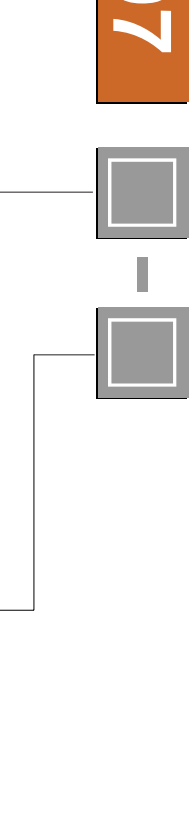




KM-797 Series

High Speed, Twin-Needle, Needle Feed, Split Needle Bar
Lock Stitch Machine with Automatic Thread Trimmer

High Speed, Twin-Needle, Needle Feed, Split Needle Bar
Lock Stitch Machine with Horizontal Large Hook and Automatic
Thread Trimmer



| Hook | | Trimming and Motor | |
|---------|---------------|--------------------|----------------------------------|
| No Mark | Standard Hook | No Mark | Non-Trimming Type : Clutch Motor |
| BL | Large Hook | 7N | Trimming Type : N.P Motor |
| | | 7S | Trimming Type : Servo Motor |

Specification

| Model | KM-797-7S(N) | KM-797BL-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 x 5 #14(#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 (Standard Spec.:1/4")

| Spec. | 3/32 " | 1/8 " | 5/32 " | 3/16 " | 7/32 " | 1/4 " | 5/16 " | 3/8 " | 7/16 " | 1/2 " | 5/8 " |
|----------------|--------|-------|--------|--------|--------|-------|--------|-------|--------|--------|-------|
| Model | 24mm | 32mm | 4mm | 4.8mm | 56mm | 64mm | 79mm | 95mm | 11mm | 12.7mm | 159mm |
| KM-797 | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KM-797-7S/7N | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KM-797BL | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ |
| KM-797BL-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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AGENT:

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

KM-797 Series

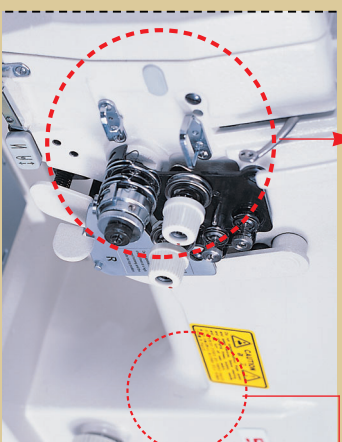


KM-797 Series

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

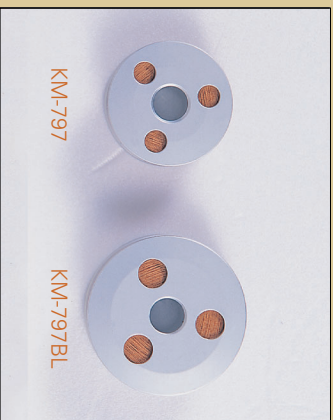


Simplified thread trimming structure
The simplified thread trimmer operating structure makes adjustment, disassembly and assembly of the sewing machine much easier (KM-797(BL)-7S(N)).



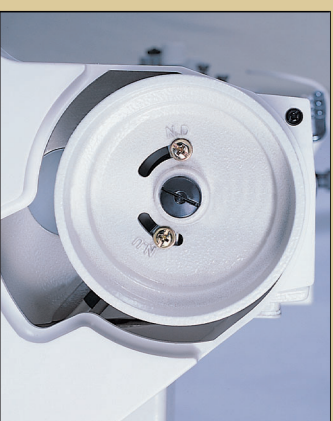
Full automatic lubricating system
The automatic lubricating system eliminates oiling. The pump improves durability of the sewing machine and prevents staining of the fabric from oil.

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-797(BL)-7S(N)).



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.



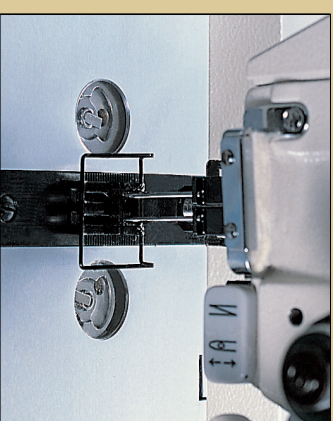
Contained inside type of position detector

Synchronizer installed in pulley is more simple and adjusted easily. (KM-797(BL)-7S)



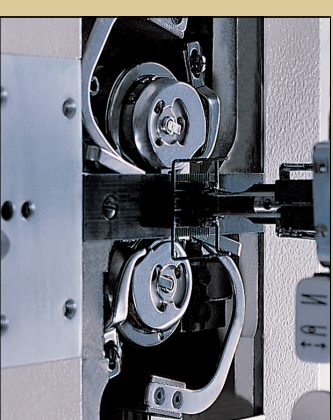
Separated adjustment of left and right thread tension

The thread adjusting device is able to control the tension of left and right upper threads separately. In any conditions, 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-797(BL)-7S(N))



Smooth, easily operated left and right needle stopping system

- A left and right needle stopping system is built-in the machine head.
- Smooth operating left and right needle stopping lever system.

