KM-1380BL SERIES

Semi-direct drive, cylinder bed, 1-needle, unison feed,
lock stitch sewing machine with automatic thread trimmer

For W24H service
www.sunstarcs.com

KM - 1380 BL - ■

KM – 1380 BL – ■

Hook	
BL	Large hook (x1.6 Capacity)

Thread trimming	
None	Non-thread trimming type
7	Auto-thread trimming type

⊙ Specification

Model		KM-1380BL-7	KM-1380BL
Application [material]		Medium heavy	Medium heavy
Max. sewing speed [spm]		3,000	3,000
Stitch length [mm]		0~6(9)	0~6(9)
Lift of the presser foot [mm]	Hand	12	12
	Auto	20	-
Thread take up stroke [mm]		72.3	72.3
Needle bar stroke [mm]		40	40
Working area [mm]		335 x 148	335 x 148
Cylinder diameter [mm]		ø 50	ø 50
Needle		DPx35 (#12~#23)	DPx35 (#12~#23)
Hook	Drive type	Rotary	Rotary
	Position	Vertical	Vertical
	Capacity	x1.6	x1.6
Lubrication		Auto	Auto
Thread roll		○	○
Auto backtack		○	-
Auto thread trimming		○	-
Motor		Servo motor (Semi direct)	Clutch motor

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

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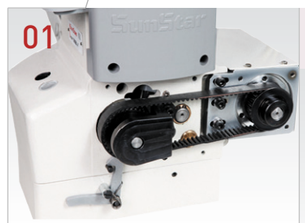
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FEATURES

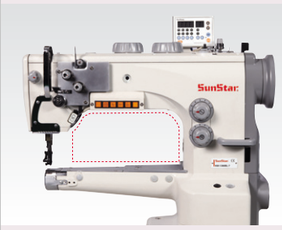
01



Development of semi-direct drive

By developing lower 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.

02



Increase working area through expanded space of arm

By securing the broad working area (width 335mm, height 148mm), increase work efficiency and enable to stitch big materials easily.

03



Various sewing capabilities by the button for changing overlapping portion of presser foot and switch

- Expand sewing capabilitiy scope according to the thickness of fabrics by loading two main/auxiliary climb dials.
- Secure easy changing of stepped pulley for workers by installing the button for changing overlapping portion of presser foot and knee switch.

04



Enable to convert stitches by the stitch length changing button

- Expand sewing capability scope according to the thickness of fabrics by loading two main/auxiliary climb dials.
- Install the stitch length changing button to secure easy stitch length changing capability for workers.

05



Application of embedded LED (Option)

Minimize shadow of sewing point by arranging LED at the front of needle bar.

06



Application of pneumatic cylinder for thread trimmer

Improve the function of thread trimming for various thread and the durability by installing reliable pneumatic cylinder mechanism.

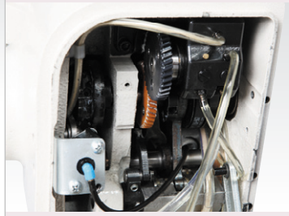
07



Application of large hook (x1.6 capacity)

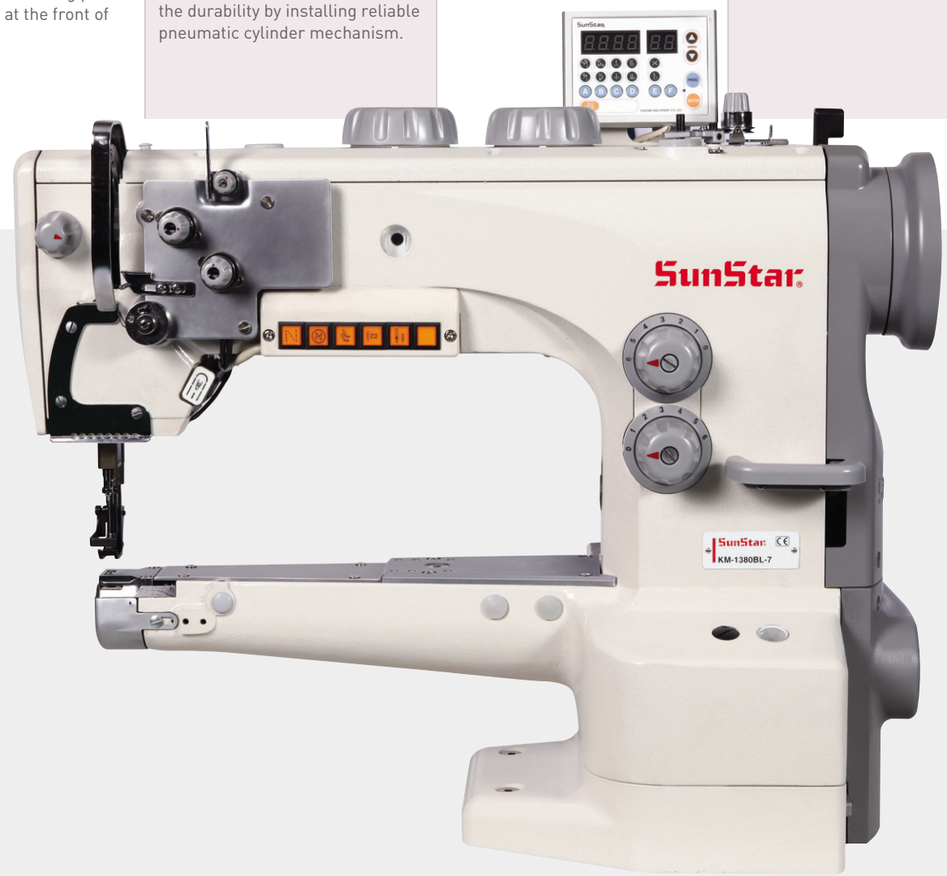
Increase productivity by reducing bobbin replacement during stitching with large hook(x1.6 capacity).

08



Auto lubrication by oil pump

Minimize the contamination of sewing material with auto lubrication and coercive needle bar oil reflux by using oil pump.



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- Improved exterior design
- Development of semi-direct drive
- Increase working area through expanded interior space of arm
- Improve sewing capability through increasing workability for heavy material
- Application of embedded LED (Option)
- Increase productivity by the application of large hook (x1.6 capacity)
- Improve durability by the application of pneumatic cylinder for thread trimming
- Optimized design through the balance interpretation
- Various sewing capabilities by the button for changing overlapping portion of presser foot and switch
- Enable to convert stitches by the stitch length changing button