


MODEL	SPS/F-3020	SPS/F-2516
Sewing area	300mm X 200mm	250mm X 160mm
Sewing speed	Max. 2,700 spm (stitch length 3mm and less)	
Stitch length	Max. 0.05mm~12.7mm(Resolution)	
Needle	DPX17#18(HS) , DPX5#14(GS)	
Needle bar stroke	41.2mm	
Hook	Double-capacity shuttle hook	
Presser foot stroke	Standard 4mm [0.5mm~10mm]	
Lift of the feeding plate	Max. 25mm(Pneumatic specifications :Max. 30mm)	
Lift of the presser foot	Max. 20mm	
Wiper	Provided (Automatic wiper)	
Emergency switch	Provided	
Memory device	CF Card	
Number of input patterns	Max. 2,100 Patterns	
Number of input stitches	Max. 360,000 Stitches	
Motor	550W Direct Drive AC Servo motor	
Feeding system	Feeding by servo step motor	

Electronically Controlled, Pattern Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-PATTERN  
E-1507 Series



MODEL	SPS/E-1507HS-□	SPS/E-1507GS-□
Sewing area	150mm X 70mm	
Application	Heavy materials	General materials
Sewing speed	Max. 2,700spm(stitch length 3mm and less)	
Stitch length	Max. 0.05mm~12.7mm(Resolution)	
Needle	DP X 17 #18 DP X 5 #14	
Hook	Double-capacity shuttle hook	
Lift of the feeding plate	Max. 25mm(Pneumatic specifications :Max. 30mm)	
Lift of the presser foot	Max. 20mm	
Wiper	Provided (Automatic wiper)	
Emergency switch	Provided	
Memory device	CF Card	
Number of input patterns	Max. 2,100 Patterns	
Number of input stitches	Max. 360,000 Stitches	
Main motor	550W Direct Drive AC Servo motor	
Feeding system	Feeding by servo step motor	
Option	Graphic OP	



SPS

ELECTRONICALLY CONTROLLED-PATTERN  
A(B)-2516 Series



Series		Sewing Area		Code		Application	
B	Direct Drive	X	250mm	G		General materials	
A	Belt Drive	Y	160mm	H		Heavy materials	

SPS/B(A)-2516

Sunstar Pattern System		Feeding Frame type	
Code	Stitch type	Code	Feeding Frame type
S	Standard stitch	20	Mono-lithic feeding frame with a pneumatic air slide table
		22	Separately-Driven feeding frame with a pneumatic air slide table

MODEL	SPS/A(B)-2516H	SPS/A(B)-2516G
Appication	Heavy materials	General materials
Sewing area	250mm X160mm	
Sewing speed	Max. 2,000spm(stitch length 3mm and less)	
Stitch length	Max. 0.1mm~12.7mm	
Needle	DP X17 #18	DP X 5 #14
Hook	Double-capacity shuttle hook	
Lift of the feeding plate	Max. 30mm	
Lift of the presser foot	Max. 20mm	
Presser foot stroke	4mm (0~7mm)	
Trimming device	Provided	
Wiper	Provided (Electronic wiper)	
Emergency switch	Provided	
Memory device	3.5" FDD (2HD)	
Number of input Patterns	Max. 691Patterns	
Number of input Stitches	Max. 360,000Stitches	
Enlarging/Reducing	1~400%(1% Step)	
Motor	SPS/B Series : 500W Direct Drive AC Servo motor SPS/A Series : 550W AC Servo motor	
Feeding system	Feeding by stepping pulse motor	
Power	1-Phase 100V~240V, 3-Phases 200V~440V, 50/60Hz	
Pneumatic	0.49Mpa (5Kgf/cm <sup>2</sup> )	

SPS

ELECTRONICALLY CONTROLLED-PATTERN  
A(B)-1811/2211 Series



Series		Sewing Area		Application		Stitch	
A	Belt Drive	X	180mm 220mm	G	General materials	S	Standard stitch
B	Direct Drive	Y	110mm 110mm	H	Heavy materials	P	Perfect stitch

SPS-A(B)-

Sunstar Pattern System		Feeding Frame type	
Code	Feeding Frame type	Code	Feeding Frame type
20	Pneumatic mono-lithic feeding frame	21	Pneumatic mono-lithic feeding frame with two step stroke device
22	Pneumatic left / Right separately-driven feed frame	23	Pneumatic separately-driven feeding frame with inverting clamp device

MODEL	SPS/B(A)-HS	SPS/B(A)-GS
Application	Heavy materials	General materials
Sewing speed	Max. 2,000spm(stitch length 3mm and less)	
Stitch length	Max. 0.1mm~12.7mm	
Hook	Double-capacity shuttle hook	
Needle	DP X 17 #18	DP X 5 #14
Lift of the feeding plate	Max. 30mm	
Lift of the presser foot	Max. 20mm	
Presser foot stroke	4mm (0~7mm)	
Trimming device	Provided	
Wiper	Provided (Automatic wiper)	
Emergency switch	Provided	
Memory device	3.5" FDD(2HD)	
Number of input patterns	Max. 691 Patterns	
Number of input stitches	Max. 360,000 Stitches	
Enlarging / Reducing	1~400% (0.1% Step)	
Motor	SPS/B-Series : 500W Direct Drive AC Servo motor SPS/A-Series : 550W AC Servo motor	
Feeding system	Feeding by stepping pulse motor	
Power	1-Phase 100~240V, 3-Phases 200~440V, 50/60Hz	
Pneumatic	0.49Mpa(5kgf /cm <sup>2</sup> )	

SPS

ELECTRONICALLY CONTROLLED-PATTERN  
A(B)-1306HS/1507HS



SPS/A(B)-1306HS

Sunstar Pattern System		Standard Stitch type	
		Medium-Heavy materials	

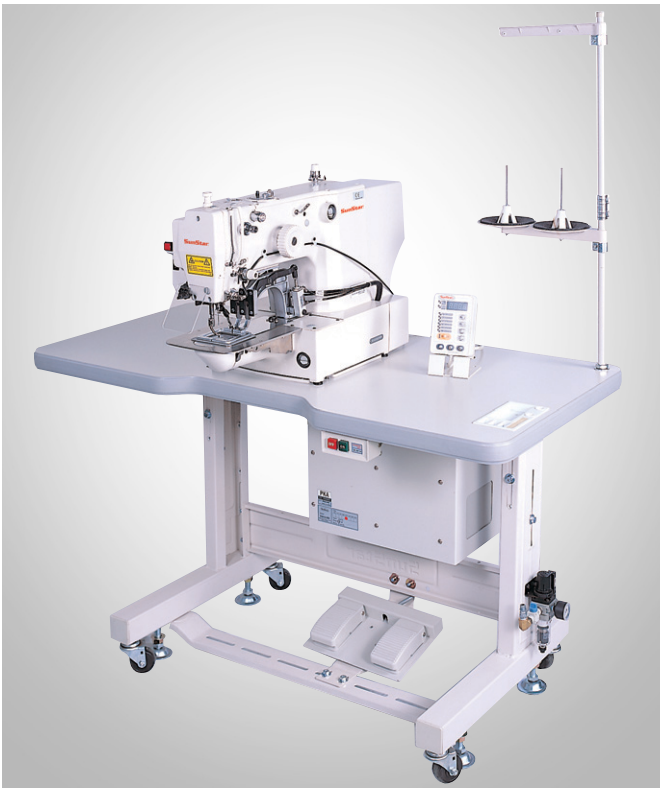
Series		Sewing Area	
B	Direct Drive	1306	1507
A	Belt Drive		

		X	Y
		130mm	150mm
		60mm	70mm

MODEL	SPS/A(B)-1306HS	SPS/A(B)-1507HS
Sewing area	130mm X 60mm	150mm X 70mm
Sewing speed	Max. 2,500spm (stitch length 3mm and less)	
Stitch length	Max. 0.1~12.7mm	
Lift of the presser foot	20mm	
Stroke of presser foot	4~7mm	
Feeding frame lift	Max. 20mm (Electronic)/Max. 25mm (Pneumatic)	
Feeding system	Pulse motor drive (1Pulse 0.1mm)	
Hook	Double-capacity shuttle hook	
Needle	DP X 17 #18 (Medium-Heavy material)	
Stitch type	1-Needle, Lock stitch	
Memory	2DD/2HD, 3.5 inch floppy disk	
Number of input stitches	Max. 360,000 Stitches (Max. 20,000 Stitches/Pattern)	
Number of input patterns	Max. 691 Patterns	
Safety device	Emergency stop, Error code indication	
Motor	B Series : Direct Drive AC Servo motor A Series : 550W AC Servo motor	
Power source	1-Phase 100V, 110V, 120V, 200V, 220V, 240V 3-Phases 200V, 220V, 240V, 380V, 440V	

SPS

ELECTRONICALLY CONTROLLED-PATTERN TACKER  
D-B1254/B1263 Series



Model Name(B1254 : 50 x 40mm / B1263 : 60 x 30mm)

Code		Usage	
TH		Pneumatic upper thread holding unit	

SPS/D-B1254HA

Sunstar Pattern System		Model	
Series : Direct Drive		20	Feed plate integrated-typed driving type
		22	Feed plate left and right separated-typed driving type

Application		Hook type	
HA	Pneumatic, Heavy materials	BL	Large Shuttle Hook
MA	Pneumatic, General materials		

MODEL	SPS/D-B1254HA	SPS/D-B1263HA	SPS/D-B1254MA	SPS/D-B1263MA
Application	Heavy materials	General materials	General materials	
Sewing area (X, Y)	50mm X 40mm	60mm X 30mm	50mm X 40mm	60mm X 30mm
Sewing speed	Max. 2,500spm (stitch length 3mm and less)			
Stitch length	Max. 0.1mm~10mm			
Needle	DP X 17#19 (#19~#23)		DP X 5#16	
Hook	Standard shuttle hook (Double capacity shuttle hook:Sub model)			
Lift of the feed frame	Max. 20mm			
Lift of the presser foot	Max. 20mm			
Thread trimming	O			
Emergency stop switch	O			
Wiper	O (Electronic solenoid type)			
Memory	EP-ROM			
Standard No. of patterns	56 Patterns			
Number of input patterns	Max. 99 Patterns (Standard 56 Patterns+43 Patterns)			
Number of input stitches	Max. 10,000 Stitches			
Enlarging / Reducing	20~200% (1% Step)			
Motor	500W Direct Drive AC Servo motor			
Feeding system	Feeding by stepping pulse motor			
Power	Free voltage(110V/220V)			
Pneumatic	0.49Mpa(5Kgf/cm <sup>2</sup> )			
Option	Needle cooler / Thread holding device			



SPS

ELECTRONICALLY CONTROLLED-PATTERN TACKER  
D-BR1254/BR1263

UPGRADE



**Pleasant Working Environment.**  
It can offer a pleasant and quiet working condition since V-belt is not used.

**Outstanding Productivity**  
It has the maximum speed of 2,500spm, and the direct-motor method enables users to feel less fatigued.

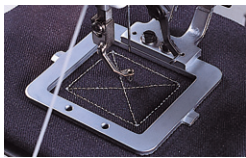
**Stable and Incredible Sewing Mechanism**  
Stable and beautiful stitches are realized through the adoption of advanced seaming mechanism and installation of highly reliable shuttle hook.  
By excellent X-Y motion control system, you can get a smooth and accurate sewing results. Also this model gives a good quality for such section as bias or spline

Sewing Area	
54	50mm(X) x 40mm(Y)
63	60mm(X) x 30mm(Y)

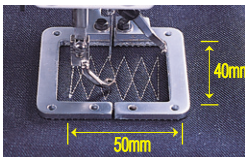
SPS/D-B 1254-

Sunstar Pattern System  
Series

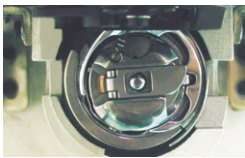
CODE	TYPE	CODE	TYPE
R	Rotary Hook	H	Heavy Material
		HC	Heat Cutter



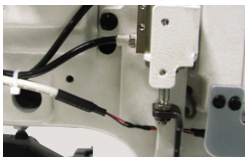
Stable Sewing Mechanism



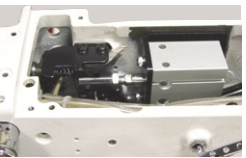
Best Performance



3-fold capacity rotary hook



Pneumatic Wiper



Pneumatic Presser Foot

► Specification

MODEL	SPS/D-BR1254H	SPS/D-BR1254HC
Application	Heavy materials	Medium materials
Sewing speed	Max. 2,500spm (stitch length 3mm and less)	
Stitch length	Max. 0.1mm~10mm	
Lift of the presser foot	Max. 20mm	
Hook	3-fold capacity rotary hook	
Needle	DP17 X #21, DP17 X #23	DP17 X #25, DP17 X #26
Working area	1254 : 50mm X 40mm /1263 : 60mm x 30mm	
Lift of feed frame	Max. 20mm	
Thread trimmer	Mechanical trimming type	Heat cutting type
Emergency stop switch	Provided	
Wiper	Air cylinder	
Memory	EP-ROM	
Standard no. of patterns	56 Patterns	
Number of input patterns	Max. 99 Patterns (Standard 56 Patterns + 43 Patterns)	
Number of input stitches	Max. 10,000 Stitches	
Enlarging / Reducing	20~200% (1% Step)	
Sewing M/C Motor	Direct Drive AC Servo motor	
Power source	Free Voltage (110V/220V)	

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
E-BR(S)1201 Series



SPS/E-B 1201

Sunstar Pattern System

Code	Hook	Code	Application
S	Shuttle Hook	H	Heavy materials
R	Double-capacity rotary hook	M	General materials
		L	Light materials
		K	Knit

MODEL	SPS/E-B1201H	SPS/E-BR1201H
Sewing speed	Max. 3,200spm ( 2,500 spm)	Max. 2,500 spm
Stitch length	Max. 0.05mm~10mm	
Feeding system	Feeding by stepping pulse motor	
Lift of the presser foot	Max. 17mm	
Hook	Standard shuttle hook	Double-capacity rotary hook
Needle	DP X 17 #19	DP X 5#16
Working area	40mm(X) X 30mm(Y)	
Trimming device	Provided	
Wiper	Provided	
Number of input patterns	Max. 67 Patterns (No.33-No.99 : HP Patterns)	
Number of input stitches	Max. 10,000 Stitches	
Memory	P-ROM	
Motor	550W AC Servo motor	
Power	Single-phase : 100~240V, 3-phase : 200~440V, 50/60Hz	

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
E-BS(R)1202 Series, SBF20

UPGRADE



SPS/E-B 1202

Sunstar Pattern System

Code	Hook	Code	Button size
S	Shuttle Hook	01	Small
R	Rotary Hook	02	Large
		03	Small & Large

