

>> Operation Panel



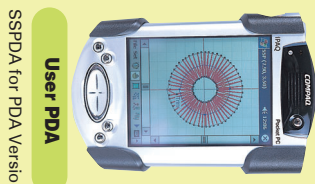
By using function button for pattern change, speed control, size reduction and enlargement, bobbin counter setting and so on, you can change function value very easily. In addition, 7 basic patterns can be memorized immediately by using 3 blue buttons, so you can change patterns fastly and do a chained work fantastically.



The operation panel can be easily installed on the anyplace on the table, so you can use this machine more conveniently.

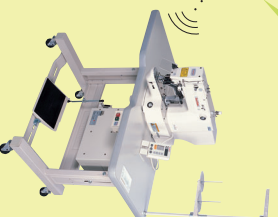
Option

>> Input Sewing Pattern Design Using of PDA/PC



User PDA  
SSPDA for PDA Version

Download Method  
1. IrDA Wireless Download  
2. RS-232C Serial Download



User PC  
SSPDA for PC Version

Bartack Series

• Applicable Machine  
SPS-1201 Series SPS-1202 Series  
SPS-1204 Series SPS-1203 Series



It is Convenient for Creating Pattern Design Using of PDA or PC  
But, in Case of Wireless, it is Limited to PDA, and a User Needs Special  
Wireless Adaptor (Option)

SPS/B-B1201  
SPS/A-B1201

SPS

/ B(A)

- B1201



Sunstar Pattern System

Series	
B	Direct Drive Type
A	Belt Drive Type

Use	
H	For heavy materials
M	For general materials
L	For thin materials
K	For knit

Hook Type	
BL	Large Shuttle Hook

Model Name

Specification

Model	SPS/B-B1201H	SPS/B-B1201M	SPS/B-B1201L	SPS/B-B1201K
Sewing Area(X, Y)	Max. 2,700spm		X : 40mm, Y : 20mm	
Sewing Speed	0.1~10mm		Normal 2,000spm	
Stitch Length	Feeding by Pulse Motor		41.2mm	
Feeding System	DPx17#19		DPx5#11	
Needle Bar Stroke	Standard Shuttle Hook (Double Capacity Shuttle Hook : Sub Model)		Max. 17mm	
Hook	Max. 10,000 Stitches		Max. 99 Patterns(Standard 32 Patterns)	
Height of Presser Foot	P-ROM		Provided	
No. of Stitches	P-ROM		Provided	
No. of Patterns	Max. 99 Patterns(Standard 32 Patterns)		Provided	
Memory	Max. 99 Patterns(Standard 32 Patterns)		Provided	
Trimming Device	Max. 99 Patterns(Standard 32 Patterns)		Provided	
Wiper	Max. 99 Patterns(Standard 32 Patterns)		Provided	
Motor	SPS/B-Series : 500W Direct Drive AC Servo Motor, SPS/A-Series : 550W AC Servo Motor		600VA	
Power Consumption	SPS/B-Series : 500W Direct Drive AC Servo Motor, SPS/A-Series : 550W AC Servo Motor		600VA	
Power	1-Phase 100~240V, 3-Phases 200~440V, 50/60Hz		600VA	

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



SUNSTAR MACHINERY CO., LTD.

TRADE OFFICE

# 119-012, GAYUM, PONG, SEO-KU, INCHON, KOREA  
TEL : (82-32)590-5740 ~ 60 FAX : (82-32)594-3025 ~ 6

WEB SITE : sunstar.co.kr  
E-MAIL : sunstar@sunstar.co.kr  
http : // www.sunstar.co.kr

OVERSEAS NETWORK

SUNSTAR MACHINERY (SHANGHAI) CO.,LTD.  
TEL : 86 21 5353 2233 FAX : 86 21 5353 8840  
SUNSTAR MACHINERY (SHANGHAI) CO.,LTD. SHANGHAI BRANCH  
TEL : 86 21 5353 2233 FAX : 86 21 5353 8840  
SUNSTAR QINGDAO BRANCH  
TEL : 86 532 482 2236 FAX : 86 532 481 1282  
SUNSTAR WUJIAO BRANCH  
TEL : 86 25 464 7389 FAX : 86 25 464 7389  
SUNSTAR HANGZHOU BRANCH  
TEL : 86 571 8704 1103 FAX : 86 571 8801 0946

