

KM-967B Series

KM-967B

Post Bed, Wheel Feed with a Driven Roller Foot,
2-Needle Straight Lock Stitch Machine
with a Back Tack Type

KM-967B-7

Post Bed, Wheel Feed with a Driven Roller Foot,
2-Needle Straight Lock Stitch Machine with a Back
Tack Type and an Automatic Thread Trimmer

Specification

Model	KM- 967B	KM- 967B-7
Application	Thin~Medium Heavy Materials	Thin~Medium Heavy Materials
Max. Sewing Speed	3,000 spm	
Max. Stitch Length	4.2 mm	
Needle Bar Stroke	38 mm	
Height of Presser Foot	7 mm by hand, 10 mm by knee	
Hook	Standard	
Needle	DP×17 (#14~#23)	
Trimming Device	-	○
Needle Up-Down	-	○
Automatic Presser Foot Lifter	-	◆ (Option)
Gauge	1.2~3.2 mm	

Option Gauge

Model	Spec.				
	1.2mm	1.6mm	2mm	2.4mm	3.2mm
KM-967B	○	○	○	○	○
KM-967B-7	○	○	○	○	○

(Standard : 2.4mm)

※ Roller Presser Foot : Large type (φ 36) / Small Type (φ 26)

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



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AGENT:

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

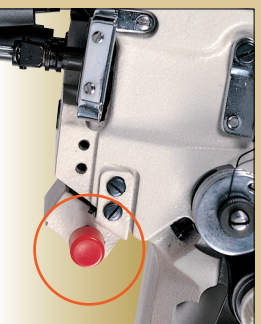
KM-967B Series



KM-967B Series

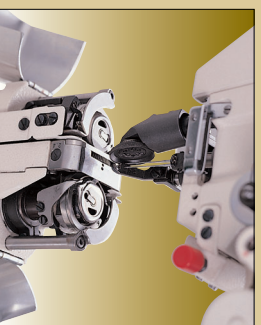
SunStar Result of Mechatronics, Post Bed, Wheel Feed With Driven Roller Foot, 2-Needle Straight Lock Stitch Machine, with a Back Tack Type and an Automatic Thread Trimmer

Installed automatic backtack(reverse process) devices, KM-967B series which pursues more convenient and perfect sewing is one of the state-of-the-art sewing machines that has greatly improved the function of existing roller driven post. Also it realizes perfectly the high mechatronics of sewing machine by attaching the automatic trimming motor called FORTUNA AC SERIES II SERVO, a brand-new product. The machine will make a contribution to improvement of productivity by raising countermeasure against sewing pattern rapidly diversified.



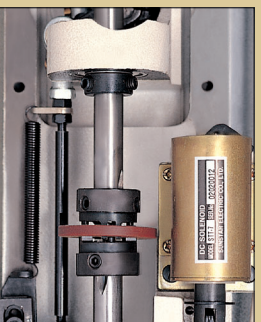
▶ Convenient Reverse Process Button Devices

Reverse process is now available without taking off your hands from the sewing materials by installing the reverse process button.



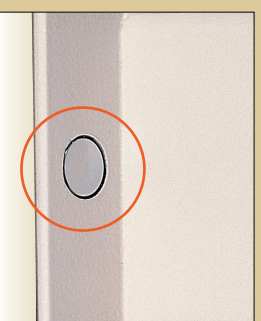
▶ Stable Trimming Cut Structure (Trimming Type)

- The stable trimming cut structure guarantees clean and nice finishing from thick to thin thread.
- The movable and fixed mes are easily assembled, disassembled and adjusted.



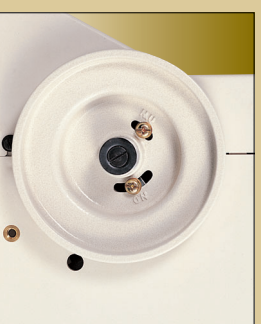
▶ Simple Trimming Drive Device(Trimming Type)

It is easy to set up the gauge transformation by adjusting the length of rod.



▶ Simple Adjusting System for Stitch Length

By adjusting directly the feed cam using a button for stitch length adjustment, variation in the set stitch length occurred by a vibration is not possible.