MODEL	SPS/E-BS(R)1202-01	SPS/E-BS(R)1202-02	SPS/E-BS(R)1202-03
Application	Small button	Large button	Small & Large button
Sewing speed	Max. 2,700 spm		
Wiper	Motor type		
Button size	ø 8 ~ ø 32		
Lift of the presser foot	Max. 13 mm		
Hook	BS:Standard shuttle hook/BR:Double-capacity rotary hook		
Needle	DP x 17 # 23 (19~23)		
Working area	X : 6.5mm, Y : 6.5mm		
Trimming device	Electronic solenoid type		
Memory	EP-ROM		
Number of input patterns	Max. 99 Patterns (Standard 33 Patterns)		
Number of input stitches	Max. 10,000 Stitches		
Enlarging/Reducing	20 ~ 200 %		
Feeding system	R- ø (Step motor)		
Motor	550W Direct Drive AC Servo motor		
Power	Free voltage(110V/220V)		



Electronically Controlled, Bartack Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
C(D)-B1201 Series



SPS/C(D)-B1201

Sunstar Pattern System

Code	Series
C	Belt Drive
D	Direct Drive

Code	Application
H	Heavy materials
M	General materials
L	Thin materials
K	Knit

Code	Hook
BL	Large Shuttle Hook

Model Name

MODEL	SPS/C(D)-B1201H	SPS/C(D)-B1201M	SPS/C(D)-B1201L	SPS/C(D)-B1201K
Sewing area	40mm(X) X 20mm(Y)			
Sewing speed	Max. 2,700 spm		Normal 2,000 spm	
Stitch width	0.1 ~ 10 mm			
Feeding system	Feeding by pulse motor			
Needle bar stroke	41.2mm			
Needle	DP x 17 # 19	DP x 5 # 16(#14)	DP x 5 # 11	
Hook	Standard shuttle hook (Double capacity shuttle hook : Sub model)			
Pressing lever increase	Max. 17 mm			
The number of input stitches	Max. 10,000 Stitches			
The number of input patterns	Max. 99 Pattern (Basic 32 Pattern)			
Memory	P-ROM			
Thread trimmer structure	Basic offer			
Wiper	Basic offer			
Motor	SPS/D Series : 500W Direct Drive AC Servo motor SPS/C Series : 500W AC Servo motor			
Power consumption	600VA			
Voltage	Free voltage (110V/220V)			

Electronically Controlled, Bartack Sewing Machine with Vent Hole Pattern

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
C(D)-B1201M(HP)



SPS/C(D)-B1201M(HP)

Sunstar Pattern System

Code	Series
C	Belt Drive
D	Direct Drive

Code	Application
H	Heavy materials
M	General materials
L	Thin materials
K	Knit

Code	Hook
BL	Large Shuttle Hook

Model Name(Bar-tack)

Vent Hole Pattern

General materials

MODEL	SPS/C-B1201M(HP)	SPS/D-B1201M(HP)
Application	Vent hole pattern	
Sewing area	Max. Ø 14	
Sewing speed	Max. 2,700spm (Standard 2,000spm)	
Stitch length	Max. 0.1mm~10mm	
Feeding system	Feeding by stepping pulse motor	
Needle	DP x 5#16	
Hook	Standard shuttle hook (Double-capacity shuttle hook:sub model)	
Lift of the presser foot	Max. 17mm solenoid type	
Trimming device	Provided	
Wiper	Provided	
Number of Input patterns	Max. 67 Pattern (NO33.-NO99:HP Patterns)	
Number of Input stitches	Max. 10,000 Stitches	
Memory	P-ROM	
Motor	550W AC Servo motor	500W Direct Drive AC Servo motor
Power	Free volatage(110v, 220v)	

Electronically Controlled, Button Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
C(D)-B1202 Series



SPS/C(D)-B1202-

Sunstar Pattern System

Code	Button size	Wiper spec
01	Small button( Ø 8 ~ Ø 20)	Equipment type
02	Large button ( Ø 8 ~ Ø 32)	Equipment type
03	Small and large buttons ( Ø 8 ~ Ø 32)	Solenoid type

Series

Code	Series
D	Direct Drive
C	Belt Drive

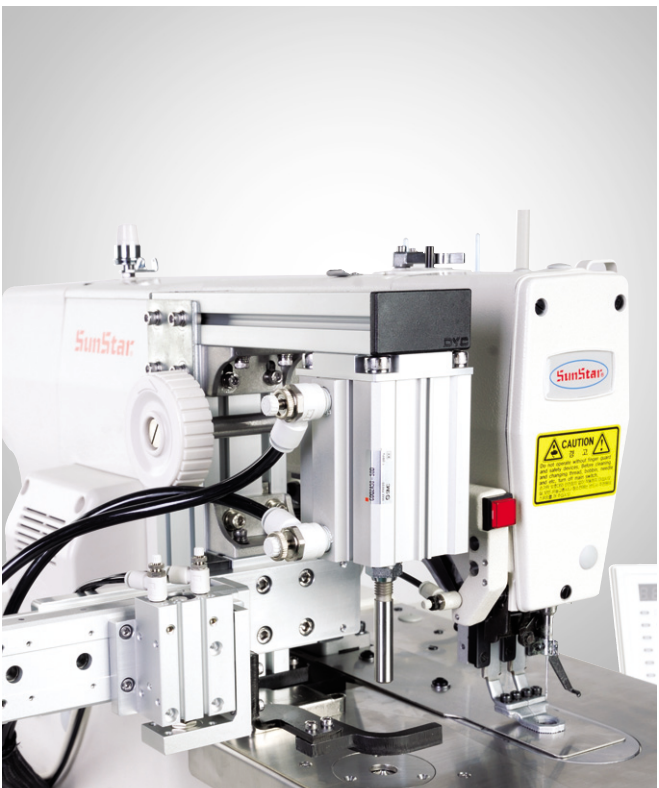
MODEL	SPS/C(D)-B1202-01	SPS/C(D)-B1202-02	SPS/C(D)-B1202-03
Application	Small button	Large button	Small and large buttons
Wiper specs	Equipment type wiper		Solenoid type wiper
Button size	Ø 8 ~ Ø 20	Ø 8 ~ Ø 32	Ø 8 ~ Ø 32
Sewing speed	Max. 2,500 spm ( standard : 2,200 spm )		
Sewing area	6.5 mm X 6.5 mm		
Needle used	DP x 17 # 14		
Hook	Standard shuttle hook (Double capacity shuttle hook : Sub model)		
Lift of button clamp	Max. 13 mm		
Trimming device	Provided		
The number of input patterns	Max. 99 pattern ( basic : 33 pattern )		
The number of input stitches	Max. 10,000 stitches		
Reduced/Enlarged range	20% ~ 200%		
Memory	EP-ROM		
Motor	SPS/D Series : 550W Direct Drive AC Servo motor SPS/C Series : 550W AC Servo motor		
Feeding system	Feeding by pulse motor		
Power	Free voltage(110V/220V)		

Electronically Controlled, Bartack Sewing Machine with Vent Hole Pattern & Punching

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
C(D)-B1201M(HPII)

NEW



SPS/-B1201M(HPII)

Sunstar Pattern System

Code	Series
C	Belt Drive
D	Direct Drive

Code	Application
H	Heavy materials
M	General materials
L	Thin materials
K	Knit

Code	Hook
BL	Large Shuttle Hook

General materials

Punching & Vent Hole Pattern

MODEL	SPS/C(D)-B1201M-HPII
Application	Belt and hat vent hole
Sewing scope	Max. Ø 14
Sewing speed	Max. 2,700 spm
Stitch length	Max. 0.05mm~12.7 mm
Needle	DPx5 #16
Hook	Standard shuttle hook/Double-capacity shuttle hook
Lift of the presser foot	Max. 17mm (solenoid type)
Wiper	Provided
Trimmer	Provided
Emergency stop switch	Provided
Memory	P-ROM
Number of Input patterns	Max. 67 patterns(No.33-No.99: HP Pattern)
Number of Input stitches	Max. 10,000 Stitches
Motor	550W AC Servo Motor
Feed system	Feeding by pulse motor
Power	Free voltage(110V/220V)

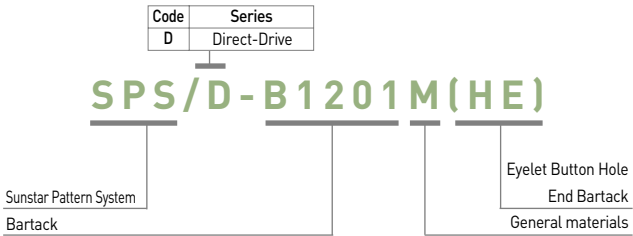
Category	Spec
Punching size	1/16""[1.6mm], 3/32""[2.4mm], 1/8""[3.2mm], 3/16""[4.8mm]
Spec	0.55 Mpa



Electronically Controlled, Bartack Sewing Machine (End Bartack for Eyelet Button Hole)

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
D-B1201M(HE)

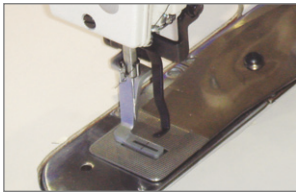


MODEL	SPS/D-B1201M
Sewing range	X : 40 mm , Y : 20 mm
Sewing speed	Max 2,700 spm
Stitch width	0.1 ~ 10 mm
Feeding system	Feeding by pulse motor
Needle bar stroke	41.2mm
Needle	DP x 5 # 16(#14)
Hook	Standard shuttle hook (Double capacity shuttle hook : Sub model)
Pressing lever Increase	Max. 17 mm
The Number of Input stitches	Max. 10,000 Stitches
The Number of Input patterns	Max. 99 Pattern (Basic 32 Pattern)
Memory	P-ROM
Thread trimmer structure	Provided
Wiper	Provided
Motor	SPS/D Series : 500W Direc Drive AC Servo motor SPS/C Series : 550W AC Servo motor
Power consumption	600VA
Voltage	Free voltage (110V/220V)

Electronically Controlled, Bartack Sewing Machine for Belt Loop Attachment

SPS

ELECTRONICALLY CONTROLLED-BARTACK  
D-B1201M(BA)



With the adoption of the belt loop only presser foot, the series enable the efficient arrangement of the sewing materials. This delivers easy and convenient working environment and thereby contributes to improving work efficiency and productivity.

► Presser Foot Type and Applied Patterns (BA)

Application	Work Clamp Foot	Feed Plate	Number of pattern
Option Small Size			17 18
	GP-022563.00		
SPS/D-B1201M(BA) Standard			17 18
	GP-023923.00		
Option Larger Size			19 20 21
	GP-025921.00		

Direct Drive, Electronically Controlled, Lock Stitch, Button Hole Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-BUTTON HOLE  
E-BH3100 Series

NEW



Prominent productivity and high sewing quality

With the maximum sewing speed of 4,200spm, productivity is enhanced. The machine was developed on the basis of the analysis of all the possible motions related to creating button holes of various forms. The machine design has focused delivering high quality sewing outcome.

Thread tension adjustment by step motor

The thread tension can be adjusted by section with the step motor. Therefore, stitches of any forms including purl stitch and whip stitch could lead to delicate sewing quality.

Independent operation of upper and lower thread trimmers

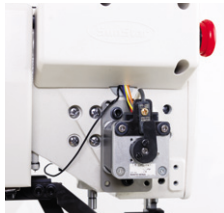
Previously, the upper and lower thread trimmers were driven by one motor. However, in this model, the upper and lower thread trimmers that operate independently from each other bring about stable trimmer motion.



Prominent productivity and high sewing quality



Thread tension adjustment by step motor



Independent operation of upper and lower thread trimmers

► Specification

MODEL	SPS/E-BH3100G	SPS/E-BH3100K
Application	General materials (shirts, blouses, work suits, women's wear)	Knitted materials (sweaters, cardigans, underwear)
Sewing speed	Max. 4,200spm	
Button hole	Max. 6mm	
Sewing width length	Max. 40mm (optional 120mm)	
Cutter length	6.4mm~31.8mm	
Needle	DP X 5 #14	DP X 5 #11
Hook	DP hook (fully rotary)	
Lift of the presser foot	Max. 13mm	
Feed system	Feeding by pulse motor	
Safety device	Emergency stop function	
Number of input patterns	Max. 99 patterns (default: 4 patterns)	
Number of input stitches	768 stitches/ pattern	
Motor	550W Direct Drive AC Servo motor: 1 Pulse motor: 5	
Memory	EP-ROM	
Voltage	1-phase: 100V~240V, 50/60Hz 3-phase: 200V~440V	



Direct Drive, Electronically Controlled, Chain Stitch, Eyelet Button Hole Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-BUTTON HOLE  
E-BH6100 Series

NEW



Optimized design for eyelet buttonhole creation and high quality sewing

Improved visual work environment with better appearance

Easy maintenance with optimized design

Equipped with direct drive motor

The direct drive motor newly developed by SunStar attaches a motor directly to the body of the sewing machine. The AC servo motor is connected to the upper shaft with coupling in order to improve response and accurate motion stop of the sewing machine. Therefore, it contributes to increasing productivity.

The direct drive motor does not use a V belt so that noises and vibrations can be reduced to a large extent. Since the V belt is not used any more, power could be saved as well.

The direct drive motor makes the installation of the machine much easier since there is no need to attach and adjust the motor and the V belt. The machine enhances safety at the work site since users are not exposed to the motor and V belt.

SPS/E-BH6100-□□

Sunstar Pattern System Series

Type	Thread Trimming		
	00	01	02
Lower thread trimming	None	Long	Short

Model Name



OP Box

- Compact design, Maximized stability Definition adjustment



Stable and delicate sewing



- Since the mechanical clutch and the cam replacement method are not used any more, all mechanical noises are minimized. The X-Y feed and needle bar structure are electronically controlled, and a small number of parts are used so that maintenance activity has been simplified.

