KM-1080BL /1082BL SERIES

Post bed, 1/2-needles, unison feed, lock stitch sewing machine
with horizontal large hook and automatic thread trimmer

KM - 108 ■ BL ■ - ■

KM – 108 ■

Needles	
0	1-Needle
2	2-Needles

BL

Hook	
BL	Large hook (x1.6 Capacity)

■

Application	
None	Medium material ~ Heavy material
H	Extra heavy material

–

Thread trimming	
None	Non-thread trimming
7	Auto-thread trimming

⦿ Specification

Model		1080			1082		
		1080BL-7	**1080BL**	**1080BLH**	**1082BL-7**	**1082BL**	**1082BLH**
Application [material]		Medium~Heavy	Medium~Heavy	Extra heavy	Medium~Heavy	Medium~Heavy	Extra heavy
Max. sewing speed [spm]		2,500	2,500	2,000	2,500	2,500	2,000
Stitch length [mm]		0~9	0~9	0~12	0~9	0~9	0~12
Lift of the presser foot [mm]	Hand	10	10	10	10	10	10
	Auto	17	17	17	17	17	17
Thread take up stroke [mm]		76.2	76.2	76.2	76.2	76.2	76.2
Needle bar stroke [mm]		34	34	34	34	34	34
Working area [mm]		300	300	300	300	300	300
Bed size [mm]		568 x 178	568 x 178	568 x 178	568 x 178	568 x 178	568 x 178
No. of needles		1	1	1	2	2	2
Needle		DPx35 (#9~#23)	DPx35 (#9~#23)	DPx35 (#22~#25)	DPx35 (#9~#23)	DPx35 (#9~#23)	DPx35 (#22~#25)
Hook	Drive type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
	Position	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal	Horizontal
	Capacity	x1.6	x1.6	x1.6	x1.6	x1.6	x1.6
Lubrication		Auto	Auto	Auto	Auto	Auto	Auto
Thread roll		○	○	○	○	○	○
Auto backtack		○	-	○	○	-	○
Auto thread trimming		○	-	-	○	-	-
Motor		Servo motor	Servo motor	Servo motor	Servo motor	Servo motor	Servo motor

Specifications and appearance of products are subject to change without notice for the performance improvement.

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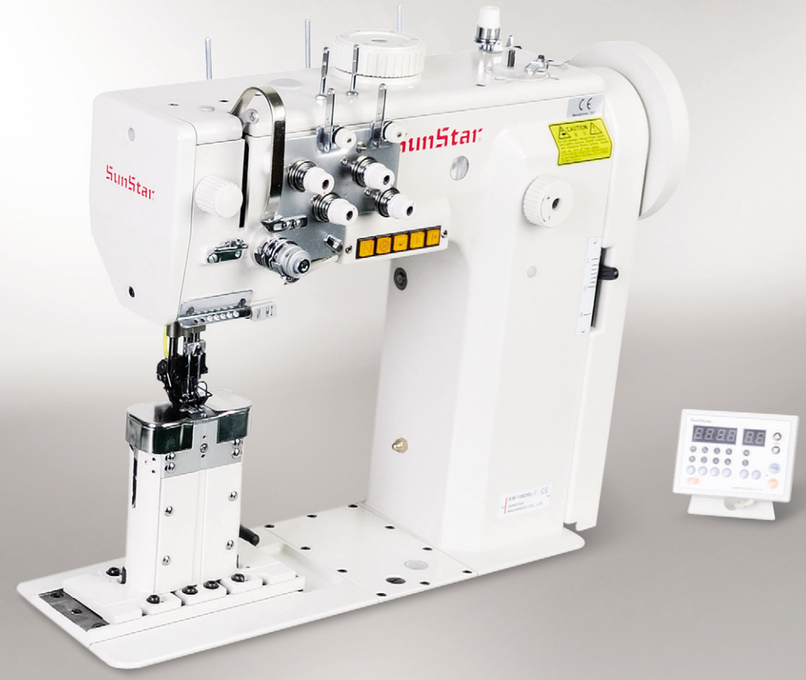
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UNISON FEED



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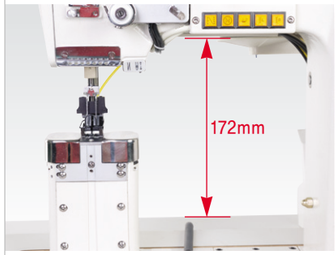
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FEATURE

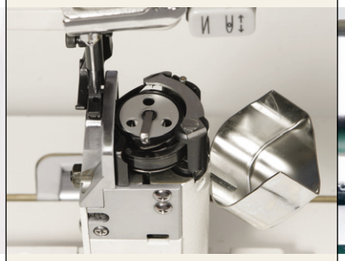
01



Spacious Working Area

The 172mm post has secured a broader working space, thereby contributing to productivity enhancement and better work convenience.

