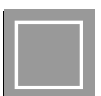


KM-506 Series

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	
	Trimming(-7S) : Servo Motor	
	Trimming(-7N) : N.P Motor	
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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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 lever system enough considered clutch movement of knife up and down.



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



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 advanced 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)

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 • Pedal connecting rod • Power switch box etc.
S3AC55 - 2 <input type="checkbox"/>	1 Ø 220V		
S3AC55 - 3 <input type="checkbox"/>	3 Ø 220V		

(Full Function 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		<input type="checkbox"/>	<input type="checkbox"/>
Selection of needle's 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"/>
Programed number of stitches and programed sewing speed pattern work		<input type="checkbox"/>	<input type="checkbox"/>
Pattern connection function (Chain 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 (Superly 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
Non-contact(Eddy Current)
automatic trimming motor

