

KM-1640BL-7 SERIES

Semi-direct drive, long arm type, 1-needle, up & low feed, lock stitch sewing machine with automatic thread trimmer



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UP&LOW FEED

KM - 1640BL -

KM - 1640 BL

- 7

Application		Thread trimming	
BL	Large hook (x2 Capacity)	7	Auto-thread trimming type

Specification

Model		KM-1640BL-7
Application [material]		Heavy
Max. sewing speed [spm]		2,000
Stitch length [mm]		0~9
Lift of the presser foot [mm]	Hand	7
	Knee	16
	Auto	16
Thread take up stroke [mm]		73
Needle bar stroke [mm]		38
Working area [mm]		335
Needle		DP×17 #22 (DB×1 #22)
Hook	Drive type	Rotary
	Position	Vertical
	Capacity	×2
Lubrication		Auto
Thread roll		○
Needle up-down stop		○
Auto backtack		○
Auto thread trimming		○
Motor		Servo motor(Semi-direct)

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



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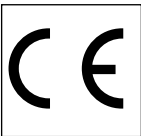
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SunStar SunStar CO., LTD.

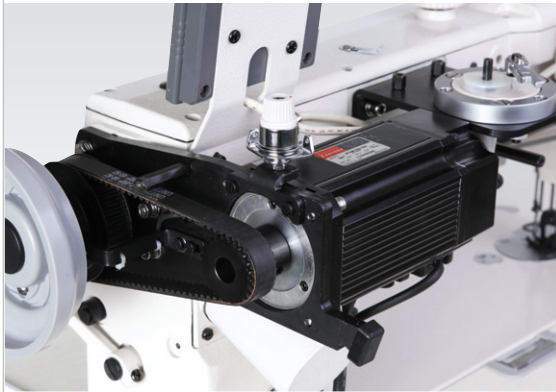


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SunStar

## FEATURE

01



### Development of semi-direct drive

By developing upper shaft drive built-in motor type, minimize the contamination caused by the vibration and dust from V-belt. Also by applying fast and soft response, secure safe work environment.

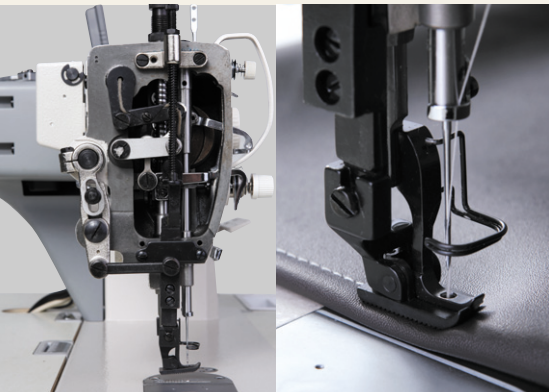
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### Fortuna4 750W Servo Motor

It is possible to complete sewing even with thick fabrics by equipping the 750W servo motor which is the maximum torque among equivalent models.

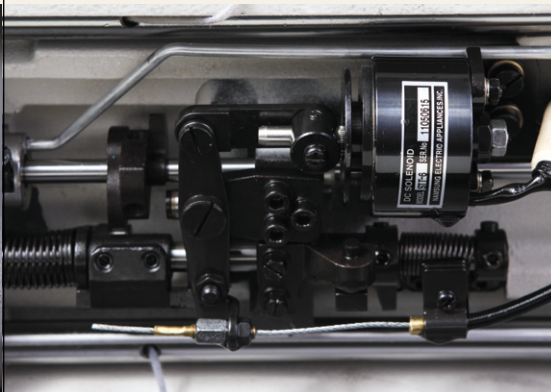
03



### Optimized sewing condition for heavy materials

Pressure dual control system of presser foot and easy regulation of ascending amount of both main presser foot and auxiliary presser foot by dial are suitable for various sewing conditions such as the work for stepped and different thickness heavy duty material. With applying reliable feed mechanism, firm stitches and best quality are guaranteed.

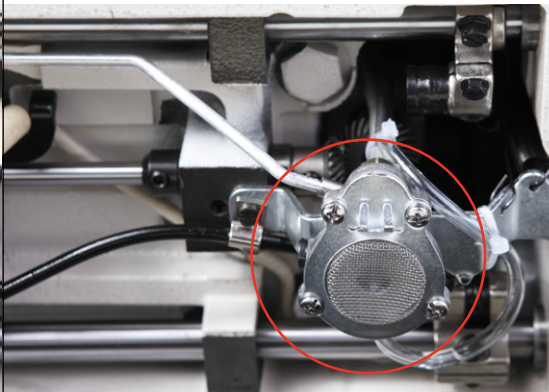
04



### The best trimming mechanism for thick materials

The machine realizes structures of dual safety devices and strong trimming drive. The movable mes and fixed mes composed of special materials not only performs strong trimming drive but guarantees excellent anti abrasion with perfect quality as a sewing for thick materials.

05



### Full automatic oil supply system

Compulsory circulation type automatic oil supply system by pump enables the machine have dignity and to be perfect sewing machine owing to its highly improved anti abrasion.

## MOTOR & CONTROLLER

**Semi-direct drive, long arm type, 1-needle, up & low feed, lock stitch sewing machine with automatic thread trimmer series developed by the advanced technology from Sunstar**

- Development of semi-direct drive
- Powerful 750W Servo motor
- Improve sewing capability through increasing workability for heavy material
- Durability improvement through applying auto lubrication system
- Optimized design through the balance interpretation