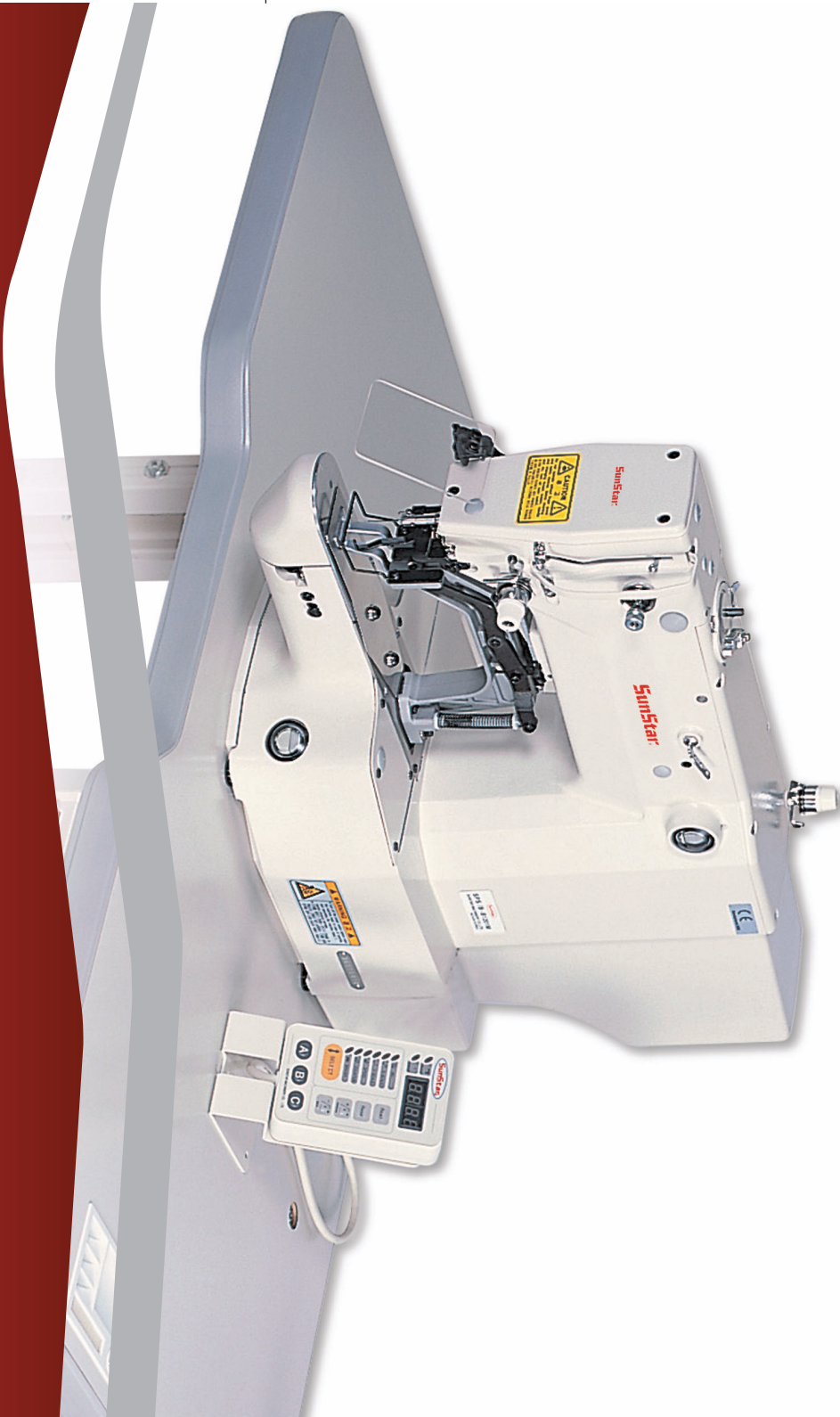
OVERSEAS NETWORK

SUNSTAR TAIWAN BRANCH  
TEL : 86 22 2445 8882 FAX : 86 22 2445 2400  
SUNSTAR HONGKONG LTD.  
TEL : 852 2729 7078 FAX : 852 2729 7573  
SUNSTAR GUANGDONG BRANCH  
TEL : 86 759 246 7670 FAX : 86 759 234 4002  
SUNSTAR FUJIAN BRANCH  
TEL : 86 591 552 3171 FAX : 86 595 659 8872  
SUNSTAR JIANGSU INC.  
TEL : 1 305 591 6596 FAX : 1 305 591 0661  
SUNSTAR HOCHIMINH BRANCH OFFICE  
TEL : 84 8 811 0302 FAX : 84 8 811 4588  
SUNSTAR HANOI BRANCH OFFICE  
TEL : 84 4 734 0268 FAX : 84 4 734 0278  
SUNSTAR NEW DELHI OFFICE  
TEL : 91 124 280 3006 FAX : 91 124 280 3007  
SUNSTAR JAKARTA BRANCH OFFICE  
TEL : 62 21 4584 5517 FAX : 62 21 451 3070