► Specification

MODEL	SPS/E-BH6100-00	SPS/E-BH6100-01	SPS/E-BH6100-02
Application	Men/Women's suit, blue jeans, working uniforms	Men/Women's suits	Blue jeans, working uniforms
Lower thread trimming	None	Long	Short
Sewing speed		Max. 2,500 spm	
Button hole	Zigzag length	2.1mm, 3.4mm	
Scope	Sewing length	6mm~38mm	12mm~36mm(3 types)
Sewing pitch		0.5mm~2.0mm	
Needle		DO X 579 Nm90~Nm130	
Clamp lift		Max. 16mm	
X,Y Driving		Servo step motor	
Cutter driving method		Air cylinder (vertical motion structure)	
Safety device		Emergency stop switch	
Main shaft motor		550W AC Servo motor	
Air pressure		0.6Mpa	
Upper thread holder		Default device	
Lubrication		Oil wick type lubrication	
Voltage		1-phase: 100~240V	
Option		Food pedal switch	

Direct Drive, Electronically Controlled, Lock Stitch, Button Hole Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-BUTTON HOLE  
D-BH3000



SPS/D-BH3000G

Sunstar Pattern System Series

General materials  
K : Knitted materials

MODEL	SPS/D-BH3000G	SPS/D-BH3000K
Application	General materials(shirts, blouses, work suits, women's wear)	Knitted materials(sweaters, cardigans, underwear)
Sewing speed	Max. 4,000spm	
Button hole	Width	Max. 6mm
Sewing area	Length	Max. 40mm
Cutter length	6.4mm~31.8mm	
Needle	DP X 5 #11~#14	
Hook	DP hook (Full-rotary hook)	
Lift of the presser foot	Max. 13mm	
Feeding system	Feeding by stepping pulse motor	
Safety device	Emergency stop function	
Number of input patterns	Max. 99 Patterns (Standard 4 Patterns)	
Number of input stitches	768 Stitches / 1 Pattern	
Memory	EP-ROM	
Motor	Direct Drive AC Servo motor : 1	
	Pulse motor : 3	
Power	1-Phase 100V~240V, 3-Phases 200V~440V, 50/60Hz	
Lubrication	Automatic lubrication	

Direct Drive, Electronically Controlled, Chain Stitch, Eyelet Button Hole Sewing Machine

SPS

ELECTRONICALLY CONTROLLED-BUTTON HOLE  
D-BH6000



SPS/D-BH6000-01

Sunstar Pattern System Series

Type	Thread Trimming
01	Long Trimming
02	Short Trimming

MODEL	SPS/D-BH6000-01	SPS/D-BH6000-02
Application	Men's and Ladies' wear	Jean and Working wear
Sewing speed	Max.1,000~2,200 spm	
Button hole length	10mm~38mm	14mm~40mm
Button hole	Width	1.5mm~3.2mm
Size	Pitch	0.5mm~2.0mm
Taper bar length	3~43mm or None	4~10mm or None
Needle	Do X 558 Nm80~Nm120 (Nm90)	
Lift of the presser foot	Max. 16mm	
Motor	Direct Drive AC Servo motor : 1	
	Pulse motor : 3	
Safety device	Emergence stop Function	
Air pressure	0.5Mpa(5kgf/cm <sup>2</sup> )	
Power supply	1-phase : 100V~240V, 3-phase : 200V~440V	



KM

ELECTRONICALLY CONTROLLED-ZIGZAG  
2070P Series



KM-2070P-□

	Trimming and Motor
No Mark	Non-Trimming Type
7	Trimming Type

MODEL	KM-2070P	KM-2070P-7
Zigzag width	Max. 8m/10mm (2-Step, 3-Step)	
Sewing speed	Max. 5,000spm (4,000 spm at the time of shipment)	
L-Stitch sewing speed	Max. 3,000spm	
Stitch length	Max. 2.5mm	
Lift of the Presser foot	By hand By knee Automatic	6mm 10mm 7mm(Optional)
Hook	DP hook (Titanium coated inner hook)	
Needle	SY1965 Nm 70, DP X 5 #10	
Automatic thread trimmer	x	○
Upper thread feeding device	x	○
Backtrack / Condense device	○	○
Thread Wiper	x	○
Provided patterns	Basic : 8 Kinds, 16 Patterns	
User Input pattern	Max. 99 Patterns(Max.256 Stitches/Patterns)	
Pattern Input function	Built in the program unit box	
Motor	550W AC Servo motor	
Power	1-Phase : 100~240V, 3-Phases : 200~415V, 50/60Hz	

■ Table of Standard Patterns

	Straight	Standard ZigZag	2-Step ZigZag	3-Step ZigZag	Scallopl(Left)			Scallopl(Right)			Blind(Left)	Blind(Left)	User Pattern	
					Crescent	Even Standard	Even	Crescent	Even	Standard	Even	Normal 1-5 Stitch	Normal 1-5 Stitch	
Sewing Patterns														99 Patterns
No. of Stitches	—	2	4	6	24	12	24	24	24	12	24	24	Up to 99 Stitches for Straight Line	256 Stitches per pattern

SPS

ELECTRONICALLY CONTROLLED - SPECIAL MACHINE  
S-60200 Series

UPGRADE



SPS/S-60200-□

Sunstar Pattern System  
Special

H	Medium-Heavy materials
W	Heating Coiling
Sewing Area : 600mm(X) x 2,000mm(Y)	

MODEL	SPS/E-60200 Series
Sewing speed	Max. 2,500spm (Stitch Length 3mm and less)
Stitch length	Max. 0.05mm~12.7mm
Feeding system	AC Servo motor
Needle bar stroke	41.2mm
Needle	DP X 17, DP X 5
Working area	600mm(X) X 2,000mm(Y)
Feeding frame Lift	80mm
Stroke of presser foot	Max. 4~7mm
Lift of the presser foot	22mm
Lift of arm	50mm
Trimming type	Pneumatic type
Memory	3.5 Inch Floppy Disk(2HD) Save Pattern: Max. 691Pattern/disk
Safety device	Emergency stop, Error code indication
Main motor	750W AC Servo motor
Used air pressure	5.5kgf/cm <sup>2</sup> (0.49~0.54Mpa)
Voltage	Rated voltage ± 10%, 50/60Hz

KM

ELECTRONICALLY CONTROLLED-ZIGZAG  
2070 Series



KM-2070-□

Application	
L	Light materials
M	General materials

MODEL		KM-2070-L	KM-2070-7L	KM-2070-M	KM-2070-7M
Zigzag width		Max. 8m/10mm (2-step, 3-step)			
Sewing speed		Max. 5,000spm (4,000spm at the time of shipment)			
Stitch length		Max. 2.5mm		Max. 5mm	
Lift of the Presser foot	By hand	6mm			
	By Knee	10mm			
	Automatic	7mm (Option)			
Hook		DP hook (Titanium coated inner hook), Hook center is offset			
Needle		SY1965 Nm 70/10 or DPx5#10			
Automatic thread trimmer		x	○	x	○
Upper thread feeding device		x	○	x	○
Backack/Condense device		○	○	○	○
Thread wiper		x	○	x	○
Provided patterns		Basic : 8 Kinds, 16 Patterns			
User Input pattern		Max. 99 Patterns, 256 stitches per Pattern			
Pattern Input function		Built in the program unit box			
Motor		550W A/C Servo Motor			
Power		1-Phase : 100~240V, 3-Phases : 200~415V, 50/60Hz			

SJS

ELECTRONICALLY CONTROLLED - SPECIAL MACHINE  
A-PS/A



SJS/A-PS/□

Sunstar Jean System  
Series

A : Semi-Auto type  
B : Economic type  
Pocket setter

MODEL	SJS/A-PS/A	SJS/A-PS/B
Sewing speed	Max. 3,400 spm	
Stitch length	Max. 0.1mm~6 mm	
Needle bar stroke	41mm	
Presser stroke	Standard 4mm(0.5mm~10mm)	
Lift of the presser foot	20 mm	
Thread trimmer	Provided	
Emergency stop function	Provided	
Hook	Double-capacity rotary hook	
Needle	DP X 17 # 20 ( # 18-22)	
Working area	250 mm(X) X 250 mm(Y)	
Memory	3.5" Floppy disk , CF card	
Patterns / Stitches	Max. 691 Patterns	
Stacker	Automatic	Non-automatic
Pneumatic	0.6Mpa	
Power	Rated ± 10% 50/60 Hz	
Motor	Main Motor : 750W AC Servo motor	
	X-Motor 1Kw AC Servo motor	
	Y-Motor 750W AC Servo motor	



SJS

ELECTRONICALLY CONTROLLED - SPECIAL MACHINE  
A-BA2

SJS/A-BA2

Sunstar Jean System Series 2 Needles Belt Loop Attacher

MODEL	SJS/A-BA2
Sewing speed	Max. 2,800 spm
Cycle time	1.2 sec/loop(28 stitch)
Belt loop length	30mm~85mm
Lift of the presser foot	Max. 21mm
Needle	1955-01-MR4.5 ,4,0
Hook	Double-capacity rotary hook
Working area	Standard 22mm(X) X 3.2mm(Y) Option 30mm(X) X 16mm(Y)
Number of input stitches	Pattern Algorithm(User make)
Number of input patterns	Max. 99 Patterns
Feeding system	Feeding by pulse motor(1Pulse 0.05mm)
Motor	550W Direct Drive AC Servo motor
Power	1-Phase 100V-240V,3-Phase 200V,440V

SPS

ELECTRONICALLY CONTROLLED - SPECIAL MACHINE  
S-CV2

UPGRADE

SPS/S-CV2

Sunstar Pattern System Special Second Visor Cap

MODEL	SPS/S-CV2
Sewing speed	Max. 1,200 spm (Stitch length/ 3mm and less)
Stitch length	Max. 0.1mm~12.7mm
Needle bar stroke	41.2mm
Transfer range(X-Y)	300mm X 180mm
Presser foot stroke	Standard 4mm(0.7~7mm)
Lift of the presser foot	22mm
Hook	Double-capacity rotary hook
Needle	DP X 17 , DP X 15
Memory device	3.5" floppy disk (2HD) storage : Max. 691 Patterns / diskette Emergency stop during sewing
Safety device	Speed can be controlled at the range from 180 to 2,500 spm with the external controlling switch
Pattern selection function	Choose desired pattern numbers from 0 to 999
Thread trimming	Rotary mes thread trimming
Memory backup	Work points are stored in memory when sewing is stalled due to power outage
2nd Original point function	Set the needle position during sewing by using jog key Upper-shaft drive motor : 500W Servo motor X-Y motor : Step motor
Motor	
Voltage	Rated voltage±10%, 50/60 Hz
Power consumption	600VA
Air pressure	5.5kgf/cm²(0.49~0.54Mpa)

KM

LOCK STITCH-BOTTOM FEED  
2300U, 2310U Series

UPGRADE

KM-2300U

Code	Lubrication Type
F	Full Dry type
S	Semi Dry type
M	Micro Lubrication type

Code	Application
A	Light materials
G	General materials
B	Heavy materials*

KM-2310U

Code	Application
G	General materials
B	Heavy materials

MODEL		Semi-dry Type		Semi-dry Type		Semi-dry Type			Semi-dry Type		
		KM-2300UFA	KM-2300UFG	KM-2300USA	KM-2300USG	KM-2300UMA	KM-2300UMG	KM-2300UMB	KM-2310G	KM-2310B	KM-2310BL
Application		Light	General	Light	General	Light	General	Heavy	General	Heavy	Heavy
Lubrication		No Lubrication		Hook - Lubrication		Hook - Lubrication			Hook - Lubrication, Needle bar Micro		
Sewing speed(Max.)		3,500spm	4,000spm	4,000spm	5,000spm	4,000spm	5,000spm	4,500spm	5,000spm	4,500spm	3,500spm
Stitch length(Max.)		4mm	5mm	4mm	5mm	4mm	5mm	5mm	5mm	5mm	7mm
Needle bar stroke		29mm	30.7mm	29mm	30.7mm	29mm	30.7mm	33.4mm	30.7mm	33.4mm	34.6mm
Needle stroke		0.75~0.85mm						1~1.2mm	0.75~0.85mm	1~1.2mm	
Lift of the presser foot	By hand By knee Auto						5.5mm				
							15mm				
							10mm(Optional)				
Hook		No - Lubrication Hook				Auto - Lubrication Hook					2 Hook
Needle		DBX1SF(KN)#11 #9~#11	DBX1#14 #11~#18	DBX1SF(KN)#11 #9~#11	DBX1#14 #11~#18	DBX1SF(KN)#11 #9~#11	DBX1#14 #11~#18	DBX1#21 #19~#23	DBX1#14 #11~#18	DBX1#21 #19~#23	DBX1#21 #19~#23
Swing area		300mm									
Motor		550W Direct Drive AC Servo motor									
Power		1-Phase 100V~240V, 3-Phase 200V~440V , 50Hz/60Hz									

KM

LOCK STITCH-BOTTOM FEED  
250 Series

KM-250

Application	
AL	Light materials
A	General materials
B	Heavy materials
BH	Extra Heavy materials
BL	Heavy materials

Trimming and Motor	
No Mark	Non-trimming type : Clutch motor
7S	Trimming type : Servo motor

MODEL	KM-250				
	AL-7S	A-7S	B-7S	BH-7S	BL-7S
Application	Extra Light	General	Heavy	Extra Heavy	Heavy
Sewing speed	Max. 5,500 spm (Standard 5,000)		Max. 4,500 spm (Standard 4,000)	Max. 3,500 spm (Standard 3,000)	
Stitch length	Max. 4mm		Max. 7mm		
Needle bar stroke	30.7mm		33.4mm	34.6mm	33.8mm
Thread take-up stroke	59.2		62.3	67	70.8
Lift of the presser foot	By hand : 5.5mm / By knee : 14mm / Auto : 10mm				
Hook	Standard rotary hook				Double-capacity
Needle	DB X #9-#18		DB X 1 #20-#23		
Motor	Trimming (-7S) : Servo Motor				
	Non - Trimming Type(No Mark) : Clutch Motor				



KM

LOCK STITCH-BOTTOM FEED  
235 Series



KM-235□-7S

Applicaion		Trimming and Motor	
A	Light materials-General materials	Trimming type	Servo motor
B	Extra Heavy materials		

MODEL	KM-235A-7S	KM-235B-7S
Application	Light ~ Medium	Heavy
Max. Sewing Speed (spm)	5,500spm	4,500spm
Stitch Length	5mm	7mm
Needle	DB X 1(DA X 1) #9-#18	DB X 1 #10-#23
Take Up Lever Stroke	62.3mm	
Needle Bar Stroke	30.7mm	33.4mm
Height of Presser Foot	Hand : 5.5mm / Knee : 13mm	

KM

LOCK STITCH-BOTTOM FEED  
815/825 Series



KM-8□5

1	1-needle
2	2-needles

MODEL	KM-815C	KM-825C
Sewing speed	Max. 3,000spm	
Stitch length	Max. 5mm	
Needle bar stroke	33.4mm	
Thread take-up lever stroke	61.5mm	
Lift of the presser foot	By hand : 8mm / By knee : 10mm	
Hook	Standard rotary hook	
Needle	DP x 5 #19	
Bed size	518mm x178mm	
Lubrication system	Semi-automatic Drop-type	
Needle gauge	-	Roller presser foot 1/16", 3/32" Flat presser foot 1/8", 3/16", 1/4", 3/8"
Option	-Roller presser foot(large, small) -Flat presser foot	-Slide hook cover -Hinge type hook cover

KM

LOCK STITCH-BOTTOM FEED  
506 Series



KM-506-□

Trimming and Motor	
No Mark	Non-trimming type : Clutch motor
7S	Trimming type : Servo motor

MODEL	KM-506	KM-506-7S
Application	General materials	
Sewing speed	Max. 4,000 spm	
Stitch length	Max. 5mm	
Needle bar stroke	30.7mm	
Thread take-up stroke	59.2mm	
Lift of the presser foot	By hand : 5.5mm / By knee : 14mm	
Lift of the presser foot(Automatic)	10mm(Optional)	
Hook	Standard rotary hook	
Stroke(Automatic)	Max. 6.5mm	
Trimming device	X	O
Motor	Clutch Motor	Servo Motor