02



Large Hook (1.6-fold)

The use of a 1.6-fold large hook has reduced the time of bobbin replacement, thereby contributing to productivity enhancement.

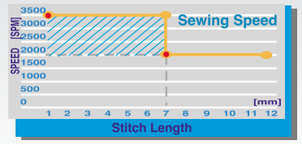
03



Instant Stitch Count Change

After setting different stitch counts, in the middle of sewing, stitch count can be simply changed by pressing the stitch count change switches.

04



Sewing Speed Change in Line with Stitch Count

The stitch length-based automatic sewing speed control can secure the safety of the machine operation.

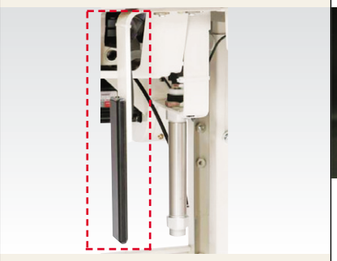
05



Seam Center Guide-Applied Presser Foot

The presser foot applied with the seam center guide prepares the accurate seam conditions for the 2-line parallel sewing process.

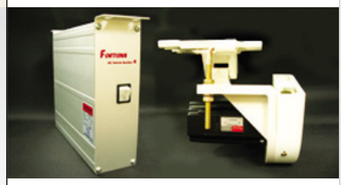
06



Pneumatic Lap Switch

The lap switch of changing presser foot controls the height of presser foot on the different thickness of material between the main and subordinate presser foot while working on the materials which have significant difference in thickness. This guarantees easy sewing work.

07

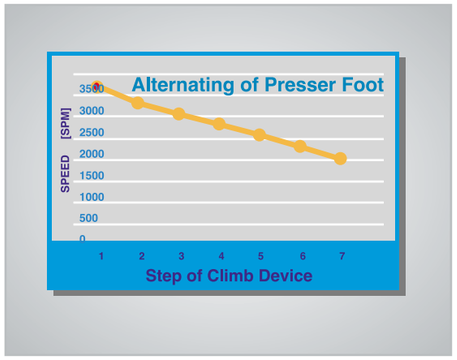


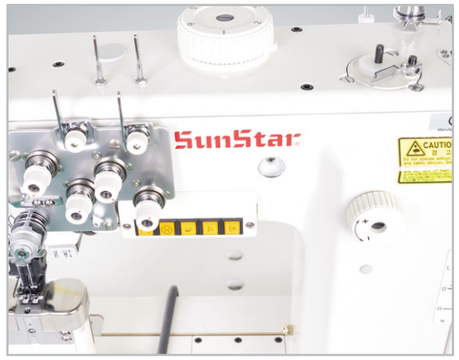
750W Servo Motor

Equipped with 750W servo motor which shows the largest torque in the same class. It supports the sewing machine to easily perform on the heavy material.

THE CHANGING OF SEWING SPEED BY THE DIFFERENT THICKNESS OF MATERIAL.

Depending on the different thickness of materials, sewing speed can be adjusted automatically in seven steps from 1,600spm to 2,500spm. Therefore, the product durability and work performance have been enhanced.





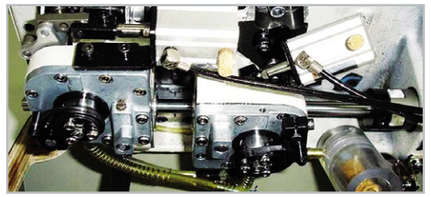
PF OVERLAP VOLUME / CLIMB DIAL

Independently operating left, right thread adjusting device. If a sewing material has different thickness on the left and right side, the upper thread tension can be differently applied to the left and right sides by using buttons. This provides the best sewing conditions.



PNEUMATIC TRIMMER

The reliable pneumatic trimming mechanism has enhanced the trimming function for a variety of thread types.



KM-1080BL KM-1082BL	Dual tension	Needle bar up /dn stop	–	–	–	KM-1080BL-7 KM-1080BLH	Stitch count change	Backtack insert delete	Stepped level change	Dual tension	Needle bar up /dn stop				
	LED	-	-	-	-		LED	-	LED	LED	-				
KM-1082BL-7	Stitch count change	Backtack insert delete	Stepped level change	Dual tension	Seam Center Guide	KM-1082BL-7 (Option)	Stitch count change	Backtack insert delete	Seam Center Guide	Dual tension L	Dual tension R	KM-1082BLH	Stitch count change	Backtack insert delete	Dual tension L	Dual tension R	Seam Center Guide
	LED	-	LED	LED	LED		LED	-	LED	LED	LED		LED	-	LED	LED	LED