AGENT:

Electronically Controlled Bartacking Machine

SPS/B(A)-B1201 Series





# SPS/B(A)-B1201 Series

SPS/B(A)-B1201 Series made by SunStar  
high technology!  
Realize more improved and developed  
automatic sewing system

>> Direct Drive System Provides  
Excellent Responsiveness and  
Comfortable Working Environment  
(SPS/B-B1201 Series)



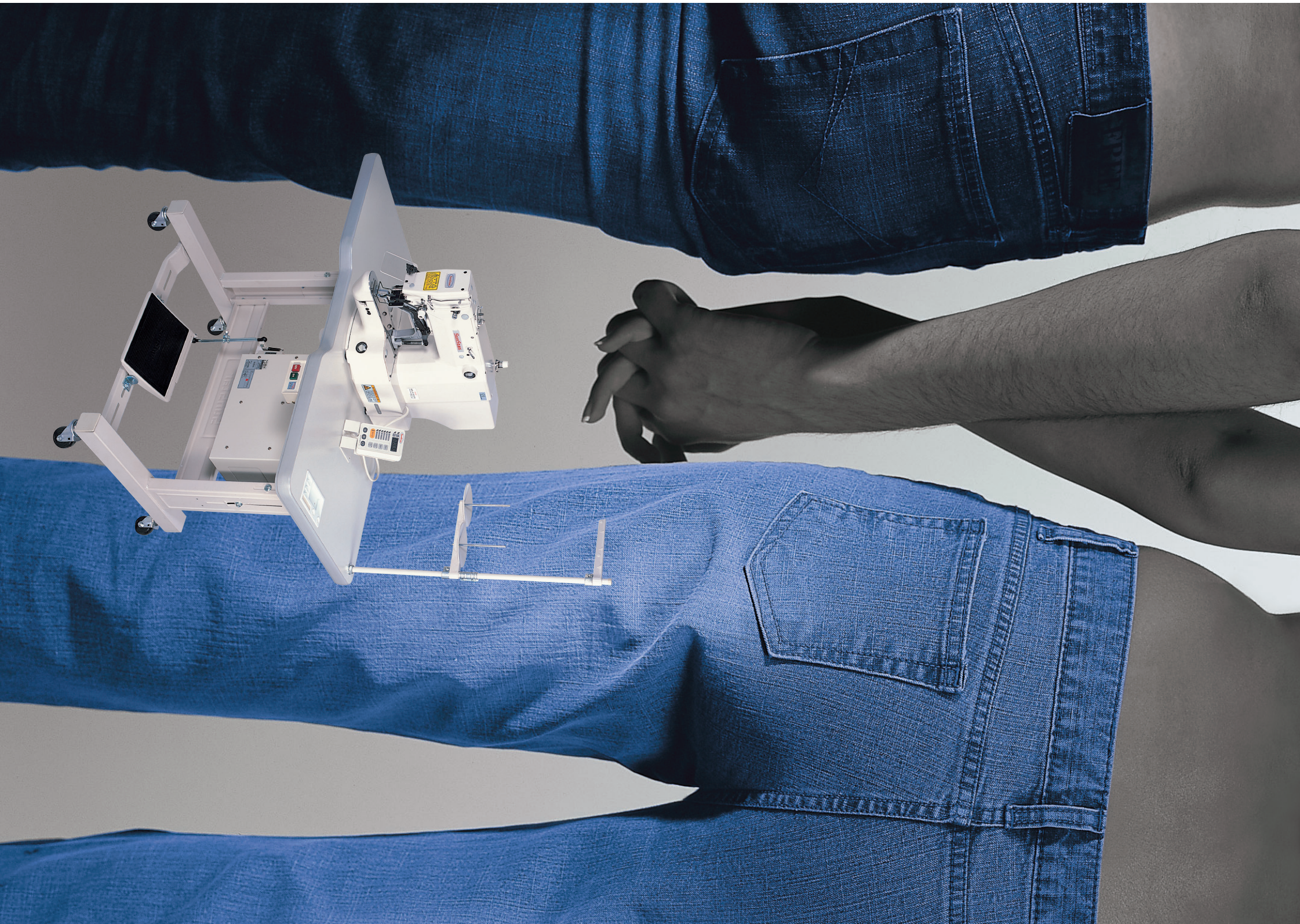
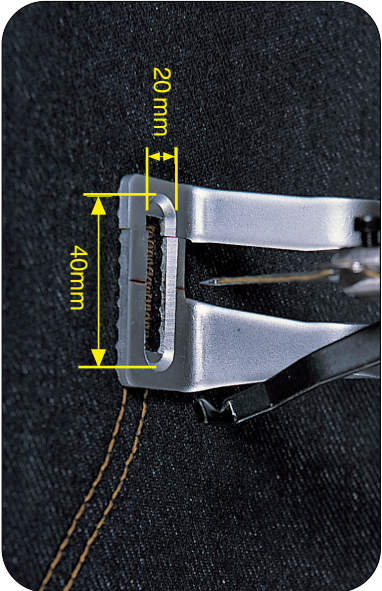
- Direct Drive System, newly developed by SunStar, means the motor is attached to the machine head directly. As the system connects the AC Servo motor to the upper shaft using the coupling, the machine provides improved responsiveness and upgraded stopping accuracy so it is optimum for high quality sewing.
- Since the V-belt is removed, vibration and noise are reduced. So the machine offers comfortable working environment, high productivity and low electric power consumption.
- In addition, the durability of the machine is greatly improved since there is no radial load from the V-belt.
- Direct drive system makes the installation job much easier and offers safe working environment.