KM

LOCK STITCH-NEEDLE FEED / BOTTOM FEED  
957/957SR, 967 Series



KM-97-

5

1-needle

6

2-needles

Trimming and Motor

No Mark

Non-trimming type : Clutch motor

7S

Trimming type : Servo motor

KM-957SR

Small Post

MODEL	KM- 957	KM- 957-7	KM- 957SR	KM- 967	KM- 967-7
Application	Thin~Medium heavy materials				
Sewing speed	Max. 3,500spm		Max. 2,500spm		Max. 3,000spm
Stitch length	5mm			4.2mm	
Needle bar stroke	38 mm				
Lift of the presser foot	By hand : 7mm / By knee : 14.6mm				
Hook	Standard rotary hook				
Needle	DP X 5#14 (#11~#18)			DP X 5#14 (#11~#18)	
Trimming device	-	O	-	-	O
Needle up-down	-	O	-	-	O
Lift of the presser foot(Automatic)	-	O (option)	-	-	O (option)
Gauge	-			1.2~4.3 mm	
Feeding type	Needle feed			Bottom feed	



High Speed, 1-Needle, Needle Feed, Bottom Hemming Sewing Machine

KM

LOCK STITCH-NEEDLE FEED  
360J Series



KM-360J-□□

No-Mark	Standard
J	Jean accessory attached

No-Mark	Non-trimming type
7	Auto trimmer

M	Mechanical type puller
---	------------------------

MODEL	KM-360J-7M	KM-360J-M
Application	Jean bottom hemming (for heavy materials)	
Lubrication	Auto lubrication	
Sewing speed	Max. 4,000spm	
Stitch length	Max. 2~4.2mm	
Needle bar stroke	34.6mm	
Thread take-up lever stroke	70.8mm	
Needle	DP X 5 SERV 7 110	
Hook	Double-capacity rotary hook	
Bottom hem size	8~35mm	
Lift of presser foot	14mm(Auto-pneumatic) 4mm(Manual)	
Automatic trimmer	0	X
Wiper	0	X
Roller driving system	Mechanical	
Needle bar anti-oscillator	Mechanical	
Air pressure	0.5Mpa	
Motor	600W Direct Drive AC Servo motor	Clutch motor

Direct Drive, High-Speed, 2-Needles, Needle Feed, Lock Stitch Sewing Machine with Automatic Thread Trimmer

KM

LOCK STITCH-NEEDLE FEED  
1750 Series



Code	Hook
None	Standard hook
L	Double-capacity hook

Code	Trimming
None	Non-trimming
7	Trimming

KM-175□□□□-□

Code	Lubrication type
0	Semi-Dry type
1	Auto Lubrication type

Code	Application
G	General materials
B	Heavy materials

MODEL	KM-1750		KM-1751	
	MG	MBL	G	BL
Application	Medium	Heavy	Medium	Heavy
Sewing speed	Max. 4,000 spm		Max. 3,000 spm	
Stitch length	Max.5mm	Max.7mm	Max.5mm	Max.7mm
Needle bar stroke	33.4mm			
Thread take-up stroke	52mm	62mm	52mm	62mm
Lift of feed dog	1mm			
Lift of the presser foot	By hand : 7mm / By knee : 15mm / Auto : 13mm			
Hook	Standard rotary hook	Double-capacity	Standard	Double-capacity
Needle (DPX5)	#11-#16(#16)	#14-#22(#22)	#11-#16(#16)	#14-#22(#22)
Working area	257 mm(width), 120 mm(height), 87 mm(Arm jaw)			
Lubrication	Micro lubrication	Auto lubrication		
Bed size	518 mm X 178 mm			
Bobbin thread winder	Built-in the machine head (Upper arm part)			
Automatic backtack device	Provided			
Motor	550W AC Servo motor			
Power	1-Phase (100~240V), 3-Phase (200~240V, 50/60Hz)			

High Speed, 1-Needle, Needle Feed, Lock Stitch Sewing Machine with Automatic Thread Trimmer

KM

LOCK STITCH-NEEDLE FEED  
350 Series



KM-350□-□

A	General materials
B	Heavy materials
BL	Double-capacity rotary hook

Trimming and Motor	
No Mark	Non-trimming type : Clutch motor
7S	Trimming type : Servo motor

MODEL	KM-350A-7S	KM-350B-7S	KM-350BL-7S
Application	General materials	Heavy materials	Heavy materials
Sewing speed	Max. 5,000spm (Standard : 4,000)	Max. 4,000 spm (Standard : 3,500)	Max. 3,200 spm (Standard : 3,000)
Stitch length	Max. 4mm	Max. 5mm	Max. 6mm
Needle bar stroke	30.7mm	34.6mm	34.6mm
Thread take-up lever stroke	59.2mm	67mm	70.8mm
Lift of the presser foot	By hand : 5.5mm / By knee : 14mm		
Lift of the presser foot(Automatic)	10mm(Optional)		
Hook	Standard rotary hook		Double-capacity
Needle	DB X #9-#18	DB X 1 #20-#23	
Motor	Trimming(-7S) : Servo motor		
	Non-Trimming(No Mark) : Clutch motor		

Direct Drive, High-Speed, 2-Needles, Needle Feed, Split Needle Bar, Lock Stitch Sewing Machine with Automatic Thread Trimmer

KM

LOCK STITCH-NEEDLE FEED  
1790 Series



KM-179□□□□-□

Code	Trimming
None	Non-trimming
L	Trimming

Code	Lubrication type
0	Micro Lubrication type
1	Auto Lubrication type

Code	Application
G	Medium
B	Heavy

Code	Hook
None	Standard Hook
L	Double-capacity

MODEL	KM-1790		KM-1791	
	MG	MBL	G	BL
Application	Medium	Heavy	Medium	Heavy
Sewing speed	Max. 3,000 spm			
Stitch length	Max. 5mm	Max. 7mm	Max. 5mm	Max. 7mm
Engage or disengage the needle bar	Split Needle Bar			
Needle bar stroke	33.4mm			
Thread take-up stroke	52mm	64.5mm	52mm	64.5mm
Lift of feed dog	1mm			
Lift of the presser foot	By hand : 7mm / By knee : 15mm / Auto : 13mm			
Hook	Standard	Double-capacity	Standard	Double-capacity
Needle (DPX5)	#11-#16(#16)	#14-#22(#22)	#11-#16(#16)	#14-#22(#22)
Working area	257 mm(width), 120 mm(height), 87 mm(Arm jaw)			
Bed size	518 mm x 178 mm			
Bobbin thread winder	Built-in the machine head (Upper arm part)			
Automatic backtack device	Provided			
Automatic trimming device	Provided			
Motor	550W AC Servo motor			
Power	1-Phase (100~240V), 3-Phase (200~240V, 50/60Hz)			
Lubrication	Micro lubrication		Auto lubrication	



High Speed, 2-Needles, Needle Feed, Lock Stitch Sewing Machine with Automatic Thread Trimmer

KM

LOCK STITCH-NEEDLE FEED  
757 Series



KM-757□-□

Hook		Trimming and Motor	
No Mark	Standard Hook	No Mark	Non-trimming type : Clutch motor
BL	Large Hook	7S	Trimming type : Servo motor

MODEL	KM-757	KM-757-7S	KM-757BL	KM-757BL-7S
Application	Medium materials and Heavy materials			
Sewing speed	Max. 3,000spm			
Stitch length	Max. 5mm		Max. 7mm	
Needle bar stroke	33.4mm			
Thread take-up stroke	57.2mm		62.1mm	
Lift of the presser foot	By Hand : 7mm / By Knee : 15mm			
Lift of the presser foot(Automatic)	15mm(Optional among trimming types)			
Hook	Standard rotary hook		Double-capacity rotary hook	
Needle	DP X 5 #14(#11-#22)		DP X 5 #22(#11-#22)	
Motor	Trimming (-7S) : Servo motor			
	Non - Trimming(No Mark) : Clutch motor			

Post Bed, High Speed, 1/2-Needles, Needle Feed, Lock Stitch Sewing Machine

KM

LOCK STITCH-NEEDLE FEED  
817B/827B Series



KM-8□7B

1	1-needle
2	2-needles

MODEL	KM-817B	KM-827B
Sewing speed	Max. 3,000 spm	
Stitch length	Max. 5mm	
Needle bar stroke	33.4mm(15/16 )	
Lift of the presser foot	By hand : 8mm / By knee : 10mm	
Hook	Standard rotary hook	
Needle	DPx5 #19, 137x17 #16	
Post height	178mm(7 )	
Bed size	517mm x 178mm	

High Speed, 2-Needles, Needle Feed, Split Needle Bar, Lock Stitch Sewing Machine with Automatic Thread Trimmer

KM

LOCK STITCH-NEEDLE FEED  
797 Series



KM-797□-□

Hook		Trimming and Motor	
No Mark	Standard Hook	No Mark	Non-Trimming type : Clutch motor
BL	Double-capacity	7S	Trimming type : Servo motor

MODEL	KM-797	KM-797BL
Application	Medium materials and Heavy materials	
Sewing speed	Max. 3,000spm	
Stitch length	Max. 5mm	Max. 7mm
Needle bar stroke	33.4mm	
Thread take-up stroke	52mm	64.5mm
Lift of the presser foot	By hand : 7mm / By knee : 15mm	
Lift of the presser foot(Automatic)	15mm(Optional among trimming types)	
Hook	Standard rotary hook	Double-capacity rotary hook
Needle	DP X 5 #14(#11~#22)	DP X 5 #22(#11~#22)
Trimming device	Trimming [-7S] : Servo motor	
Motor	Non - trimming[No mark] : Clutch motor	

High Speed, 1-Needle, Needle Feed, Lock Stitch Sewing Machine with Vertical Edge Trimmer and Automatic Thread Trimmer

KM

LOCK STITCH-NEEDLE FEED  
530 Series



KM-530-□

Trimming and Motor	
No Mark	Non-trimming type : Clutch motor
7S	Trimming type : Servo motor

MODEL	KM-530	KM-530-7S
Application	General materials	
Sewing speed	Max. 4,000 spm	
Stitch length	Max. 5mm	
Needle bar stroke	30.7mm	
Thread take-up stroke	59.2mm	
Lift of the presser foot	By hand : 5.5mm / By knee : 14mm	
Hook	Standard rotary hook	
Lift of the presser foot(Automatic)	10mm[Option]	
Stroke(Automatic)	Max. 6.5mm	
Trimming device	X	0
Motor	Clutch motor	Servo motor



Post Bed, High Speed, 1-Needle, Needle Feed, Lock Stitch Sewing Machine

KM

LOCK STITCH-NEEDLE FEED  
857 Series



KM-857

J	Jean Reinforcing Stitch	No-Mark	Non-trimming type
7			Trimming type

MODEL	KM-857	KM-857-7	KM-857J-7
Application	Medium - Thick materials		
Sewing speed	Max. 3,000 spm		
Stitch length	Max. 5mm		
Needle bar stroke	33.4mm		
Lift of the presser foot	By hand : 7mm / By knee : 18mm		
Hook	Standard Rotary hook		
Needle	DP X 17 #18 (#14-#22)		
Trimming device	-	○	○
Thread wiper	-	○	○
Needle up down & Quick reverse	-	○	○
Automatic presser foot lifter	-	○(option)	○(option)



Attachment for reinforcing stitches  
By using the attachment appropriate for reinforcing stitches, sewing work has become easier, enhancing work productivity and efficiency.

Post Bed, High Speed, 2-Needles, Needle Feed, Lock Stitch Sewing Machine

KM

LOCK STITCH-NEEDLE FEED  
867 Series



KM-867

No mark	Non-Trimming Type
7	Trimming Type

MODEL	KM-867	KM-867-7
Application	Medium - Thick materials	
Sewing speed	Max. 3,000 spm	
Stitch length	Max. 5mm	
Needle bar stroke	33.4mm	
Lift of the presser foot	By hand : 7mm / By knee : 18mm	
Hook	Standard Rotary hook	
Needle	DP X 17 #18 (#14-#22)	
Trimming device	-	○
Thread wiper	-	○
Needle up down & Quick reverse	-	○
Automatic presser foot lifter	-	○(option)

Long Arm Type, High Speed, 1-Needle, Upper and Lower Feed, Lock Stitch Sewing Machine with Automatic Thread Trimmer

KM

LOCK STITCH-UPPER & LOWER FEED  
640UBL Series

UPGRADE



KM-640UBL

Upgrade	Hook	Trimming and Motor
BL	Large Hook	No-Mark
		7
		Non-Trimming type
		Trimming type

MODEL	KM-640UBL-7	KM-640UBL
Application	Heavy materials	
Sewing speed	Max. 2,200spm	
Stitch length	Max. 9mm	
Needle bar stroke	38mm	
Thread take-up lever stroke	73mm	
Lift of the presser foot	By hand : 8mm / By knee : 16mm (Max.)	
Lift of the presser foot(Automatic)	Max. 16mm (Option)	-
The distance between main and sub presser foot	2 ~ 5.5mm	
Hook	Double-capacity rotary hook	
Needle	DP X 17 #22 (DB X 1-#22)	
Working area	335mm	
Trimming device	Provided	-
Motor	Servo motor	Clutch motor

High Speed, 1-Needle, Upper and Lower Feed, Lock Stitch Sewing Machine with Vertical Large Hook

KM

LOCK STITCH-UPPER & LOWER FEED  
340BL, 341BL



MODEL	KM-340BL
Application	Medium material-Heavy material
Sewing speed	Max. 2,000 spm
Stitch length	Max. 9 mm
Needle bar stroke	34.7 mm
Thread take-up lever stroke	71.5 mm
Lift of the presser foot	By hand : 8mm / By knee : 14mm (Max.)
The distance between main and sub presser foot	2 ~ 5 mm
Hook	Double-capacity rotary hook
Needle	DP X 17 #23 (DB X 1-#21)
Motor	Clutch Motor

MODEL	KM-341BL
Application	Medium material-Heavy material
Sewing speed	Max. 2,000 spm
Needle bar stroke	34.7mm
Thread take-up lever stroke	71.5mm
The distance between main and sub presser foot	2-5mm
Hook	Double-capacity rotary hook
Lift of the presser foot	By hand : 8mm / By knee : 14mm
Needle	DP X 17 #23, DB X 1 #21(#20-#24)
Thickness of sewing Material	Max. 8mm
Thickness of the Edge of sewing material	Max. 5mm
Lift of feed dog	1-1.2mm
Lubrication	Auto lubrication



Flat bed, 1/2-Needles, Unison Feed, Lock Stitch Sewing Machine with Horizontal Large Hook and Automatic Thread Trimmer

