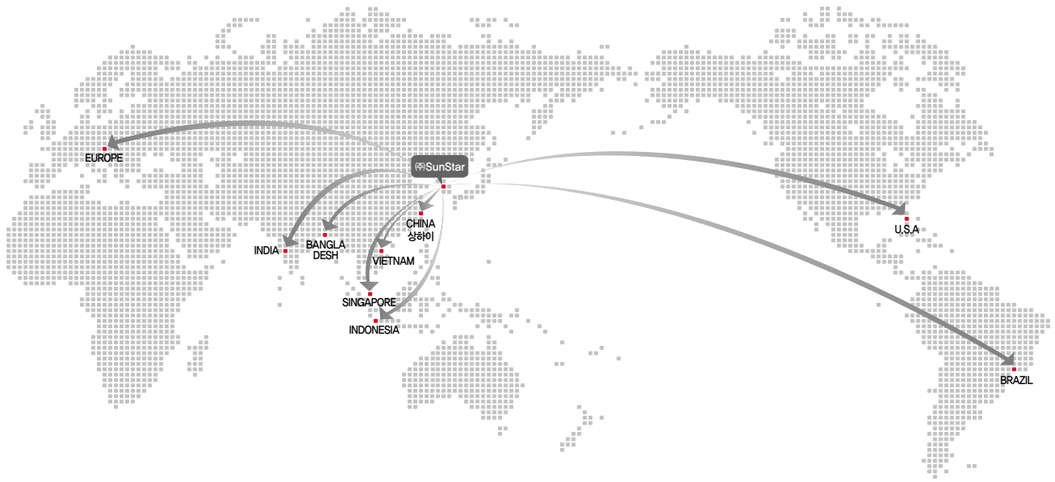
SF7500/7400 SERIES

Flat bed, 2/3-needles,
interlock sewing machine

On all corners of the global village, the logos of SunStar are found



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SF7500/7400 SERIES

Flat bed, 2/3-needles, interlock sewing machine

SunStar

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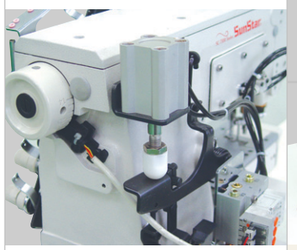
FEATURES

01



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.

02



Ease-to-use covers

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

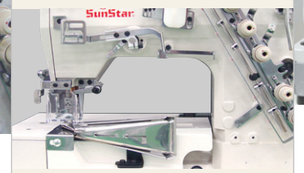
03



Delicate adjustment of thread tension

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

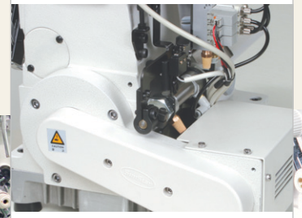
04



Attached binder (Option)

It is possible to handle various types of fabrics and thereby maximize the convenience of sewing work by using the installed accessory devices, including 7500 binder.

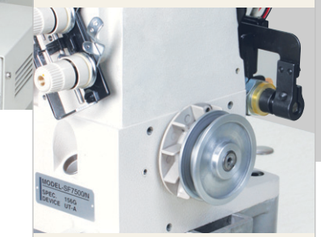
05



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.

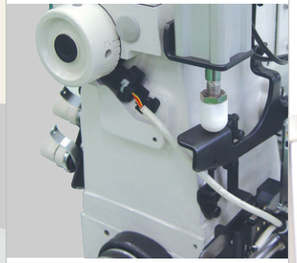
06



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.

07



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.

08



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.

SF7500 ■ / C - 156G / UT - A / ■ / ■ ···

SF — SunStar flat bed chain stitch M/C

7500 — Bed type & No. of needles

7500	Flat bed, 3-Needles
7400	Flat bed, 2-Needles

■ — Application

None	Medium material
H	Heavy material

/ C — Motor

C	Servo motor (Semi direct)
N	Servo motor
M	Clutch motor

– 1 — Top cover thread

0	None
1	Installation

56 — Needle distance

48	4.8mm
56	5.6mm
64	6.4mm

G — Shape of stitch plate

G	Standard
L	For long stitch (longer than 2.5mm)
S	For short stitch (shorter than 1.8mm)

/ UT - A — Device

UT-A	Thread trimmer (Air pressure 2)
UT-B	Thread trimmer (Air pressure 3)
UT-E	Thread trimmer (Electronic) / Option
ST-F	Top cover thread trimmer / Option
ST-E	Top cover thread trimmer (Electronic) /Option

/ ■ / ■ ··· — Attachment (Option)

CO	Covering guide	TF-U	Upper tape feeder
HE	Hemming guide	ETF-B	Lower elastic tape feeder
WK	Walking presser foot	ETF-U	Upper elastic tape feeder
TL	Lamp for hemming	TF-S	Side tape feeder
SL	Leedle bar lamp	PL-F	Puller (Flat bed)
TC	Needle thread clamp	WT-E	Wiper (Electronic)
ATF	Auto tape feeder	FL-E	Presser foot lifter (Electronic)
TF-B	Upper tape feeder	BN	Binder

⦿ Specification

Model	SF7500	SF7500H	SF7400	SF7400H
Application [material]	Medium (Knit)	Heavy (Knit)	Medium (Knit)	Heavy (Knit)
Max. sewing speed [spm]	6,000	6,000	6,000	6,000
Stitch length [mm]	1.4~3.6	1.4~4.5	1.4~3.6	1.4~4.5
Lift of the presser foot [mm] Auto	8	8	8	8
Needle bar stroke [mm]	31	33	31	33
No. of needles	3	3	2	2
Needle distance [mm]	5.6, 6.4	5.6, 6.4	3.2, 4.0, 4.8, 5.6, 6.4	3.2, 4.0, 4.8, 5.6, 6.4
Stitch type	ISO 406, 407, 602, 605	ISO 406, 407, 602, 605	ISO 406, 407, 602, 605	ISO 406, 407, 602, 605
Needle	UY 128GAS #65 ~ 90 (Standard : #70)	UY 128GAS #65 ~ 90 (Standard : #70)	UY 128GAS #65 ~ 90 (Standard : #70)	UY 128GAS #65 ~ 90 (Standard : #70)
Lubrication	Auto	Auto	Auto	Auto
Auto thread trimming	○	○	○	○

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