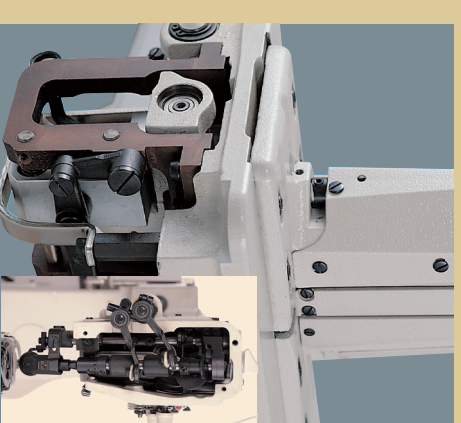
▶ Built-In Position Detector

By installing a built-in P.C.B in the machine pulley, instead of complicated position detector, the machine can support the simplified appearance of machine as well as precious sensing of signal.



▶ Accurate Feeding Structure by Roller Presser Foot and Wheel Feed Dog

The accurate feeding of materials by up-down roller guarantees even and beautiful sewing state under any condition.



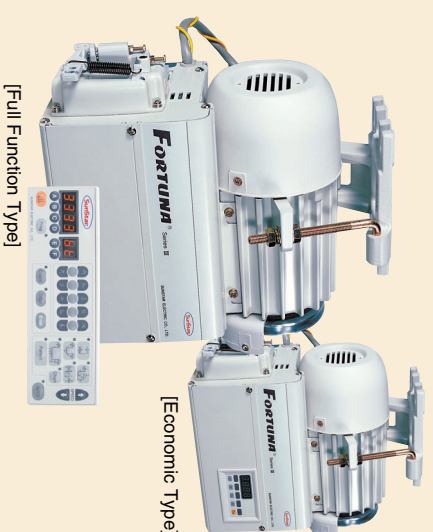
▶ Stable Structure of Automatic Backtack Device(Patent Pending)

Our own stable automatic backtack mechanism performs correctly the inputted stitches during starting and finishing and carries out backtack stably at any spot by pressing a backtack button during sewing so that the machine realizes more perfect productivity and higher quality sewing.

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

CONTROLLER SPEC.

Model	Input Phase	Main Functions	Standard Parts
S3AC55 - 1 <input type="checkbox"/>	1 Ø 110V	<ul style="list-style-type: none"> • Simple speed changing function using the program unit • Categorized speed adjustment of start/end back tack • Adjustment of sewing machine speed increase curve • Adjustment of the remaining upper thread's length after thread trimming • Adjustment of the pressure for pedal operation 	<ul style="list-style-type: none"> • Synchronizer
S3AC55 - 2 <input type="checkbox"/>	1 Ø 220V	<ul style="list-style-type: none"> • Adjustment of the remaining upper thread's length after thread trimming • Adjustment of the pressure for pedal operation 	<ul style="list-style-type: none"> • Pedal connecting rod • Power switch box etc.
S3AC55 - 3 <input type="checkbox"/>	3 Ø 220V		



PROGRAM UNIT FUNCTIONS

Function	Model	Basic Type	Option Type
Start and end back-tack work		<input type="checkbox"/>	<input type="checkbox"/>
Selection of needle Up/Down stop position		<input type="checkbox"/>	<input type="checkbox"/>
Selection of presser foot Up/Down stop position		<input type="checkbox"/>	<input type="checkbox"/>
Selection of thread trimmer and wiper performance		<input type="checkbox"/>	<input type="checkbox"/>
Correction or change of needle Up/Down stop position		<input type="checkbox"/>	<input type="checkbox"/>
Input of various sewing conditions		<input type="checkbox"/>	<input type="checkbox"/>
Programmed number of stitches and programmed sewing speed pattern work		<input type="checkbox"/>	<input type="checkbox"/>
Pattern connection function (Clean function)		<input type="checkbox"/>	<input type="checkbox"/>
Counter installment possible		<input type="checkbox"/>	<input type="checkbox"/>
Sewing material edge sensor installment possible		<input type="checkbox"/>	<input type="checkbox"/>

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
S3M55-T	Taper Type	0.18kg/m

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