KM

LOCK STITCH-UNISON FEED  
1070BLX/1072BLX Series



KM-107 ☐ BLX ☐ - ☐

Needle	
0	1-needle
2	2-needle

No-Mark :Non-Trimming type  
7 : Auto trimming

No-Mark : Medium materials  
H : Heavy materials

MODEL		KM-1070BLX	KM-1070BLX-7	KM-1072BLX	KM-1072BLX-7	KM-1070BLXH	KM-1072BLXH
Application		Medium-Heavy materials				Extra heavy materials	
Lubrication method		Auto lubrication					
Sewing speed (P=1-7mm)		Max. 3,500spm				Max. 2,800spm	Max. 2,000spm
(P=8-12mm)		Max. 2,000spm				Max. 1,600spm	Max. 1,600spm
Stitch length		12mm					
Needle bar stroke		34mm					
Thread take-up lever stroke		82.8mm					
Feed dog height		0.5mm-0.8mm					
Lift of the Manual presser foot		10mm					
Auto		16mm					
Hook		2.5 capacity rotary hook					
Needle		DP X 35 (#12-#23) 134-35 (Nm80-160)				DP X 35 (#22-#25) 134-35 (Nm140-200)	
Thread		11/3(Nm, Max)				10/3(Nm, Max)	
Gauge		-	3.2mm-12mm			-	6mm-12mm
Sewing space		335mm					
Bed size		603mm X 178mm					
Main motor		750W Servo motor					
Manual backtack lever		Provided	Provided	Provided	Provided	Provided	Provided
Auto backtack device		-	Provided	-	Provided	Provided	Provided
Auto trimmer		-	Provided	-	Provided	Provided	-
Auto PF lift device		Provided	Provided	Provided	Provided	Provided	Provided
Power		1-phase: 230V					

High Speed, 1/2-Needles, Unison Feed, Lock Stitch Sewing Machine with Horizontal Large Hook and Automatic Thread Trimmer

KM

LOCK STITCH-UNISON FEED  
570BL/572BL Series



KM-57 ☐ BL - ☐

Hook	
BL	2.5 capacity rotary hook

0	1-needle
2	2-needles

Trimming and Motor	
No Mark	Non-trimming type : Clutch motor
7	Trimming type : Servo motor

MODEL	KM-57 <input type="checkbox"/> BL-7	KM-57 <input type="checkbox"/> BL
Application	Heavy material (seat, bag, tent)	
Sewing speed	Max. 2,000 spm	
Stitch length	Max. 9mm	
Needle bar stroke	36mm	
Thread take-up lever stroke	75mm	
Lift of the presser foot	By hand :10.5mm By knee :16mm	
The distance between main and Sub presser foot(Automatic)	16mm (Optional)	-
Hook	Double - Capacity Rotary	
Needle	DP X 17 #23	
Automatic back-tack device	Provided	-
Automatic trimming device	Provided	-
Main motor	550W AC Servo Motor	Clutch motor
Gauge	Standard : 6.4 Special : 3.2, 4, 4.8, 8, 9.5, 12.7, 16, 19, 25.4	
Lubrication	Automatic luburication	

Post bed, 1/2-Needles, Unison Feed, Lock Stitch Sewing Machine with Horizontal Large Hook and Automatic Thread Trimmer

KM

LOCK STITCH-UNISON FEED  
1080BL/1082BL Series



KM-108 ☐ BL ☐ - ☐

Needle	
0	1-needle
2	2-needles

No-Mark :Manual trimming  
7: Auto trimming

No-Mark : Medium materials  
H: Heavy materials

MODEL		KM-1080BL	KM-1080BL-7	KM-1082BL	KM-1082BL-7	KM-1080BLH	KM-1082BLH
Application		Medium-Heavy materials				Extra heavy materials	
Lubrication method		Auto lubrication					
Sewing speed (P=1~7mm)		Max. 2,500spm				Max. 2,000spm	
(P=8~12mm)		Max. 1,600spm				Max. 1,600spm	
Max. stitch length		9mm				12mm	
Needle bar stroke		34mm					
Thread take-up lever stroke		76.2mm					
Feed dog height		1.2mm					
Lift of the Manual		10mm					
presser foot	Auto	16mm					
Hook		1.6 capacity rotary hook					
Needle		DP X 35 (#19-#23) 134-35 (Nm120-160)				DP X 35 (#22-#25) 134-35 (Nm140-200)	
Thread		15/3(Nm, Max)				10/3(Nm, Max)	
Gauge		-		4mm-12mm		-	
Sewing space		300mm					
Bed size		568mm X 178mm					
Main sotor		750W Servo motor					
Manual backtack lever		Provided	-	Provided	-	-	-
Auto backtack device		-	Provided	-	Provided	Provided	Provided
Auto trimmer		-	Provided	-	Provided	-	-
Lift of the presser foot(Automatic)		Provided	Provided	Provided	Provided	Provided	Provided
Auto PF height changing device		-	Provided	-	Provided	Provided	Provided
Power		1-phase: 230V					

High Speed, 1-Needle, Unison Feed, Lock Stitch Sewing Machine with Automatic Thread Trimmer

KM

LOCK STITCH-UNISON FEED  
560 Series



KM-560 - ☐

Trimming and Motor	
No Mark	Non-trimming type : Clutch motor
7	Trimming type : Servo motor

MODEL	KM-560-7	KM-560
Application	Medium material and Extra heavy material	
Sewing speed	Max. 3,000 spm	
Stitch length	Max. 8mm	
Needle bar stroke	34.2mm	
Thread take-up lever stroke	71.2mm	
Lift of the presser foot	By hand : 10.5mm / By knee : 16mm (Max.)	
Lift of the presser foot(Automatic)	Max.16mm (Option)	
The distance between main and sub presser foot	2~5.5mm	
Hook	2.5 capacity rotary hook	
Needle	DP X 17 #22 (#16~#23)	
Trimming device	Provided	-
Motor	Servo motor	Clutch motor



High Speed, 1-Needle, Unison Feed, Lock Stitch Sewing Machine with Vertical Large Hook and Automatic Thread Trimmer

KM

LOCK STITCH-UNISON FEED  
590BL, 591BL Series



KM-590BL

Hook	
BL	Large Hook

KM-591BL-□

Hook		Trimming and Motor	
BL	Large Hook	No Mark	Non-trimming type : Clutch motor
		7	Trimming type : Servo motor

MODEL	KM-591BL-7	KM-591BL	KM-590BL
Application	Heavy materials		
Sewing speed	Max. 2,400 spm (Standard 2,000spm)		Max. 2,000 spm
Stitch length	Max. 9mm		
Needle bar stroke	35mm		
Thread take-up lever stroke	71.5mm		
Lift of the presser foot	By hand : 9mm / By knee : 16mm (Max.)		
Lift of the presser foot(Automatic)	Max.16mm(Optional)	-	
The distance between main and sub presser foot	2 ~ 5.5mm		2 ~ 6mm
Hook	Double-capacity rotary hook		
Needle	DP X 17 #22 (#16~#23)		DP X 17 #20~#25
Sewing area	322mm		269mm
Trimming device	Provided	-	
Motor	Servo motor	Clutch motor	
Lubrication	Automatic Lubrication		Semi-Auto Lubrication(Wick)

Cylinder Bed, 1-Needle, Unison Feed, Lock Stitch Sewing Machine

KM

LOCK STITCH-UNISON FEED  
380 Series



KM-380□

Hook	
No Mark/B	Standard rotary hook
BL/BLB	Double-capacity rotary hook

MODEL	KM-380/B	KM-380BL	KM-380BLB
Application	Heavy		
Sewing speed	Max. 2,500 spm	Max. 2,200 spm	
Stitch length	Max. 6mm		
Needle bar stroke	33.4mm	34.2mm	
Thread take up lever stroke	58.5 mm	71.2 mm	
Lift of the Presser Foot	By hand : 8mm / By knee : 12mm	By hand : 10 mm /By knee : 15 mm	
Needle	DPx17 #18 (#11~#23)		
Hook	Standard rotary hook	Double-capacity rotary hook	
Cylinder shape	ø46mm	ø50mm	
Binder	0	X	0

Cylinder Bed, 1-Needle, Unison Feed, Lock Stitch Sewing Machine

KM

LOCK STITCH-UNISON FEED  
390 Series



KM-390□

Hook	
No Mark	Standard rotary hook
BL	Double-capacity rotary hook

MODEL	KM-390	KM-390BL
Application	General material-Heavy material	Heavy material-Ultra Heavy material
Sewing speed	Max. 2,800 spm	Max. 2,200 spm
Stitch length	Max. 5 mm	Max. 6 mm
Needle bar stroke	33.2 mm	34.2 mm
Thread take-up lever stroke	60.3 mm	68.8 mm
Lift of the presser foot	By hand : 8mm / By knee : 12mm	By hand : 10mm / By knee : 15mm
The distance between main and sub presser foot	2~5.5mm	
Hook	Standard rotary hook	Double-capacity rotary hook
Needle	DP X 17 #22 (#11~#23)	
Cylinder diameter	ø 65mm	ø 77mm

High Speed, 1/2-Needles, Unison Feed, Lock Stitch Sewing Machine with Horizontal Large Hook and Automatic Thread Trimmer

KM

LOCK STITCH-UNISON FEED  
1060BL/1062BL Series

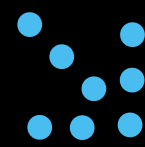


KM-106□BL-□

No. of Needle	Hook	Trimming and Motor	
0 1-Needle	BL 1.6 capacity rotary hook	No Mark	Non-trimming type : Clutch motor
2 2-Needles		7S	Trimming type : Servo motor

MODEL	KM-1060BL-7	KM-1060BL	KM-1062BL-7	KM-1062BL
Application	Heavy materials			
Sewing speed	Max. 3,500spm			
Stitch length	Max. 9mm			
Needle	DP X 17 #22(#16~#23)			
Hook	1.6 capacity rotary hook			
Needle bar stroke	33.8mm			
Thread take-up lever stroke	70.8mm			
Lift of the presser foot	By hand : 9mm / By knee : 16mm (Max.)			
Lift of the presser foot(Automatic)	Max. 16mm(option)	-	Max. 16mm(option)	-
The distance between Main and sub presser foot	1mm~7mm			
Working area	300mm			
Trimming device	Provided	-	Provided	-
Motor	Servo motor	Clutch motor	Servo motor	Clutch motor
Pneumatic	0.5 MPa(5kgf/cm <sup>2</sup> )	-	0.5 MPa(5kgf/cm <sup>2</sup> )	-
Gauge	-		3, 4, 6, 8, 9, 52, 10, 12, 20 (Standard 6mm)	



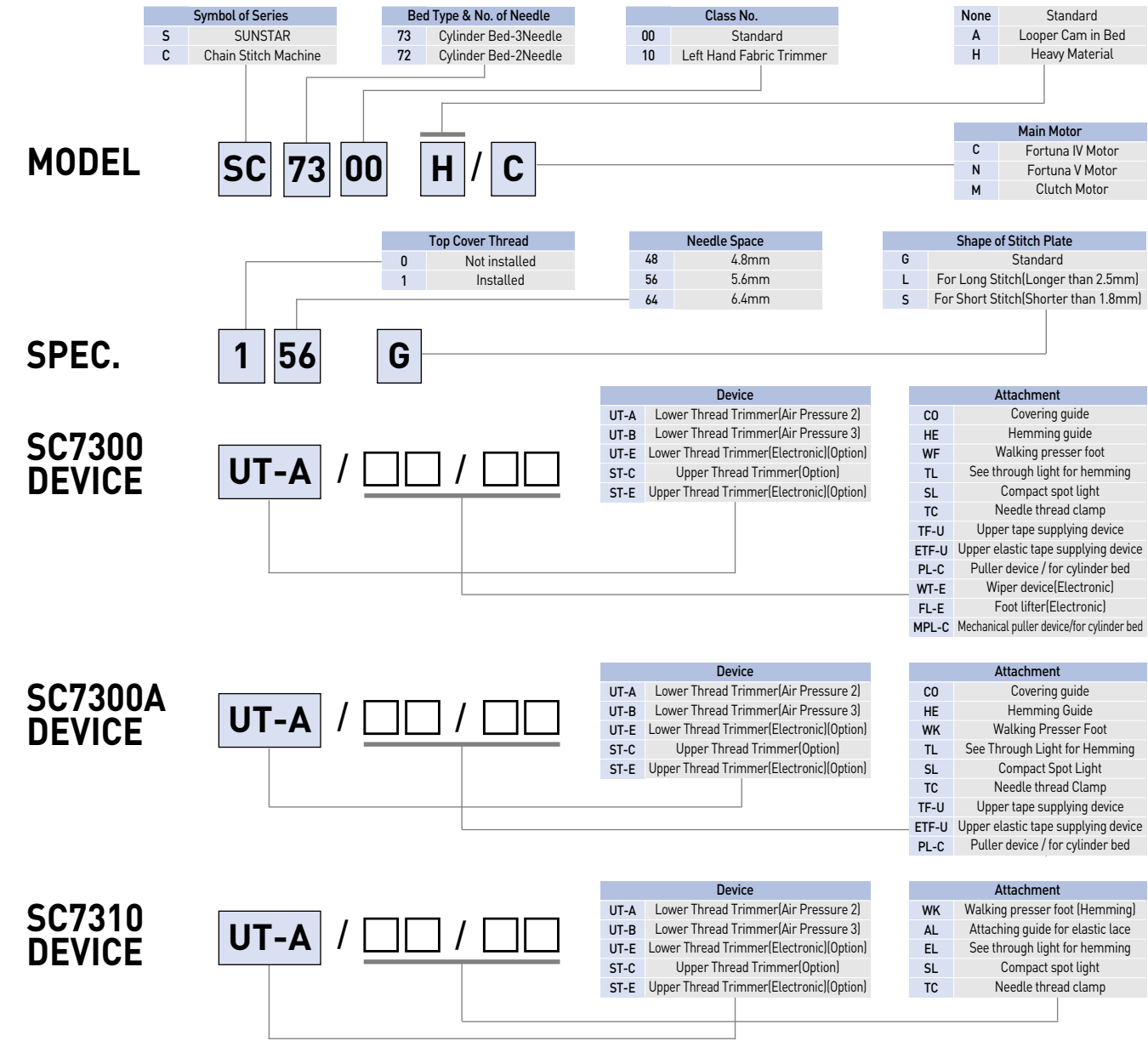


<b>Interlock</b>	
- SC7200/7300, 7210/7310	47
- SF7400/7500	48
- SS7350, SC7900	49
<b>Overlock</b>	
- SC(T)9200/9300	50
<b>Double Chain</b>	
- SC8100J, SC810J	51
- SC8200J, SC8300A/8302A	52



SC

CHAIN STITCH-INTERLOCK  
7200/7300, 7210/7310 Series



► Specification	
Product Model	SC7200/7300SC7210/7310
Stitch type	ISO 406, 407, 602, 605
Application	Hemming for regular knit materials
Sewing speed	Max. 5,000 spm (in case of intermittent sewing)
Stitch length	Max.1.4~3.6mm(SC7300H : 4.5mm)
Needle	UY 128GAS #9~14 (standard: #10)
Needle distance	2-needle3.2, 4.0, 4.8, 5.6, 6.4mm
	3-needle4.8, 5.6, 6.4mm
Needle bar stroke	31mm(SC7300H : 33mm)
Lift of the presser foot	Max. 7mm (5mm in case of using chenille)
Cylinder bed circumference	270mm
Differential feed ratio	Max. Forward differential feed ratio1 : 2.9
	Max. Reverse differential feed ratio1 : 0.3
Lubrication	Automatic
Left hand fabric trimmer	X0



SF

CHAIN STITCH-INTERLOCK  
7400/7500 Series

MODEL

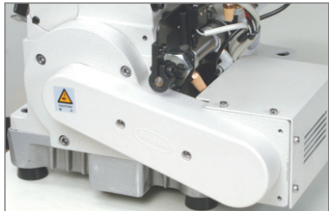
Symbol of Series		Bed Type & No. of Needle		Material		Main Motor	
S	SUNSTAR	7500	Flat Bed-3Needle	None	Standard	C	Fortuna IV Motor
F	Flat Bed Chain Stitch M/C	7400	Flat Bed-2Needle	H	Heavy Material	N	Fortuna V Motor
						M	Clutch Motor

SPEC.

