

MODEL

SF 7500 / C

SPEC.

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DEVICE

UT-A / [ ] [ ] / [ ] [ ]

Symbol of Series	Bed Type & No. of Needle	Main Motor
S UNSTAR	75 Flat Bed-3Needle	C Fortuna IV Motor
F Flat Bed Chain Stitch M/C	74 Flat Bed-2Needle	N Fortuna III Motor
		M Clutch Motor

Top Cover Thread	Needle Space	Shape of Stitch Plate
0 Without Top Cover Thread	32 3.2mm	G Standard
1 With Top Cover Thread	40 4.0mm	L For Long Stitch(Longer than 2.5mm)
	48 4.8mm	S For Short Stitch(Shorter than 1.8mm)
	56 5.6mm	
	64 6.4mm	

Device	Attachment(Optional)
UT-A Lower Thread Trimming(Air Pressure 2)	CO Covering Guide
UT-B Lower Thread Trimming(Air Pressure 3)	HE Hemming Guide
ST-C Upper Thread Trimming(Cylinder Bed)(Option)	WK1 Walking Presser Foot(Hemming)
	WK2 Walking Presser Foot(Covering)
	ATF Tape Feeder(Side meter type)
	AL Attaching Guide for Elastic Lace
	EL See Through Light for Hemming
	TL Compact Spot Light
	BN Binder

Specification

Model	SF 7500	
Stitch Type	ISO 406, 407, 602, 605	
Application	General sewing for knit	
Sewing Speed	Max. 6000 spm (Intermittent sewing)	
Stitch Length	1.4~3.6 mm	
Needle	UY 128GAS #65 ~ #90 (Standard : #70)	
Needle Space	2-needle	3.2, 4.0, 4.8, 5.6, 6.4 mm
	3-needle	5.6, 6.4 mm
Needle Stroke	31 mm	
Height of Presser Foot	Max. 8 mm (when Top cover thread is used, up to 7 mm)	
Feeding System	Button Type	
Differential Ratio	Max. Normal Differential Ratio	1 : 2
	Max. Reverse Differential Ratio	1 : 0.7
Lubrication	Automatic lubrication	

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

Series

High-speed Flat Bed 3-Needle Interlock Sewing Machine

SF 7500



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**SunStar**

# SF 7500 Series

## High-Speed Flat bed 3-Needle Interlock Sewing Machine New high-speed flat bed interlock sewing machine, embodiment of years of technical know-how of SunStar

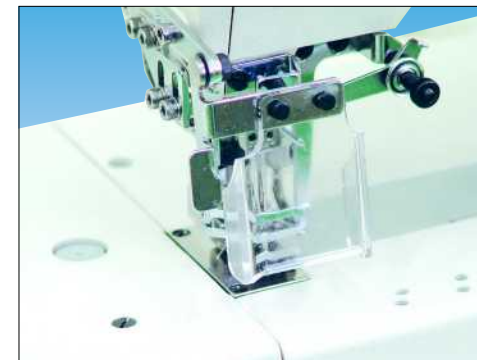
Leveraging 30 years of cumulative expertise from lock-stitch sewing machines manufacturing, SunStar has newly developed a chain sewing machine. Applied with high-technology, it has practical design and can be easily assembled. It is more durable and user friendly. In addition, with Fortuna III/IV installed, it realizes perfect mechatronics.

### Easy to Use



#### Ease-of-use covers

Covers are designed to make them easy to use, so that threading time can be saved. Their appearance designs are also simplified.



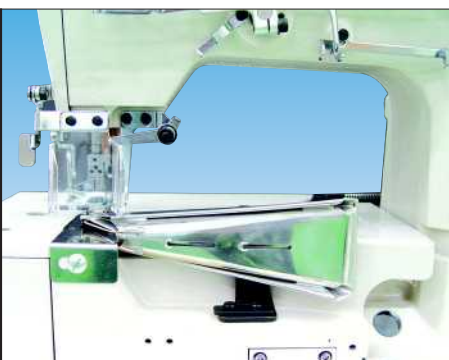
#### Delicate adjustment of thread tension

The tension of needle thread can be individually and delicately adjusted. It enables proper handling of diverse sewing materials and the achievement of better stitch quality.



#### Enhanced knee lift function

The knee lifter is designed to be simple and convenient to use. The height of the presser foot can be adjusted without opening the top cover.



#### Attached Binder



### Optimized for High-Speed Seaming



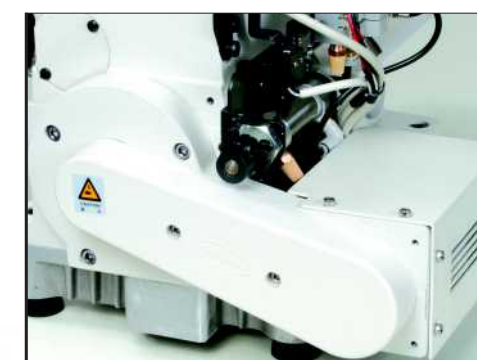
#### Embedded Location Detector

The location detector is embedded in pulley. It accurately monitors the signals from servo motor and makes sure exact location detection. It has a simplified design.



#### Oil Cooling Fan System

High-speed sewing causes heat, which could lower oil viscosity. An oil cooling fan is installed at the lower shaft to prevent oil temperature rise and to ensure stable oil supply. This system can also enhance product durability.



#### Small Motor(Optional)

The types of motor used can be chosen as an option. If a small motor is installed, it makes the installation of sewing machine simpler. It uses timing belt instead of V-belt. Since controlled by Fortuna IV, it can maintain more stable working conditions.



#### In case of Sporadic Sewing

The differential ratio can be easily changed by adjusting the differential feed lever. Even in the middle of sewing, the differential feed lever can be adjusted.