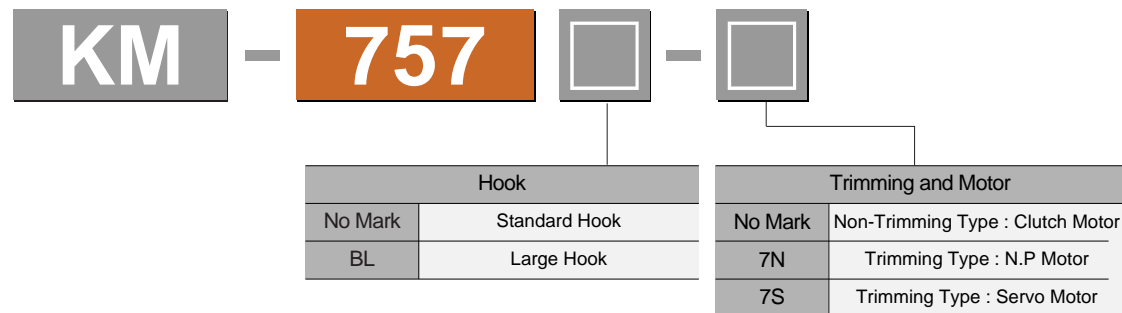


**KM-757 Series**

**KM-757-7S** High Speed, Twin-Needle, Needle Feed, Lock Stitch Machine with Automatic Thread Trimmer

**KM-757BL-7S** High Speed, Twin-Needle, Needle Feed, Lock Stitch Machine with Horizontal Large Hook and Automatic Thread Trimmer



High Speed, Twin Needle, Needle Feed, Lock Stitch Machine

# KM-757 Series

### Specification

Model	KM-757-7S(N)	KM-757BL-7S(N)
Application	Medium Materials and Heavy Materials	
Max. Sewing Speed	3,000spm	
Max. Stitch Length	5mm	7mm
Needle Bar Stroke	33.4mm	
Thread Take-up Stroke	57.2mm	62.1mm
Height of Presser Foot	Hand : 7mm / Knee : 15mm	
Height of Presser Foot(Automatic)	15mm(Optional Among Trimming Types)	
Hook	Horizon Standard Hook	Horizon Large Hook
Needle	DP×5 #14(#11~#22)	DP×5 #22(#11~#22)
Trimming Device	Trimming (-7S / -7N) : Provided Trimming (-7S) : Servo Motor Trimming (-7N) : N.P Motor	
Motor	Non - Trimming(No Mark) : Clutch Motor	

### Option Gauge

\* In case of using over 1-1/2" (38.1mm) gauge parts, it is required to make special matching on the arm bed.

Spec.	1/16"	3/32"	1/8"	5/32"	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"	5/8"	3/4"	7/8"	1"	1-1/4"	1-3/8"	1-1/2"	2"	2-1/16"	
Model	1.6mm	2.4mm	3.2mm	4mm	4.8mm	6.4mm	7.9mm	9.5mm	11mm	12.7mm	15.9mm	19mm	22.2mm	25.4mm	31.8mm	34.9mm	38mm	50.8mm	52.4mm	
KM-757	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	*	*
KM-757-7S/7N	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	*	
KM-757BL	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		
KM-757BL-7S/7N	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○	○		

### Application

A needle feed sewing machine that is completely free from unevenness in material feed and material puckering, suitable to fancy stitching for jeans, vinyl or leather, etc.

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



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# KM-757 Series

## New, Twin Needle Sewing Machine Series Developed Through The Advanced Technology of SunStar!

A new, higher level of advanced mechatronics has been ideally achieved by the grafting of the newly developed, automatic thread trimming FORTUNA III AC SERVO MOTOR, equipped with the most up-to-date function, to our new twin-needle sewing machine ; varied functions created for operational convenience. This new product will contribute greatly to upgrading variable of sewing pattern quality and to increased productivity.



Large hook installation

Owing to the fitting of a large hook, double quantity of lower threads can be secured promoting work efficiency (BL type) compared to normal hook.



Built-in synchronizer

Synchronizer installed in pulley is more simple and adjusted easily. (KM-757(BL)-7S)



Separated adjustment of left and right thread tension

The thread adjusting device is able to control the tension of left and right upper threads separately. In any condition, clean and high-quality sewing is guaranteed.



Convenient bobbin thread check system

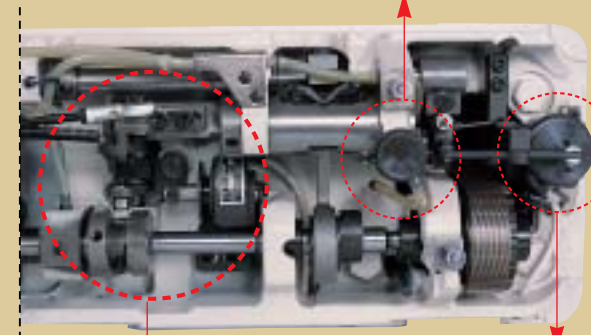
Thread remaining in the bobbin can be verified easily through inspection windows installed on the left and right sides of each board.



Thread trimming Mes structured for high reliability and wide operating periphery

Because the Mes is structured to offer a long-life. Plane surface action capable of perfectly cutting thin or thick thread, no Mes re-adjustment is required at all when stitch lengths are changed.

The wide operating periphery of the thread trimming Mes makes for easy assembly and disassembly. (KM-757(BL)-7S(N))



Solenoid-based thread release structure

The length of the remaining upper thread after trimming can be freely adjusted by controlling the control box volume (KM-757(BL)-7S(N)).

Simplified thread trimming structure

The simplified thread trimmer operating structure makes adjustment, disassembly and assembly of the sewing machine much easier (KM-757(BL)-7S(N)).

Full automatic lubricating system

The automatic lubricating system eliminates oiling. The pump improves durability of the sewing machine and prevents staining of the fabric from oil.