

KM-506 Series

KM-506-7S | KM-506-7N | KM-506

1-Needle, Straight Lock Stitch Machine
With a Vertical Edge Trimmer

KM-530 Series

KM-530-7S | KM-530-7N | KM-530

1-Needle, Needle Feed, Lock Stitch Machine
With a Vertical Edge Trimmer

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

Specification

Model	KM-506-7S(N)		KM-530-7S(N)	
Feeding Type	Drop Feed		Needle Feed	
Application	General Materials			
Max. Sewing Speed	5,000 spm(Commercial Use : 4,000)			
Max. Stitch Length	5mm			
Needle Bar Stroke	30.7mm			
Thread Take-up Stroke	59.2mm			
Height of Presser Foot	Hand : 5.5mm / Knee : 14mm			
Height of Presser Foot (Automatic)	14mm(Optional)			
Mes. Stroke (Automatic)	6.5mm			
Hook	Rotary Standard Hook			
Trimming Device	Trimming(-7S/-7N) : Provided			
Motor	Trimming(-7S) : Servo Motor			
	Trimming(-7N) : N.P Motor			
	Non-Trimming(No Mark) : Clutch Motor			

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



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AGENT:

1-Needle, Straight Lock Stitch Machine

KM-506 / 530 Series



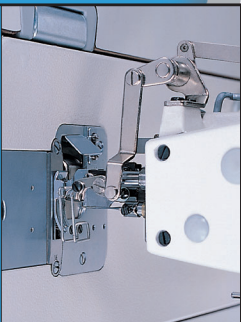
KM-506-Series KM-530-Series

KM-506 /KM-530 series attached mes are ideal machines that can realize sewing and cutting simultaneously and easy to use with multi-functional and ultra modern design from the view of users.

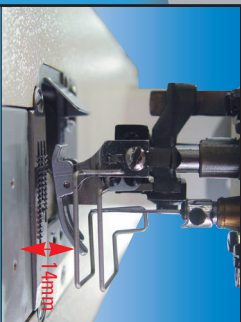
You can take a leading role to improve competitiveness through these series with two compound functions that have wide sewing correspondence and beautiful capacity stable as well as keen cutting ability.



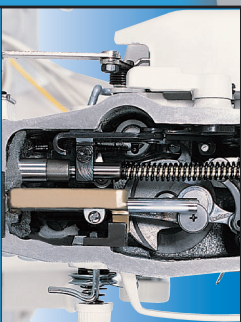
With design of mes activating mechanism put into interior of arm, general sewing and exchange of cutting sewing are easy as working environments is simple and it contains excellent level system enough considered clutch movement of knife up and down.



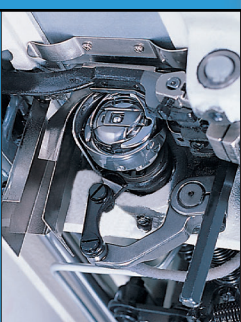
Productivity can be made great improvement by wiper mechanism for convenience of sewing, soft-touched Back-Tack button system and improved autumize peripheral device such as advaced response and powerful Back-Tack solenoid which minimizes power loss.



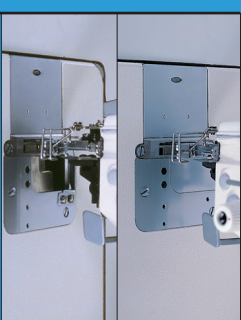
14mm lift of presser foot, highest record among the sewing machines of similar grade



Needle-feed system that the needle is perfectly accord with the timing of the feed dog is ideal to prevent puckering. Active needle movement has a great hold over the materials of sliding and thick, as it can be regulated largely than feed dog by 20%. (KM-530 Series)



Durability with light weight special material of needle bar frame has a special structure to prevent oil leakage. (KM-530 Series)