Top Cover Thread		Needle Space		Shape of Stitch Plate	
0	Without Top Cover Thread	32	3.2mm	G	Standard
1	With Top Cover Thread	40	4.0mm	L	For Long Stitch(Longer than 2.5mm)
		48	4.8mm	S	For Short Stitch(Shorter than 1.8mm)
		56	5.6mm		
		64	6.4mm		

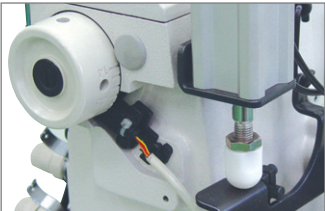
DEVICE

Device		Attachment (optional)	
UT-A	Lower Thread Trimmer(Air Pressure 2)	CO	Covering guide
UT-B	Lower Thread Trimmer(Air Pressure 3)	HE	Hemming guide
UT-E	Lower Thread Trimmer(Electronic)(Option)	WK	Walking Presser Foot
ST-C	Upper Thread Trimmer(Option)	BN	Binder supplying device
ST-E	Upper Thread Trimmer(Electronic)(Option)	SL	Operation lamp
		TC	Needle thread holder
		TF-B	Lower tape supplying device
		TF-U	Upper tape supplying device
		ETF-B	Lower elastic tape supplying device
		ETF-U	Upper elastic tape supplying device
		PL-F	Puller device / for flat bed
		TF-S	Side tape supplying device
		WT-E	Electronic Wiper
		FL-E	Electronic Foot Lifter



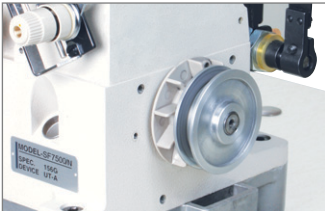
Small Motor(Optional)

The types of motor used can be chosen as an option. If a small motor is installed, it makes the installation of sewing machine simpler. It uses timing belt instead of V-belt. Since controlled by Fortuna IV, it can maintain more stable working conditions.



Embedded Location Detector

The location detector is embedded in pulley. It accurately monitors the signals from servo motor and makes sure exact location detection. It has a simplified design.



Oil Cooling Fan System

High-speed sewing causes heat, which could lower oil viscosity. An oil cooling fan is installed at the lower shaft to prevent oil temperature rise and to ensure stable oil supply. This system can also enhance product durability.



In case of Sporadic Sewing

The differential ratio can be easily changed by adjusting the differential feed lever. Even in the middle of sewing, the differential feed lever can be adjusted.



► Specification

Product Model		SF7400/7500	
Stitch type		ISO 406, 407, 602, 605	
Application		Regular knit-type sewing	
Sewing speed		Max. 6,000 spm (in case of intermittent sewing)	
Stitch length		Max. 1.4~3.6mm(SF7500H : 4.5mm)	
Needle		UY 128 GAS #9-#14 (standard: #10)	
Needle distance	2-needle	3.2, 4.0, 4.8, 5.6, 6.4mm	
	3-needle	5.6, 6.4mm	
Needle bar stroke		31mm(SF7500H : 33mm)	
Presser foot lift		Max. 8mm (7mm in case of using chenille)	
Feed adjusting method		Button	
Differential feed ratio	Max. Forward differential feed ratio	1 : 2	
	Max. Reverse differential feed ratio	1 : 0.7	
Lubrication		Automatic lubrication	

SS

CHAIN STITCH-INTERLOCK  
7350 Series

NEW

MODEL

Symbol of Series		Bed Type & No. of Needle		Main Motor	
S	SUNSTAR	7350	Small Cylinder Bed 3Needle	N	Fortuna V Motor
S	Small Cylinder Bed Chain Stitch Machine			M	Clutch Motor

SPEC.

Top Cover Thread		Needle Space		Shape of Stitch Plate		Feed Layout	
0	Without Top Cover Thread	48	4.8mm	G	Standard	Differential Feed Dog	Main Feed Dog
1	With Top Cover Thread	56	5.6mm	L	For Long Stitch(Longer than 2.5mm)		
		64	6.4mm	S	For Short Stitch(Shorter than 1.8mm)		
Special Features		Covering Style		Coarseness of Feed Dogs			
No indication		No indication		N		1.6mm(Standard)	
1		T		A		2.5mm(Coarse Mesh)	
		K					

DEVICE

Device		Attachment (optional)	
UT-A	Lower Thread Trimming(Air Pressure 2)	HE	Hemming guide
UT-B	Lower Thread Trimming(Air Pressure 3)	WK1	Walking Presser Foot
ST-C	Upper Thread Trimming(Flat Bed)(Option)	ATF	Tace Feeder(Side meter type)
		TL	Compact Spot Light
		PK	Needle Thread Clamp



MODEL	SS7350	
Stitch type	ISO 406, 407, 602, 605	
Application	Children's sleeve	
Sewing speed	Max. 4,500 spm	
Stitch length	Max. 1.4~4.2 mm	
Needle	UY 128GAS #9-#14	
Needle space	2-needle	4.8, 5.6, 6.4 mm
	3-needle	4.8, 5.6, 6.4 mm
Needle stroke	33 mm	
Lift of the presser foot	Max. 7 mm (when Top cover thread is used, up to 5 mm)	
Circumference of cylinder bed	180 mm	
Differential ratio	Max. Normal differential ratio	1 : 1.4
	Max. Reverse differential ratio	1 : 0.8
Lubrication	Automatic lubrication	

SC

CHAIN STITCH-INTERLOCK  
7900 Series

NEW



5	5.2mm
6	6.0mm

SC7900□□M□□

01	One-Side Trimmer	A	Light Materials
02	Both-Side Trimmer	B	General Materials Heavy Materials

MODEL	SC7900	
Stitch type	ISO #607	
Application	Knit sleeve and shoulder seaming and stitching	
Sewing speed	Max. 4,200spm	
Stitch length	Max. 1.6~2.5mm	
Needle	GROZ-BECKERT UY 118GKS 4EA, UY 36211 1EA	
Needle distance	SC7900-□□M5:5.2mm(13/64") SC7900-□□M6:6.0mm(15/64")	
Lift of the presser foot	6mm	
Differential feed ratio	1.0:0.7 ~ 1.0:1.5	
Lubrication	Automatic	
Trimmer	SC7900-01M□:One-Side Trimmer SC7900-02M□:Both-Side Trimmer	



SC(T)

CHAIN STITCH-OVERLOCK  
9200/9300 Series

Super High Speed, Overlock Machine

NEW



Series Code	Stitch Type	Operation	Lift
SC92 Over-edge	03 #503	0 Plain Seaming	2 Standard
SCC92 Over-edge + Condensed Stitch	04 #504	1 Blind Stitch Hemming	3 High
SC93 Safety Stitch	05 #505	2 Serging	4 Extra-High
SCT92 Over-edge + Variable Top Feed	12 #512	3 Turn Up Down Hemming	5 Ultra-High
SCT93 Safety Stitch + Variable Top Feed	14 #514	4 Shirring or Shirring White Piping	
SC94 Over-edge + Cylinder Bed	15 #515	5 Attaching Tape	
SCT94 Over-edge + Cylinder Bed + Variable Top Feed	16 #516	6 Attaching Zipper	
SC95 Double Chain Stitch	41 #401	8 Back Latching	
	42 #401+402	9 Versatile	
	44 #401+402	A Sewing Car Mats	
		B Butt End Sewing	
		C Piping	

SC92 04 - 0 4 - 2 3 3 / 3 × 5

Fabric Weight	Rows of Feed Dogs	Pitch of Feed Dog	Needle Space	Over-Edge Width
1 Extra Light - Light	1 1-Row Standard	1 1 mm	0 -	3 3 mm
2 Light - Medium	2 2-Row Standard	2 1.25 mm	2 2 mm	4 4 mm
3 Medium - Heavy	3 3-Row Standard	3 1.6 mm	3 3 mm	5 5 mm
4 Heavy - Extra Heavy	4 4-Row Standard	4 2 mm	5 5 mm	6 6 mm
5 Extra Heavy	5 5-Row Standard	5 2.5 mm		7 7 mm
	6 1-Row Special			
	7 2-Row Special			
	8 3-Row Special			
	9 4-Row Special			
	10 5-Row Special			

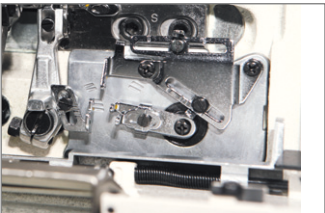
Application	Fabric weight	Subclasses	Number of needles	Number of threads	Needle space (mm)	Overedge width (mm)	Stitch length (mm)	Diff. feed ratio	Presser foot lift	Max speed (r.p.m)	Top feed dog movement	Remarks
Plain seaming	Extra light - light	SC 9204-01/223	1	3	-	3, 4, 5	3.8	0.7 - 2	5	8,500	-	
	Light - medium	SC9212-02/333	2	4	2	3, 4, 5						
	Medium - heavy	SC9214-03/333	2	4	2	3, 4, 5	3.8	0.7 - 2	5.5	7,500	-	
	Medium - heavy	SC9316-03/233	2	5	3	5, 6	3.8	0.7 - 2	5.5	7,500		
	Medium - heavy	SC9316-03/333	2	5	5	5	3.8	0.7 - 2	5	7,000		
	Heavy - extra heavy	SC9316-A04/435	2	5	5	5, 6	5	0.8 - 1.5	7	6,500		
	Heavy - extra heavy	SC9344-A04/435	3	6	5 x 3	4	5	0.8 - 1.5	7	6,500		
	Extra heavy	SC9316H-A05/535	2	5	5	5	5	0.8 - 1.5	7	6,000		
	Medium-heavy	SCT9316-03/233	2	(4) 5	3	4, 5	3.8	1 - 6	5	7,000	0.7 - 2	
Plain seaming, blind stitch hemming	Heavy-extre heavy	SCT9316-A04/435K	2	(4) 5	5	5, 6	5	1 - 7	7	6,300	0.8 - 1.5	
	Medium-heavy	SCT9214-03/333	2	4	2	5, 6, 7	3.8	1 - 6	5.5	6,700	0.7 - 2	
Plain seaming, blind stitch hemming	Light- medium	SC9204-02/223	1	3	-	3, 4, 5	3.8	0.7 - 2	5	8,500		

\* Specifications and appearance are subject to change for the improvement of products without prior notice.



Optimized needle bar mechanism for noise and vibration prevention

The optimized needle bar mechanism for 8,000rpm sewing has reduced noise and vibration.



Differential feed ratio device

The fine differential feed ratio can be easily adjusted with the differential feed ratio device in line with a number of work conditions.



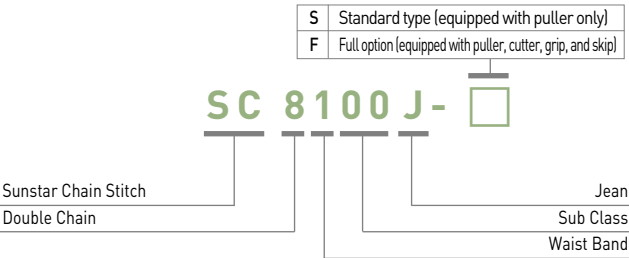
Easy stitch length adjustment

The stitch length can be easily adjusted by the pulley.

SC

CHAIN STITCH - DOUBLE CHAIN  
8100J Series

Cylinder Bed, High-speed, 4-Needles, Waist Band, Double Chain Stitch Sewing Machine

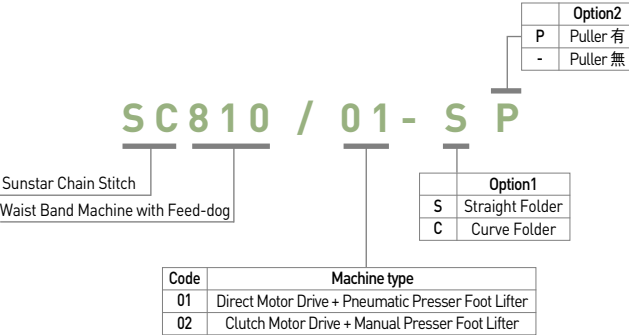


MODEL	SC8100J-S	SC8100J-F
Application	Waist band for jean (with auto skip stitch device)	
Lubrication	Auto lubrication	
Sewing speed	Max. 4,000spm (stitch length 4.5mm and less) Standard 3,500spm (stitch length 4.5mm-6.4mm )	
Stitch length	Max. 2.8mm-6.4mm	
Needle bar stroke	32mm	
Needle space	1" 1/2, 1" 1/4	
Needle	Organ DV X 57(#14-25)	
Lift of the presser foot	8mm	
Process automation device (Cutter, Grip, Skip)	X	0
Feed system	Needle feed + rear puller	
Needle bar anti-oscillator	Eccentric cam-driven link operation	
Motor	550W Direct Drive AC servo motor	

SC

CHAIN STITCH - DOUBLE CHAIN  
810J Series

NEW



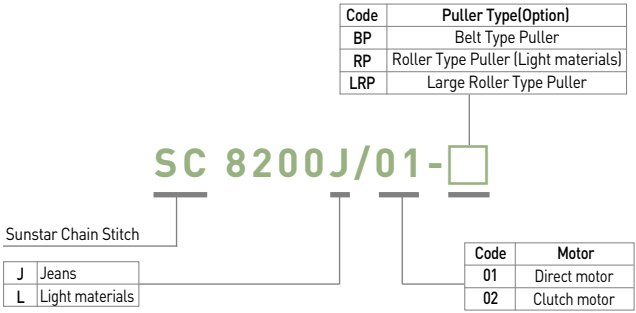
MODEL	SC810J/01	SC810J/02
Application	Waist band double chain stitch sewing machine	
Lubrication	Pneumatic auto	
Sewing speed	Max. 2,500 spm (3,500 spm)	
Stitch length	Max. 2.1 ~ 6.4 mm	
Needle bar stroke	32 mm	
Needle space	1 1/2"(Standard), 2 1/2" Max. Guage	
Needle	DV x 57	
Lift of the presser foot	Pneumatic type	Manual type
Lift of the presser foot(pneumatic)	8 mm	
Pneumatic	0.6 Mpa	
Motor	550W Direct Drive AC Servo motor	Clutch motor(400W, 4P)
Option	Puller drive / Attach (folder)	



Direct Drive, Feed-off-the-Arm, 3-Needles, 6-Threads, Double Chain Stitch Sewing Machine with Puller Device

SC

CHAIN STITCH - DOUBLE CHAIN  
8200J Series

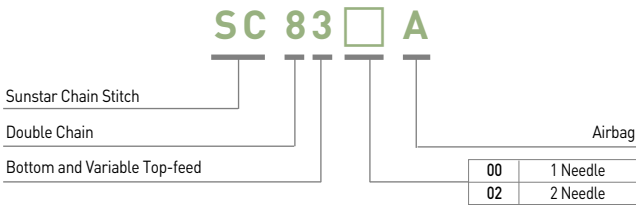


MODEL	SC8200J(L)/01	SC8200J(L)/02
Sewing speed	Max. 4,000 spm	
Stitch type	ISO #401	
Stitch width	2 ~ 4.2mm	
Needle distance	2-Needle : 4.8, 6.4mm	
	3-Needle : 5.6, 6.4, 8.0, 9.6mm	
Lift of the presser foot	Max. 11mm	
Needle	TV5 X No.21	
Motor	600W A/C Servo motor	4P 400W 80Ø motor
Lubrication	Semi-auto lubrication	

Single or twin-needle, Double Chain stitch, Bottom and Variable Top-feed, Machine with Automatic Thread Trimmer

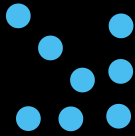
SC

CHAIN STITCH - DOUBLE CHAIN  
8300A/8302A Series



MODEL	SC 8300 A	SC 8302 A
No of Needle	1	2
Sewing speed	2,500 spm (3,500spm)	
No of Thread	Needle : 1	Needle : 2
	Looper : 1	Looper : 2
Gauge width	-	3.2mm, 6mm
Stitch Length	Upper : 2~7mm	
	Lower : 2~7mm	
Stitch Type	ISO 401	
Lubrication	Drop type	
Lift of the presser foot	10mm, 17mm[Auto]	
The Height of Between Main and Sub Presser Foot	2mm[Min.]~7mm[Max.]	
Needle Bar Stroke	34mm	
Automatic Trimmer	0	
Pneumatic pressure	0.6Mpa	
Motor	750W	

etc. / motor / punching program



- etc.

