

KM-957 / 967Series

Post Bed, wheel Feed with Driven Roller Foot, 1/2-Needle,
Needle Feed Lock Stitch M/C / Post Bed, wheel Feed with
Driven Roller Foot, Straight Lock Stitch M/C



KM-9 **7**

5	1needle
6	2needle

SR : Small Post

Trimming and Motor	
No Mark	Non-Trimming Type : Clutch Motor
7S	Trimming Type : Servo Motor

KM-957 Post bed wheel, feed with driven roller foot, 1-needle, needle feed lock stitch machine

KM-957-7 Post bed wheel, feed with driven roller foot, 1-needle, needle feed lock stitch machine with thread trimmer

KM-957SR Post bed wheel, feed with roller driven small saddle, 1-needle, needle feed lock stitch machine

KM-967 Post bed wheel, feed with driven roller foot, 2-needle, straight lock stitch machine

KM-967-7 Post bed wheel, feed with driven roller foot, 2-needle, straight lock stitch machine with thread trimmer

Specification

Model	KM- 957	KM- 957-7	KM- 957SR	KM- 967	KM- 967-7
Application	Thin~Medium Heavy Materials				
Max. Sewing Speed(spm)	3,500spm		2,500spm	3,000spm	
Max. Stitch length	5mm			4.2mm	
Needle Bar Stroke	38 mm				
Lift of the Presser Foot	7 mm by hand, 14.6 mm by knee				
Hook	Rotary Horizontal Standard Hook				
Needle	DP X 5#14 (#11~#18)			DP X 5#14 (#11~#18)	
Trimming Device	-	○	-	-	○
Needle Up-Down	-	○	-	-	○
Automatic Presser Foot Lifter	-	○ (option)	-	-	○ (option)
Gauge	-			1.2~4.3 mm	
Feeding Type	Needle Feed			Bottom Feed	

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

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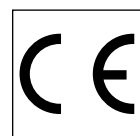
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KM-957 Series KM-967 Series

Post Bed, wheel Feed with Driven Roller Foot, 1/2-Needle,
Needle Feed Lock Stitch M/C / Post Bed, wheel Feed with
Driven Roller Foot, Straight Lock Stitch M/C

Find your Solution
SunStar®

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Driven Roller Foot, Straight Lock Stitch M/C

Find your Solution

SUNSTAR roller power-driven type of post bed series can keep constant stitch and smooth cornering work in any condition with accurate transfer by upper roller presser foot and down wheel.

A new advanced mechatronics has been ideally achieved by adoption of the newly developed and automatic thread trimming Fortuna AC servo motor to be equipped with the newest advanced function. The various functions were created for operational convenience. This new product will greatly contribute to high quality of sewing pattern and enhancement of productivity.

>> CONTROLLER SPEC.

Installed the Fortuna AC Servo Motor Series III with Up-to-Date Functions!!

Model	Input Phase	Main Functions	Standard Parts
S3AC55 - 1 <input type="checkbox"/>	1ø 110V	• Simple speed changing function using the program unit	• Synchronizer
S3AC55 - 2 <input type="checkbox"/>	1ø 220V	• Categorized speed adjustment of start/end back tack	• Pedal connection rod
S3AC55 - 3 <input type="checkbox"/>	3ø 220V	• Adjustment of sewing machine speed	• Power switch box etc.
		• Adjustment of the remaining upper thread's length after thread trimming	
		• Adjustment of the pressure for pedal operation	



>> PROGRAM UNIT FUNCTIONS

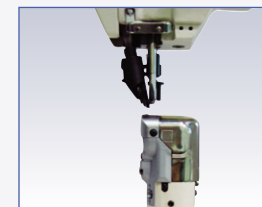
Function	Model	Economic Type	FullFunction Type
Start and end back-tack work		○	○
Selection of needle's Up/Down stop position		○	○
Selection of presser foot Up/Down stop position		○	○
Selection of thread trimmer and wiper performance		○	○
Correction or change of needle Up/Down stop position		○	○
Input of various sewing conditions		○	○
Programed number of stitches and programed sewing speed pattern work			○
Pattern connection function (Chain function)			○
Counter installment possible			○
Sewing material edge sensor installment possible			○

>> SPECIFICATIONS

- Quick and accurate position control. Swift response (Superbly fast acceleration and deceleration)
- Powerful program unit
- Easy to use speed change function
- Enhanced pattern sewing function
- Accurate back tack stitch number correction function
- Easy installment in any sewing machine
- Well-adaptable machine that fits any sewing environment
- Designed to meet the advanced standard requirements such as those of the US and European countries.
- Input/output as well as sequence changing functions appropriate for special equipment development.

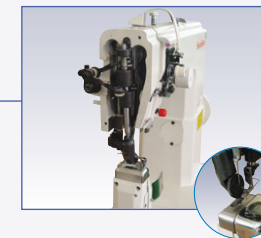
>> MOTOR SPEC.

Model	Motor Spec.	Standard
S3M55-S	Straight Type	550W
S3M55-T	Taper Type	3,000rpm 0.18kgfm



>> Small cylinder bed

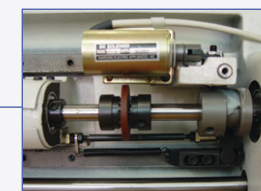
Equipped with a small saddle, KM-957SR enables the sewing of three-dimensional materials and small rounded corners.
Ex) Edges of the handbag bottom, children shoes, boots, female bags, etc.



>> Accurate transfer system by the upper roller presser foot and down wheel

- The Accurate transfer of sewing materials by the upper roller presser foot and down wheel enable this machine to accomplish an elaborate and beautiful sewing in any condition.

• Twice transfer per one time rotation of pulley by the combination transfer of wheels, needle and roller presser foot results in satisfaction that the width of needle hole of needle plate is enough to have a half size of the width of thread. (KM-957 Series)



>> Power-driven mechanism for simple thread trimming (Thread trimming type)

Convenient setting can be made by only operation of rod when changing gauge.

>> No oil supply system

You don't need to supply oil as this machine uses sealed type bearings on rotation parts. It guarantee comfortable environment of working and improved productivity.



>> Firm structure of thread cutting system (Thread trimming type)

- The film structure of thread trimming system enable either thick thread or thin thread to guarantee clean and beautiful sewing.
- Moving and Fixed Knife can be easily disassembled, assembled and controlled.

>> The button for needle to move up and down as well as to stop.

General operating is simple by the attachment of button at the table for needle to move up and down.



>> Easy system for control of length of stitch

The stitch length doesn't change vibration during operation, since button. For adjustment of stitch, the feed cam can be controlled directly.



>> Solenoid type regulator for tension of thread (Thread Trimming type)

- Solenoid was installed to regulate tension of thread without any difficulties.
- The length of upper thread remained in needle after thread trimming can be controlled easily in the control box.



>> It has a built-in position detector

It simplifies outer shape of the machine as well as has precise sense of signal on servo motor by the P.C.B. which is built in machine pulley instead of attachment of complicated position directly.