

KM-957 / 967 Series

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

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

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

Specifications

Model	KM- 957	KM- 957-7	KM- 957SR	KM- 967	KM- 967-7
Application	Thin~Medium Heavy Materials				
Max. Sewing Speed	3,500 spm		2,500 spm		3,000 spm
Max. Stitch Length	5 mm			4.2 mm	
Needle Bar Stroke	38 mm				
Height of Presser Foot	7 mm by hand, 14.6 mm by knee				
Hook	Standard				
Needle	DP x 5#14 (#8~#23)			DP x 17#16 (#14~#23)	
Trimming Device	-	o	-	-	o
Needle Up-Down	-	o	-	-	o
Automatic Presser Foot Lifter	-	◆ (Option)	-	-	◆ (Option)
Gauge	-			1.2~4.3 mm	

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

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

KM-957 Series / KM-967 Series



SunStar

KM-957/967 Series

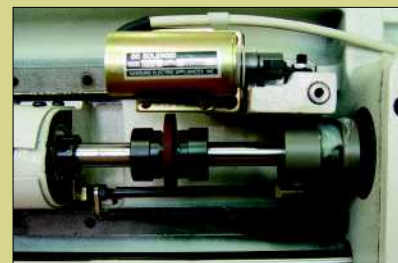
SUNSTAR roller power-driven type of post bed series can keep constant stitch and smooth cornering work in any condition with accurate transfer by upper roller presser foot and down wheel.

A new, higher level of advanced mechatronics has been ideally achieved by the grafting of the newly developed, automatic thread trimming Fortuna AC servo motor, equipped with the most up-to-date function, to our new sewing machine KM-967 Series : total integration of new, varied functions created for operational convenience. This new product will contribute greatly to upgrading variable of sewing pattern quality and to increased productivity.



▶ 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 regulation 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 either comfortable environment of working with or 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 regulated.

▶ The machine holds devices of 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 regulation of length of stitch

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



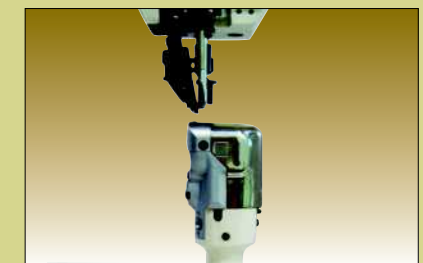
▶ It has a built-in position detector

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 detector.



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

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



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.

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

CONTROLLER SPEC.

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



PROGRAM UNIT FUNCTIONS

Function	Model	Basic Type	Option Type
Start and end back-tack work		○	○
Selection of needle 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		○	○
Programmed number of stitches and programmed 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 standard requirements of developed countries 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 3,000rpm 0.18kgfm
S3M55-T	Taper Type	



**HEC 470 Series II
N.P Motor**
Non-contact (Eddy Current)
automatic trimming motor