KM-640UBL SERIES

Long arm type, high speed, 1-needle, up & low feed,
lock stitch sewing machine with automatic thread trimmer

For W24H service
www.swf-service.com

KM - 640UBL - ■

KM – 640 U BL – ■

Type	
U	Upgrade

Hook	
BL	Large hook (x2 Capacity)

Thread trimming & Motor	
None	Non-thread trimming : Clutch motor
7	Auto-thread trimming : Servo motor

⊙ Specification

Model		KM-640UBL-7	KM-640UBL
Application [material]		Heavy	Heavy
Max. sewing speed [spm]		2,000	2,000
Stitch length [mm]		0~9	0~9
Lift of the presser foot [mm]	Hand	8	8
	Knee	16	16
	Auto (Option)	16	-
Thread take up stroke [mm]		71.5	71.5
Needle bar stroke [mm]		34.7	34.7
Working area [mm]		335	335
Needle		DPx17 #22 (DBx1 #22)	DPx17 #22 (DBx1 #22)
Hook	Drive type	Rotary	Rotary
	Position	Vertical	Vertical
	Capacity	x2	x2
Lubrication		Auto	Auto
Thread roll		○	○
Auto thread trimming		○	-
Motor		Servo motor	Servo motor

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

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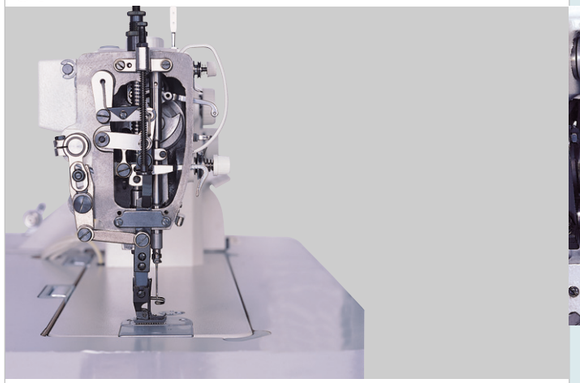
FEATURE

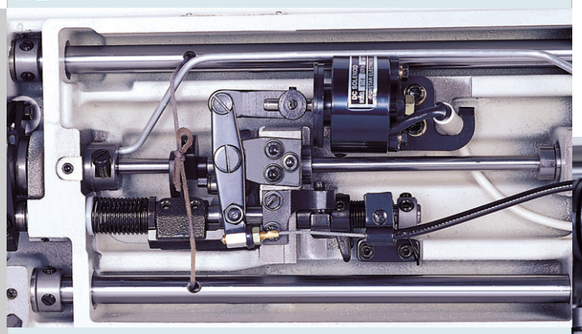
01



Optimized sewing condition for heavy duty meterials

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.

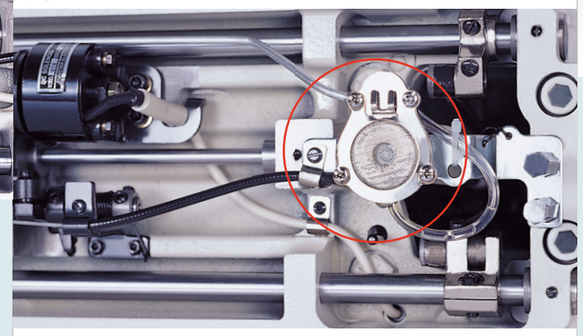
02



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. **(KM-640UBL-7)**

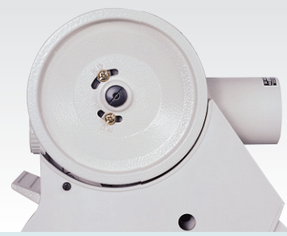
03



Full automatic oil supply system

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

04



Large-sized pulley for work efficiency and precise position detector installed

The large-sized pulley suitable for control accurate needle position during starting and completing work provides the best efficiency in the sewing of thick materials. Handy position detector is also installed, which can adjust and divide each to the needle position of pulley. **(KM-640UBL-7)**

Long arm type ultra-modern one needle, drop feed, upper and lower feed, SunStar lockstitch sewing machine with an automatic thread trimmer

SunStar's long-arm type, single needle automatic trimming sewing machine can easily control any aterials by its large-sized arm and bed with strong power. It highly and fast improves productivity by installing newly developed Fortuna AC servo motor series 5 automatic trimming motor. Also, it is designed to easily adjust the ascending amount of presser foot by dial that gives great pleasure and satisfaction.

FORTUNA 5

▪ Installed the Fortuna AC servo motor Series 5 with up-to-date functions!!

Model	Input Phase	Main Functions	Standard Parts
S3AC55 - 1 ☐	1Ø 110V	• Simple speed changing function using the program unit • Categorized speed adjustment of start / end back tack • Adjustment of sewing machine speed increase curve • Adjustment of the remaining upper thread's length after thread trimming • Adjustment of the pressure for pedal operation	• Synchronizer • Pedal connecting rod • Power switch box etc.
S3AC55 - 2 ☐	1Ø 220V		
S3AC55 - 3 ☐	3Ø 220V		

