



High Speed, 1-Needle, Upper and Lower Feed  
Lock Stitch Machine With Vertical Large Hook

# KM-341 BL



**SunStar®**

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High Speed, 1-Needle, Upper and Lower Feed Lock Stitch Machine With Vertical Large Hook developed through the advanced technology of SunStar.

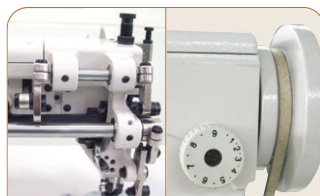
The high-speed 1-needle upper and lower feed lock stitch machine with a vertical large hook has been upgraded. It is equipped with diverse new functions designed to boost convenience and the fully automated oil supply system, thereby enhancing quality of sewing patterns and sewing productivity. Thanks to powerful operation, sewing fabrics of any type can be handled in an easy and convenient fashion. Since it was designed in consideration of durability of each part, the longer life span of the machine can be guaranteed.

## >> Features



**Realization of Upper/Lower Feed Mechanism**

The sewing machine was designed in consideration of various sewing conditions from medium materials to ultra heavy materials. The adoption of upper/lower feed mechanism addresses the shortcoming of the slippery separation of sewing fabrics when a vinyl material is sown together with a fabric and ensures powerful feeding.



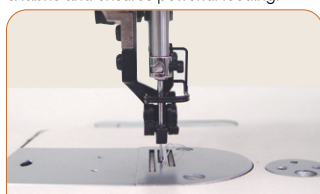
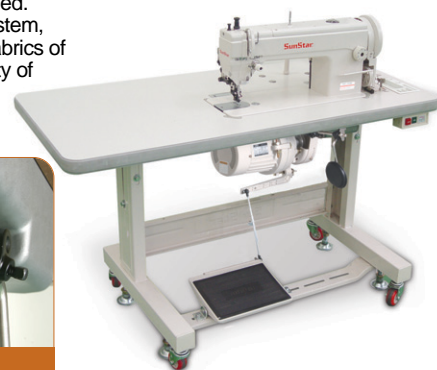
**Upper Feed Adjusting System**

Since the easy-to-operate upper feed adjusting system was adopted, the one-step sewing can be conducted conveniently. The length of stitches can be adjusted simply by turning a dial. The upper/lower feed volume can be accurately controlled.



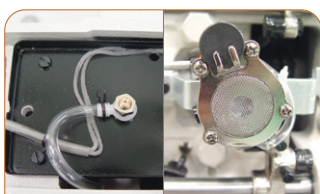
**Knee Lift Structure**

Knee lift and the adoption of the oil fan attachment method for knee lift structure, instead of the table attachment method, assembly has become much easier.



**Height of Presser Foot Lift**

The presser foot can be lifted up to 14 mm. As such, sewing heavy materials can be conducted conveniently.



**Full Auto-Lubrication System**

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



**Reverse Feeding System**

It has the reverse feeding system so that reverse sewing and shrink sewing can be conducted by adjusting the reverse lever only.



**Vertical Large Hook**

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

## Specification

Model	KM-341BL
<b>Machine</b>	High Speed, 1-Needle, Upper and Lower Feed Lock Stitch Machine With Vertical Large Hook
<b>Needle</b>	DP x 17 #23, DB x 1 #21(#20~#24)
<b>Needle Bar Stroke</b>	34.7mm
<b>Thread Take-up Stroke</b>	71.5mm
<b>The Height of Between Main and Sub Presser Foot</b>	2~5mm
<b>Height of Presser Foot</b>	By hand : 8mm By Knee : 14mm
<b>Max. Thickness of Sewing Material</b>	8mm
<b>Max. Thickness of the Edge of Sewing Material</b>	5mm
<b>Height of Feed Dog</b>	1~1.2mm
<b>Max. Sewing Speed</b>	2,000 spm
<b>Application</b>	Medium Material~Heavy Material
<b>Lubrication</b>	Auto Lubrication Type

## Application

- Heavy materials including artificial leather, vinyl coated materials, natural leather, rubber fabric, sponge materials and jean.

- All types of bags from traveler's bags, backpacks, hand bags and wallets  
- Leather gloves, other smaller leather goods, etc.  
- Tents, car seats, etc.

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

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