## >> Multiple Pattern Supply

You can have 32 basic patterns at the time you purchase this machine. Basic patterns contain various stitches and sizes including large, medium, small and straight line bartacking. Also, you can see speedy and powerful performance under any kind of condition. (32 basic patterns+67 additional patterns=maximum 99 patterns)

## >> Excellent Productivity

Accomplished the best sewing speed, 2,700 spm. Sewing mechanisms such as X-Y feeding system, thread trimming, wiper and presser foot operation system have been developed to achieve the best productivity in any working place. Many parts of the existing mechanical bartack sewing machine including clutch, feeding cam and warm gear have been removed, which makes maintenance efforts unnecessary.



## >> Table of Standard Patterns

Application		For Heavy and General Materials									
NO.		1	2	3	4	5					
Pattern											
No. of Stitches		28	28	36	36	42					
SewingArea	X(mm) Y(mm)	10 2	16 2.5	10 2	16 2.5	10 2					
Application		For Heavy and General Materials									
NO.		6	7	8	9	10					
Pattern											
No. of Stitches		42	42	42	56	64					
SewingArea	X(mm) Y(mm)	16 2	16 2.5	24 3	24 3	24 3					
Application		For Thin Materials									
NO.		11	12	13	14	15	16				
Pattern											
No. of Stitches		21	28	36	14	21	28				
SewingArea	X(mm) Y(mm)	6 2.5	6 2.5	6 2.5	8 2	8 2	8 2				
Applica		Straight Line									
NO.		17	18	19	20	21	22				
Pattern											
No. of Stitches		21	28	28	36	41	44				
SewingArea	X(mm) Y(mm)	10 0	10 0	25 0	25 0	25 0	35 0				
Application		Length Wise			Length Wise Straight Line			Semi Circle			
NO.		23	24	25	26	27	28	29	30	31	32
Pattern											
No. of Stitches		28	36	42	56	18	21	21	28	42	42
SewingArea	X(mm) Y(mm)	4 20	4 20	4 20	4 20	0 20	0 10	0 20	0 20	11 7	11 7

Note) 1. Besides 32 basic patterns, 67 more patterns can be provided.  
2. You should choose the presser foot and feed plate that is fit for sewing range you planned.

## >> Ease of Maintenance

Many parts of the existing mechanical bartack sewing machine including clutch, feeding cam and warm gear have been removed, which makes maintenance efforts unnecessary. The reduced number of parts used enhances machine durability and enables a light-weighted machine.

## >> Best Efficiency

You can get a fast and stable bartacking job for any kinds of fabrics from heavy to knit.  
By adopting advanced seam mechanism, sewing range was extended and you can get a ultra fine stitches under any circumstance.

We equipped the machine with creative SunStar shuttle hook to have more credible stitches.  
Using 500 W(SPS/B-series)/550W(SPS/A-series) AC Servo motor as a main motor, it is able to deliver the best stroke. In particular, heavy materials can be powerfully handled.