

KM-250BL Series

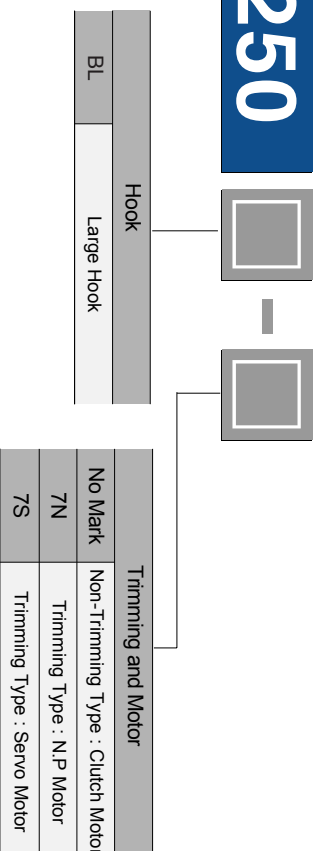
KM-250BL KM-250BL-7N KM-250BL-7S

KM-250BL

High Speed, 1-Needle, Lock Stitch Machine
With Large Hook

KM-250BL-7

High Speed, 1-Needle, Lock Stitch Machine
With Automatic Thread Trimmer & Large Hook



Specification

Model	KM-250BL	KM-250BL-7S	KM-250BL-7N
Application	Heavy Materials		
Needle	DB x 1 #20-#23		
Hook	Full Rotary Vertical Large Hook		
Max. Sewing Speed	3,500spm (Commercial Use : 3,000spm)		
Max. Stitch Length	7mm		
Needle Bar Stroke	34.6mm		
Thread Take-up Stroke	70.8mm		
Height of Presser Foot	5.5mm by Hand / 14mm by Knee		
Height of Presser Foot(Automatic)	14mm (Option)		
Back Tacking System	-	★	★
Needle Up-Down Stop Button	-	★	★
Automatic Thread Trimming	-	★	★
Automatic Presser Foot Lift	-	(Option)	(Option)
Motor	Clutch Motor	Servo Motor	N.P Motor

Application

- Continuous operation for thick materials such as jean, tent and bags is available.

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



TRADE OFFICE
178-212, GAIWA-DONG, SEO-KU, INCHON, KOREA
TEL : (82-32) 590-5740 ~ 60 FAX : (82-32) 594-3025 ~ 6
WEB-SITE
<http://www.sunstar.co.kr>

E-MAIL
sunstar@sunstar.co.kr
fortuna@sunstar.co.kr

OVERSEAS NETWORK
SUNSTAR MACHINERY (SHANGHAI) CO.,LTD.
TEL : 86 21 6957 6311 FAX : 86 21 6957 6312
SUNSTAR MACHINERY (SHANGHAI) CO.,LTD. SHANGHAI BRANCH
TEL : 86 21 6353 2233 FAX : 86 21 6353 9640
SUNSTAR QINGDAO BRANCH
TEL : 86 532 482 2236 FAX : 86 532 481 1282
SUNSTAR MAILUNG BRANCH
TEL : 86 25 464 7389 FAX : 86 25 464 7389
SUNSTAR HANGZHOU BRANCH
TEL : 86 571 8704 4709 FAX : 86 571 8801 6096

OVERSEAS NETWORK
SUNSTAR TIANJIN BRANCH
TEL : 86 22 445 8882 FAX : 86 22 445 2400
SUNSTAR HONGKONG LTD.
TEL : 852 2729 7078 FAX : 852 2729 7573
SUNSTAR GUANGDONG BRANCH
TEL : 86 759 249 1510 FAX : 86 759 234 4042
SUNSTAR FUJIAN BRANCH
TEL : 86 595 859 8871 FAX : 86 595 859 8872
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SUNSTAR HOCHIMINH BRANCH OFFICE
TEL : 84 6 811 0302 FAX : 84 6 811 4588
SUNSTAR HANOI BRANCH OFFICE
TEL : 84 4 734 0288 FAX : 84 4 734 0278
SUNSTAR NEW DELHI OFFICE
TEL : 91 124 280 3006 FAX : 91 124 280 3007
SUNSTAR JAKARTA BRANCH OFFICE
TEL : 62 21 4594 5317 FAX : 62 21 451 3870

www.SewTrain.com

Collier Equipment Co.

PO Box 175 / 100 Mill Creek Circle
Lexington, AL 35648

Ph: (256) 229-6595 / Fx: (256) 229-6779
eMail: Parts@CollierEquipment.com



1-Needle, High Speed,
Lock Stitch Machine With Large Hook

KM-250BL Series

SunStar



KM-250BL Series

KM-250BL Series show its sublime ability when sewing the ultra thick materials by adopting more powerful trimming structure and Large Hook!

Sunstar's single needle high speed sewing machine with double hook shows its excellent function when sewing the ultra thick materials by adopting more newly powerful trimming structure and vertical Large Hook. It realizes perfect mechatronics of sewing machine with installation of Fortuna AC Servo Motor Series III produced by Sunstar's high-Technology.



- Feeding & seaming mechanism not only for medium thick material but for ultra heavy material guarantees powerful stitching and perfect seaming.
- Longer thread take-up stroke comparing with other manufacturer's similar machines, 7mm of maximum stitching length, both make ultra heavy material stitching much better.



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



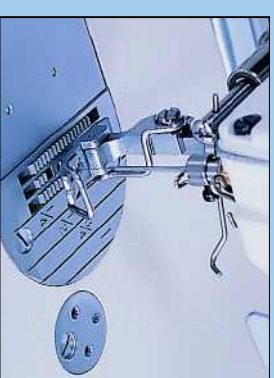
A number of accessories are offered to improve productivity. The Soft-touch reverse button and the attachment sheet.



The thread trimming mechanism equipped with copper mes and fixing mes made of special materials guarantees powerful thread trimming performance. It is durable and is not easily worn away. The threadtrimming 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.



By adopting vertical-axis Large Hook, the time for bobbin change is reduced with maximum productivity.

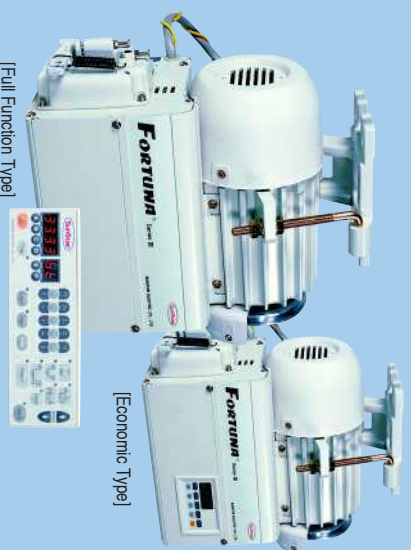


Gauge for 4 Match of thick material with wide width (Option)
You can directly experience the sublime performance, especially in the continuous sewing operation for thick materials such as jean or tent.



Auto knee lifter solenoid attached directly to the back of machine 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!



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



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

Motor Spec.

Model	Motor spec.	Standard
S3M55-S	Straight Type	550W 3,000rpm
S3M55-T	Taper Type	0.18kg/m

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"/>
Connection 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 (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"/>