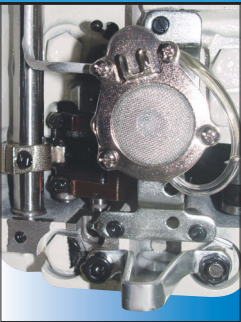
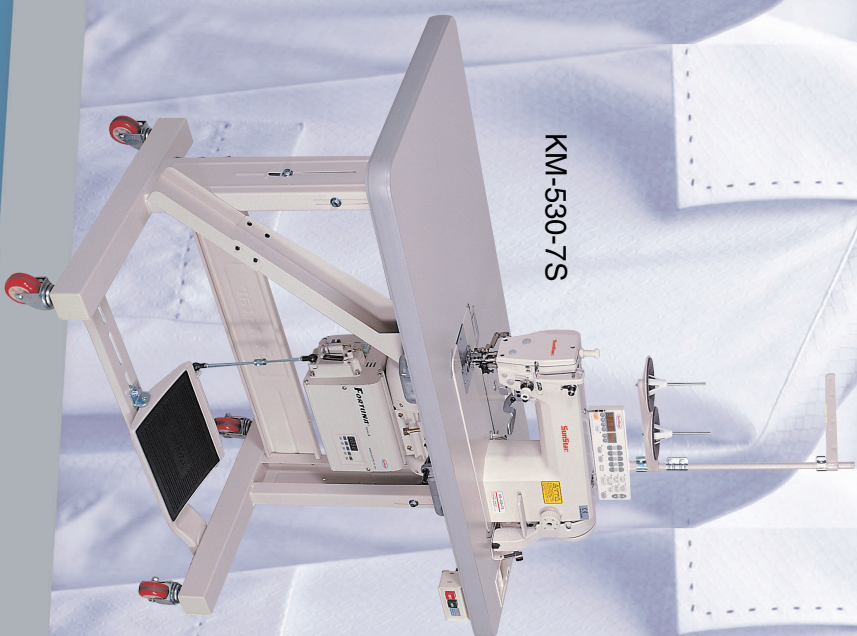
An extensive chip outlet with maximum 29.5mm width makes wide materials easy come forward and produce fast in any working circumstances. Also you can use it as a general lock-stitch sewing machine by covering the outlet when you don't need cutting.



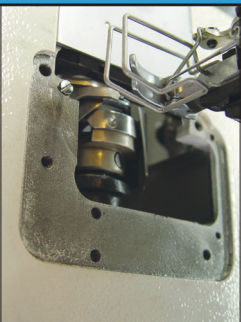
Perfect and keen cutting ability for all kind of materials for cutting and with free adjustment to forward, back, left and right is satisfied various cutting out clothes condition and wide gauge condition. Also the structure of upper knife with special alloy materials and lower knife with needle plate attached tip of ultra light alloy that has an distinguished durability.



Auto knee lifter solenoid attached directly to the machine head in the back minimize loss of power. It is connected and disconnected easily. It also helps for better operation by providing enough space in the lower part of table. (option)



The high-performance impeller pump is used to enhance durability of the internal moving section of the sewing machine.



The thread trimming mechanism equipped with moving mes and fixing mes made of special materials guarantees powerful thread trimming performance. It is durable and is not easily worn away. The thread trimming power can be adjusted, and this capability shines most when handling heavy materials. The remaining thread after trimming is minimized, leaving the shortest remaining thread among similar types of machine. (KM-506 Series)

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 Ø 110V	- 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	- Synchronizer - Pedal connecting rod - Power switch box etc.
S3AC55 - 2 ☐	1 Ø 220V		
S3AC55 - 3 ☐	3 Ø 220V		

[Full Function Type]



[Economic Type]

MOTOR SPEC.

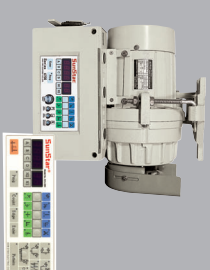
Model	Motor Spec.	Standard
S3M55-S	Straight Type	550W 3,000rpm
S3M55-T	Taper Type	0.18kgfm

PROGRAM UNIT FUNCTIONS

Function	Model	Basic Type	Option 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		☐	☐
Programmed 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 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.



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