



KM-591BL Series

KM-591BL
Long Arm Type, 1-Needle, Unison
Feed, Lock Stitch Machine With
Vertical Large Hook

KM-591BL-7 Long Arm Type, 1-Needle, Unison Feed,
Lock Stitch Machine With Vertical Large Hook
and Automatic Thread Trimmer



Hook		Trimming and Motor
BL	Large Hook	
No Mark	Non-Trimming Type : Clutch Motor	
7	Trimming Type : Servo Motor	

Specification

Application	Model	KM-591BL-7		KM-591BL	
Max. Sewing Speed		Heavy Materials			
Max. Stitch Length		2,400 spm (Commercial Use 2,000spm)			
Needle Bar Stroke		9mm			
Thread Take-up Stroke		35mm			
Height of Presser Foot		71.5mm			
Height of Presser Foot (Automatic)		Hand : 9mm / Knee : 16mm (Max.)			
The Height of Between Main and Sub Presser Foot		Max. 16mm (option)	-		
Hook		2 ~ 5.5mm			
Needle		Rotary Vertical Large Hook			
		DP × 17 #22 (#16-#23)			
Sewing Area		322mm			
Trimming Device		Provided		-	
Motor		Servo Motor		Clutch Motor	

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



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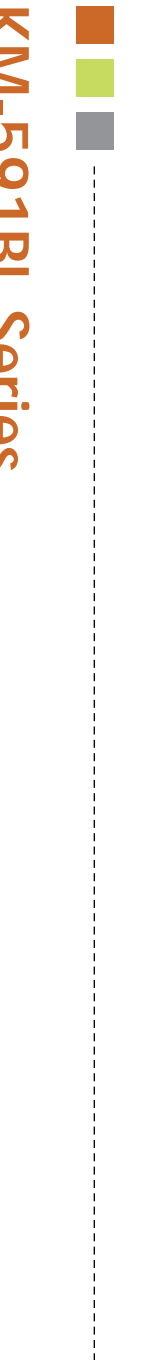
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KM-591BL-7

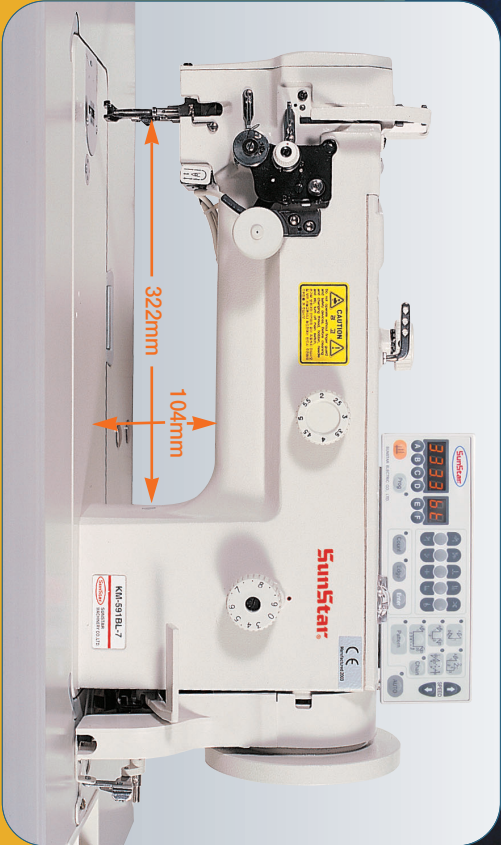
Long Arm Type, 1-Needle, Unison Feed,
Lock Stitch Machine With Vertical Large Hook
and Automatic Thread Trimmer




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KM-591BL Series

KM-591BL-7, Offering Optimum Conditions
For Sewing Heavy Material



The Best conditions

The KM-591BL-7 features a powerful long-arm, single-needle lockstitch, automatic thread trimming, and the unison feed making the sewing work easier for the user on a variety of materials. The installation of the newly developed Fortuna AC Series III Servo Automatic Thread Trimming Motor guarantees a faster and more accurate sewing performance.



KM-591BL-7

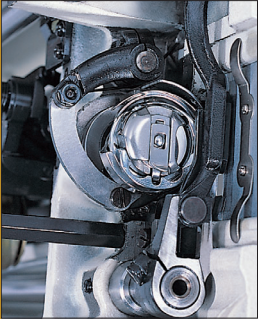
OFFERING OPTIMUM CONDITIONS FOR SEWING HEAVY MATERIAL.



► Stable Stitch Length
An "Auto" function for steady stitch length is newly provided by installing the Fortuna AC Series III Motor that minimizes the speed change when starting and stopping sewing work.



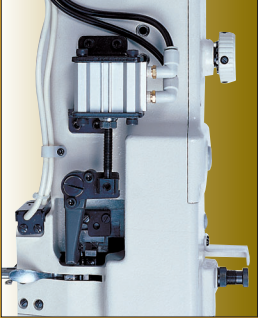
► Simple Manipulation to Adjust Presser Foot Crossing Amount
By turning the dial, you can easily adjust and use the main/auxiliary presser foot.



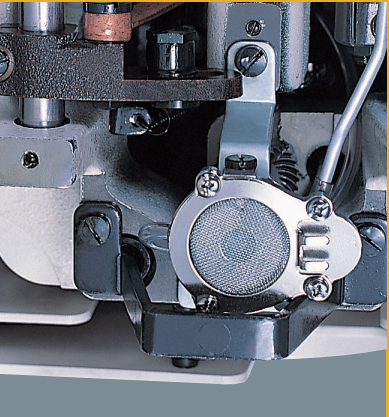
► The Vertical Large Hook
The vertical large hook allows an easier replacement of lower thread when sewing large and heavy materials such as mats and bags. The double hook feature reduces the need to replace bobbins maximizing productivity.



► Higher Work Efficiency by the Large Pulley and Built-in Synchronizer
The large pulley is suitable for the exact positioning of needle when you start or stop the sewing operation especially efficient for sewing heavy materials. It also contains and easy-to-use built-in position detector that allows you to separate and adjust the pulley's up/down needle stop location.



► Pneumatic auto knee lifting device (Option of KM-591BL-7)
The pneumatic auto knee lifting device is offered as an optional to boost work convenience and productivity.



Fully Automatic Lubrication System
The automatic lubrication system with the compulsory circulation feature using pumps maintains the machine at the optimum working conditions at the high speed.



A Reliable Thread Trimming Device
The use of the upgraded mes has improved the inner abrasion level and more simplified and sturdier thread trimming structure facilitates an easier assembly and disassembly process.