  - DPK-5, DPK-2/3 54
  - KLZ-371, KM-76, SC-700 55
- Motor

  - CLUTCH MOTOR, FORTUNA MOTOR 4/5/6/7 56
- Punching Program

  - SSP 3.0/5.0 57





DPK

5

Post Bed, High Speed, 1-Needle, Zigzag, Lock Stitch Sewing Machine



- The post bed type sewing machine enables the sewing of more various shapes including cylinder shape, sunken-in surface, and curved surface, which are not supported by the flat bed type sewing machine.
- It shows excellent zigzag stitching performance in heavy materials such as shoes, gloves, and bags as well as general materials such as underwear and trousers.

MODEL		DPK-5
Sewing speed		Max. 2,800 spm
Stitch length		Max. 1.8mm ~ 4.2 mm
Needle bar stroke		33.2 mm
Thread take-up lever stroke		69.6 mm
Post height		170 mm
Zigzag stitch length		0 mm ~ 5 mm
Hook		Double-capacity rotary hook
Needle		DP X 5 (#11 ~ #14)
Backtack		•
Option	Zigzag cam	Zigzag cam exchange method (2, 3, 4 Point)
	Gauge	0 mm ~ 10 mm

High Speed, 1-Needle, Zigzag, Lock Stitch Sewing Machine

DPK

2/3



- Improved needle zigzag adjustment:The variation of needle zigzag is obtained simply by turning the dial in front of the machine arm.
- Enclosed mechanism decreases vibration and noise to a greater extent and protects internal parts against dirt and lint.

MODEL	DPK-2	DPK-3
Sewing speed	Max. 2,800spm	Max. 2,500spm
Stitch length	Max. 1.8~4.2mm(6~14SPI)	Max. 1.8~6.4mm(4~14SPI)
Standard setting	10SPI	8SPI
Needle zigzag up to	5mm(0.2")	10mm(0.4")
Needle type & size	DP X 5 #11	DP X 5 #14
Standard thread for both Needle and bobbin	Cotton 60/3	Cotton 60/3

KLZ

371

High Speed, 1-Needle, Embroidery, Lock Stitch Sewing Machine



- There is no tear-off of embroidery materials in case of embroidering by selecting practical embroidery mechanism.
- Maximum zigzag width 12mm (15/32")
- No pollution on embroidery fabric due to sewing oil dirt and lint

MODEL	KLZ 371
Sewing speed	Max. 2,000spm
Zigzag width of throw	0~12mm(15/32")
Thread take-up lever stroke	59.8 mm
Needle bar stroke	33.4mm(1~15/32") [Dia of needle bar 6.35ø (1/4")]
Hook	DB type full rotary
Needle	DB X 1 #9 #18(Standard #11)
Zigzag width regulator	Knee lifter controlled by knee
Lubrication	Centralized lubrication system

Leather Skiving Machine

KM

76



- One-time maximum skiving width 50mm
- Skiving knife-grinding device is mounted.
- The switch manipulation just runs or stops the knife-grinding device.
- Option : suction device safety cover(left side & knife)

MODEL	KM 76
Motor capacity	200~400W
Revolution	1,000~1,200rpm
Machine dimensions	520(W) x 385(H) x 330(D)mm
Dimensions with package	625(W) x 450(H) x 440(D)mm
Weight	39kg(w/o Package)/41kg(w/t Package)

Pinpoint Saddle Stitch Sewing Machine

SC

700 Series



SC-700

Code	Application
A	General materials
B	Heavy materials

MODEL	SC-700A	SC-700B
Sewing speed	Max. 1,500 spm	
Needle bar stroke	22.7mm	24mm
Thread take-up lever stroke	59.2mm	62.3mm
Needle length	3mm~8mm	5mm~12mm
Gauge	1.4mm~4.0mm	5.0mm~5.5mm



# MOTOR

## CLUTCH MOTOR



MODEL	CLUTCH MOTOR							
Voltage	The single phases(110, 220, 230, 240, 110/220V)							
	Three phases(220, 380, 400, 415, 440, 220/380V)							
Pole number	2P				4P			
Generating power	250W		400W		250W		400W	
Frequency	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Speed	2845	3445	2845	3445	1425	1715	1425	1715
Weight of product	21.5Kg						22Kg	
Weight of packing	23.5Kg						22Kg	
Standard	420 x 370 x 280							

# MOTOR

## FORTUNA 5



MODEL	FORTUNA 5
Rated output	550 W
Rated revolution speed	3,000 rpm
Maximum revolution speed	3,400 rpm
Power voltage range	Single Phase 100~120V / 200~240V
Insulation class	Class B
International protection	IP 40

# MOTOR

## FORTUNA 7



# MOTOR

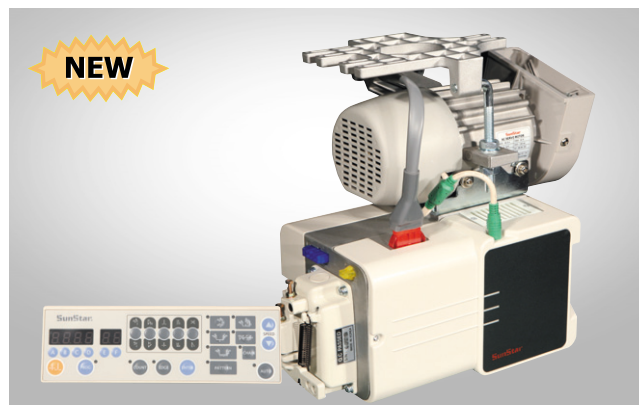
## FORTUNA 4



MODEL	FORTUNA 4			
Rated output	500W	550W	600W	750W
Rated revolution speed	3,000 rpm			
Maximum revolution speed	5,000 rpm		4,200 rpm	
Power voltage range	Single Phase 100-120V / 200-240V			
Insulation class	Class F			
International protection	IP 40			

# MOTOR

## FORTUNA 6



Function	AC Servo Motor Series 6
Application	KM-250A/B-7S, KM-235A/B
Rated output	550 W
Rated revolution speed	4,500 rpm
Maximum revolution speed	3,000 rpm
Power Voltage Range	Single Phase 220V
Insulation class	Class B
International protection	IP 40

MODEL	FORTUNA 7
Rated output	550 W
Rated revolution speed	3,000 rpm
Maximum revolution speed	5,000 rpm
Power Voltage Range	Single Phase 220V
Insulation class	Class F
International protection	IP 40

# SSP 3.0/5.0

## SSP System Requirements

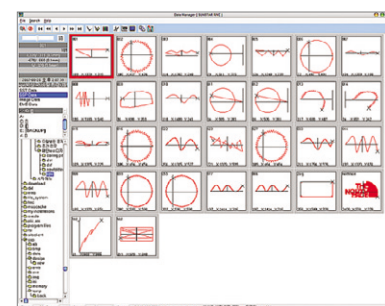
PC	IBM PC or Compatible
CPU	Pentium CPU or Higher
O/S	Windows XP or Higher
RAM	256MB or Higher
DISPLAY	VGA or Higher
INTERFACE	RS-232C(Serial)/USB Communication
HDD	500MB or Higher

## Applicable Machine

PATTERN	SPS/A/B/C/E- SERIES
BARTACK	SPS/A/B/C/D/E-SERIES
ZIGZAG	KM-2070P/KM-2080P
POCKET SETTER	SJS-PS SERIES
BELTLOOPER	SJS-BA2 SERIES
CAP VISOR	SPS-CV1 SERIES

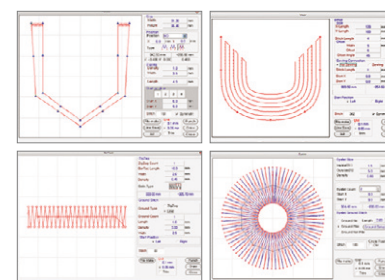
## I FEATURE

### Convenient data managemen



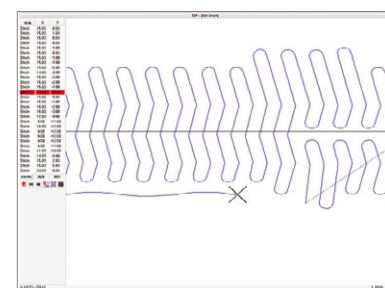
File Preview enables convenient data copy and management.

### Dedicated pattern creation tools



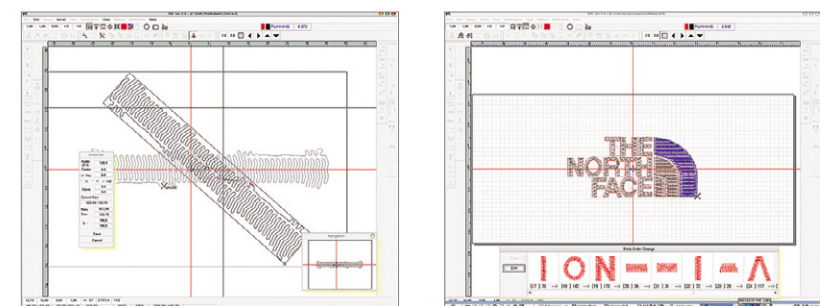
Design generation function is offered for the machines applied with special specifications (pocket setter, cap visor, bartack, cap hole designs)

### Check of generated data



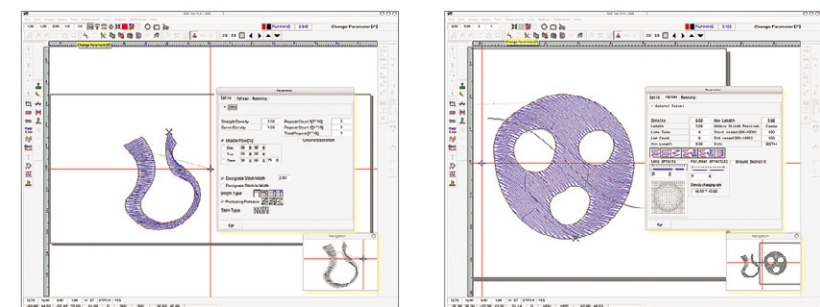
Data generation process can be simulated and each needle data can be easily checked.

### Convenient data generation and editing



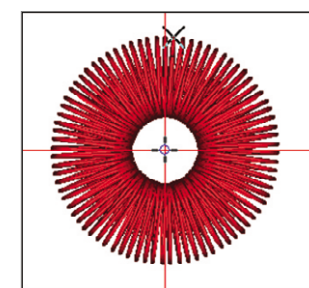
Desired data can be generated in an easy and prompt manner. Editing is also conveniently made. In addition, the sewing order is easily changeable due to the block-based data management.

### Convenient embroidery design punching



With the support of satin and tatami, simple embroidery designs can be generated.

### 3D view for actual sewing result check




Generated data can be checked in the 3D view that shows sewing results in the way similar to the actual work environment.

### Various external data support

1. Embroidery data support: DST,DSB
2. CAD data: DXF
3. Image data: BMP, JPG editing





**SunStar** classifies the basic items into knit, woven, jean, car seat/sofa, air bag, shoes, cap, bag, etc. to develop, produce and supply sewing machines to satisfy customer needs.

This is the SunStar's differentiated strategy to provide customers with satisfactory outcome by utilizing all available systems. Whenever, wherever, and whatever customers require, SunStar is willing to develop and produce necessary products from the viewpoint of customers.



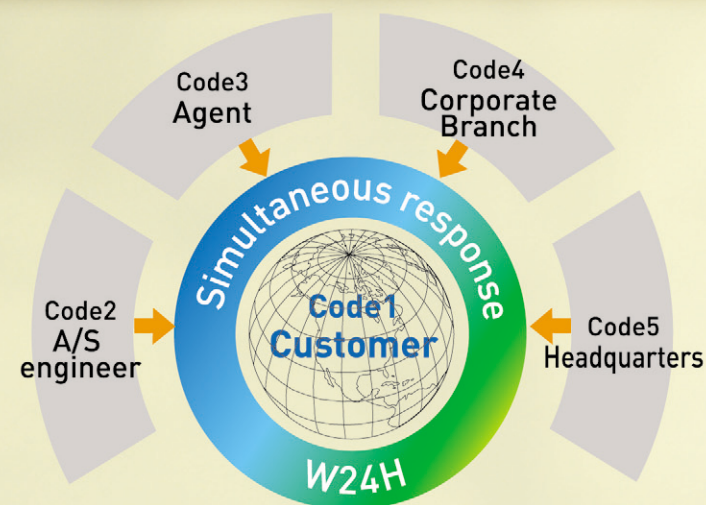
# W24H – Within 24 Hours

“W24H”, a one-step-ahead customer service, is another competitive edge SunStar is proud of.

By nature, precision machinery such as sewing and embroidery machines requires strict A/S services. SunStar has launched and operated an A/S service system called “W24H” to handle A/S requests within a short time and thereby delight customers.

