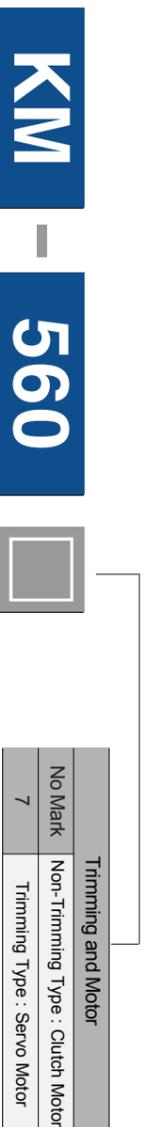


# KM-560 Series

KM-560-7 High Speed, Single Needle, Unison Feed, Lock Stitch Machine with 2.5 Fold-Capacity Hook and Automatic Thread Trimmer



## Specification

| Model   | KM-560-7                                 | KM-560       |
|---|--|--------------|
| Application                                     | Medium Material and Extra Heavy Material |              |
| Max. Sewing Speed                               | 3,000 spm                                |              |
| Max. Stitch Length                              | 8mm                                      |              |
| Needle Bar Stroke                               | 34.2mm                                   |              |
| Thread Take-up Stroke                           | 71.2mm                                   |              |
| Height of Presser Foot                          | 10.5mm by Hand / 16mm by Knee(Max.)      |              |
| Height of Presser Foot(Automatic)               | Max. 16mm (Option)                       |              |
| The Height of Between Main and Sub Presser Foot | 2~5.5mm                                  |              |
| Hook  | 2.5 Fold-Capacity Hook                   |              |
| Needle  | DP × 17 #22 (#16-#23)                    |              |
| Trimming Device                                 | Provided                                 | -            |
| Motor   | Servo Motor                              | Clutch Motor |

## Order Specification

| Division | Use  | Remarks  |
|----------|--|----------|
| A        | General material sewing (Skin, Leather, Canvas, 2mm edge Sewing)<br>5.3+8.2                                      | Option   |
| B        | For thick material sewing (Seat sewing of skin, Leather and other material)                                      | Standard |
| C        | For thick material sewing (No upper thread cut pieces are left on the surface of material being sewn)<br>6.8+8.2 | Option   |
| D        | For heavy thick material sewing  | Option   |

**Applications** : Leather, Coats, Jackets, Jeans, Sports Shoes, Bags, Car Sheets or Furniture Sheets, Tents 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, 1 Needle, Unison Feed,  
Lock Stitch Machine with Larger by 2.5 Fold-Capacity Hook

# KM-560 Series



**SunStar**

# KM-560 Series

New, 1-needle, unison feed, 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, 1-needle, unison feed sewing machine ; total integration of new, varied functions created for operational convenience. This new product will contribute greatly to upgrading variable of sewing pattern quality and to increased productivity.



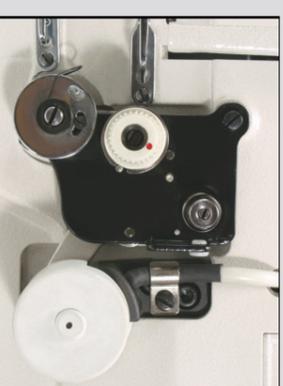
#### **Thread trimming knife structured for high reliability and wide operating periphery**

Because this machine is equipped with highly durable plane surfacing system which perfectly cuts all sized of thread ranging from thin to thick, this machine is widely used for general purpose sewing as well as for heavy thick materials.



#### **Simply structured thread trimming drive system**

- Superior anti-abrasive characteristics and high accurate knife operation.
- Simplicity of structure offers extremely easy adjustment, assembly and disassembly procedures.



#### **Solenoid controlled thread tension easing device (thread trimming type)**

- The length of upper thread remaining in the needle after thread trimming is freely adjustable simply by simple adjustment of volume control in control box.
- Simple solenoid type structure does not require cable connection.



#### **Strong and stabilized upper feed movement**

Constructed in block type upper feed movement structure, this machine demonstrates strong power in stepped sewing and even in heavy thick material sewing.



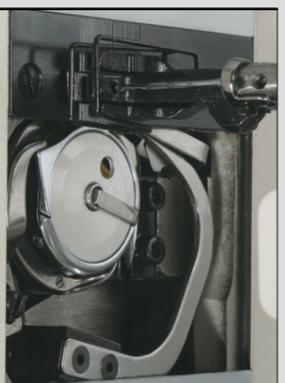
#### **Accurate upper feed movement**

The accurate movement of upper feed and gear action has eliminated puckerings and slip phenomena occurring on materials being sewn.



#### **Feed back button offering functional variety**

Sensitive touch-button operation allows smooth reverse stitching as well as needle bar movement from top to bottom or vice versa.



#### **Larger by 2.5 Fold-Capacity hook installation**

Work efficiency has been improved by installation of larger by 2.5 Fold-Capacity hook.



#### **Convenient bobbin thread check system**

Thread remaining in the bobbin can be verified easily through inspection windows installed on the right side of board.



#### **Protection device for hook**

- Damage to hooks caused by overload occurring during sewing operations is prevented with safety device of a ball-clamp type.
- Pressure control system operates as safety device by the simple bolt-adjustment.



#### **Bed direct-connection type, smoothly operating knee lifting system**

- Knee lifting system not only operates smoothly, but raises the foot high.
- No extra knee lifting system installation is required on table.