## Anytime, Any place We assist you!

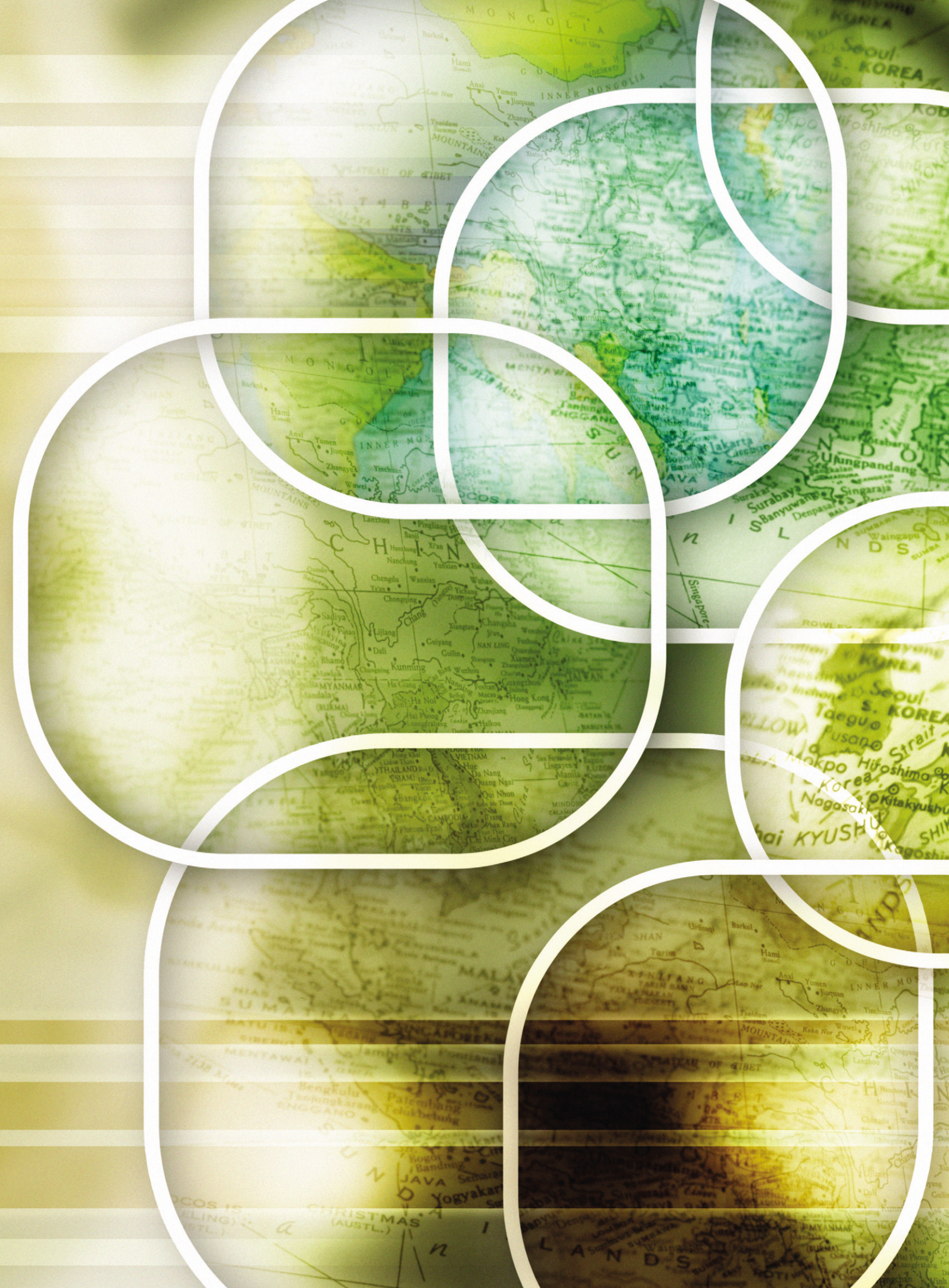
Each code connected to SunStar global A/S Networking System. The A/S request, current situation and result report will be processed quickly with cooperation from code 1 to code 5. Every delivery Information from code 1 to 5 will be based on totally automatic operating system!



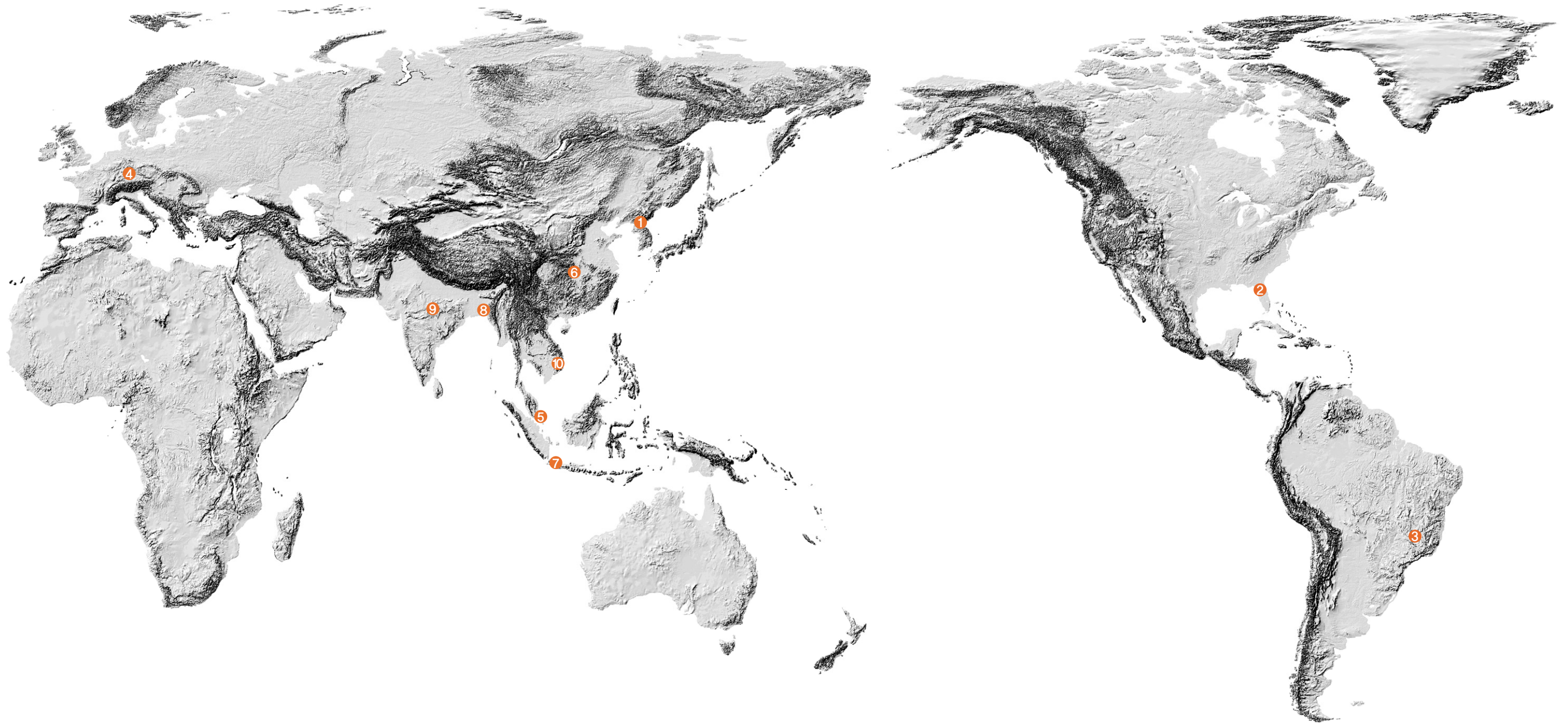
W24H analyzes A/S requests accepted from all over the world in real time and reacts to them within 24 hours from the receipt. The system was developed to ensure prompt arrival at customer sites and accurate troubleshooting. W24H enables the company to collect and analyze various data in real time, helping guarantee world best quality of its sewing and embroidery machine products and the best A/S services. SunStar's sales agents and A/S service staffs can access a portal site run by W24H, checking and reacting to the problems related to particular versions or mechanic problems frequently. This process more ensures prompt and accurate A/S service delivery to customers.

In the areas where the Internet is unstable, W24H offers SOLO, an offline equivalent to the online A/S portal site. The SOLO data is transferred to the W24H system regularly and put under integrated management. The SOLO data transferred to head office is thoroughly analyzed and the analysis is used as a source of improving machine quality and efficient managing of the customers and machines. In the end, the process contributes to strengthening customer trust and elevating customer satisfaction.

W24H Site : [www.sunstarcs.com](http://www.sunstarcs.com)







# Overseas Network

## Korea

- 1 SUNSTAR CO., LTD.**  
#178-212, Gajwa-Dong, Seo-Gu, Incheon, Korea  
TEL: (032)580-5600 FAX: (032)584-3020  
WEB-SITE <http://www.sunstar.co.kr>

**I OVERSEAS MARKETING DIVISION I**  
#178-212, Gajwa-Dong, Seo-Gu, Incheon, Korea  
TEL: 82-32-580-5741~60 FAX: 82-32-584-3025~6  
E-MAIL [marketing@sunstar.co.kr](mailto:marketing@sunstar.co.kr)

**SUNSTAR R&C CO., LTD.**  
#178-212, Gajwa-Dong, Seo-Gu, Incheon, Korea  
TEL: (032)570-0200 FAX: (032)573-4260

**JAE WOON CO., LTD.**  
#176-5, Jukyo-Dong, Choong-Gu, Seoul City, Korea  
TEL: (02)2266-4282, 2267-1854 FAX: (02)2277-2174

**I BUSAN BRANCH OFFICE I**  
Woojae Bldg. 1St Floor, #618-14, Bumil-Dong,  
Dong-Gu, Busan City, Korea  
TEL: (051)633-9985~6, 632-9300 FAX: (051)631-5968

- I DAEJEON BRANCH OFFICE I**  
#72-36, Hongdo-Dong, Dong-Gu, Daejeon City, Korea  
TEL: (042)632-1290, 1291 FAX: (042)632-1292

**I DAEGU BRANCH OFFICE I**  
Dongwon Bldg. 1st Floor, #145-7, Dalsung-Dong,  
Joong-Gu, Daegu City, Korea  
TEL: (053)562-1092 FAX: (053)562-1093

## Overseas

- 2 U.S.A.**  
**I SUNSTAR U.S.A. INC I**  
11475 N.W. 39th St, Miami, Florida 33718, USA  
TEL: 1-305-591-9596 FAX: 1-305-591-0661

**3 BRASIL**  
**I SUNSTAR DO BRASIL LTDA I**  
Rua Da Graca, 668, Bom Retiro, Sao  
Paulo -SP- Brasil, CEP.01.125-000  
TEL: 55-11-3362-3434 FAX: 55-11-3362-3444
- 4 EUROPE**  
**I SUNSTAR MACHINERY EUROPE GMBH I**  
IZ NOE-SUED - Strasse 7, Obj. 58/D3 A-2355  
Wiener Neudorf, Austria  
TEL: 43-2236-660-229 FAX: 43-2236-660-2293

**I REPRESENTATIVE OFFICE (BELARUS) I**  
220113, Melezha str. 5/2 - 204, Minsk, Belarus  
TEL: 375-17-237-1834

**5 SINGAPORE**  
**I SUNSTAR MACHINERY (SINGAPORE) PTE. LTD. I**  
8, Eu Tong Sen Street #16-86 (New age, office 2)  
The Central S(059818)  
TEL: 65-6227-7545 FAX: 65-6227-7905

**6 CHINA**  
**I SUNSTAR MACHINERY(SHANGHAI) CO.,LTD. I**  
# 7 Yangong Rd, Shanghai International Automobile City  
Assembly Equiped Industrial Zone, Jiading, Shanghai, China  
TEL: 86-21-6957-6308~6312c FAX: 86-21-6957-6093

**I SUNSTAR MACHINERY(SHANGHAI) CO.,LTD. MARKETING DIVISION I**  
TEL: 86-21-6353-2233 FAX: 86-21-6353-8640

- I SUNSTAR QINGDAO BRANCH OFFICE I**  
TEL: 86-532-6691-1236 FAX: 86-532-6691-2262

**I SUNSTAR NANJING BRANCH OFFICE I**  
TEL: 86-25-8459-4758 FAX: 86-25-8459-4408

**I SUNSTAR HANGZHOU BRANCH OFFICE I**  
TEL: 86-571-8577-9479 FAX: 86-571-8577-9478

**I SUNSTAR JINAN BRANCH OFFICE I**  
TEL: 86-531-8592-8258 FAX: 86-531-8592-8358

**I SUNSTAR DONGGUAN BRANCH OFFICE I**  
TEL: 86-769-2234-4043 FAX: 86-769-2234-4042s

**I SUNSTAR FUJIAN BRANCH OFFICE I**  
TEL: 86-595-8859-8871 FAX: 86-595-8859-8872

**I SUNSTAR ANHUI BRANCH OFFICE I**  
TEL: 86-551-424-8000 FAX: 86-551-424-8000

**I SUNSTAR WUHAN BRANCH OFFICE I**  
TEL: 86-27-8375-3080 FAX: 86-27-8375-0371

- 7 INDONESIA**  
**I SUNSTAR JAKARTA BRANCH OFFICE I**  
Office Jl.Boulevard BaratRuko Gading Buki Indah Book A/01  
Kelapa Gading Jakarta Utara 14241 Indonesia  
TEL: 62-21-4586-5839 FAX: 62-21-4586-5840

**8 BANGLADESH**  
**I SUNSTAR DHAKA BRANCH OFFICE I**  
Abedin Tower (9th floor) 35, Kamal Ataturk Avenue Road No-  
17, Banani, Dhaka-1213  
TEL: 88-02-881-9153 FAX: 88-02-883-5707

**I SUNSTAR CHITTAGONG BRANCH OFFICE I**  
"SWARG" HOUSE # 9, ROAD # 2, NORTH KHULSHI  
CHITTAGONG  
TEL & FAX: 88-031-255-2497

**9 INDIA**  
**I SUNSTAR BANGALORE BRANCH OFFICE I**  
# 163 43rd Cross , Jayanagar 8th Block, Near Sangam Circle,  
Bangalore 560041 India.  
TEL: 91-080-2653-0365/2653-0366 FAX: 91-080-2653-0367
- I SUNSTAR DELHI BRANCH OFFICE I**  
Plot NO B-255 Okhla Industrial Area, Phase 1 New Delhi  
110020 India.  
TEL: 91-11-4057-4207/4208/4209 FAX: 91-11-4057-4235

**10 VIETNAM**  
**I SUNSTAR HOCHIMINH BRANCH OFFICE I**  
1/6 Truong Chinh, Tan Thoi Nhat Ward, District 12  
HCMC, Vietnam  
TEL: 84-8-3592-3703 FAX: 84-8-3592-3704

**I SUNSTAR HANOI BRANCH OFFICE I**  
No. 12, Lot 4B, Trungyen 10A, Yen Hoa Ward, Caugiay Dist,  
Hanoi, Vietnam  
TEL: 84-4-3783-1446 FAX: 84-4-3783-1447