SC9204 - 04 / 233 - 3 X 5

SC92 | 04 | – 0 | 4

Series

SC92	Over-edge
SC93	Safety stitch
SCT92	Over-edge + Variable top feed
SCT93	Safety stitch + Variable top feed
SC94	Over-edge + Cylinder bed
SCT94	Over-edge + Cylinder bed + Variable top feed
SC95	Double chain stitch

Stitch type

03	#503
04	#504
05	#505
12	#512
14	#514
15	#515
16	#516
41	#401
44	#401+#514

Operation type

0	Plain seaming
1	Blind stitch
2	Serging
3	Hemming
4	Shirring
5	Attaching tape
6	Attaching zipper
8	Back Latching
9	Versatile
A	Car mate sewing
B	Edge sewing
C	Piping

Application

1	Extra light material~Light material
2	Light material~Medium material
3	Medium material~Heavy material
4	Heavy material~Extra heavy material
5	Extra heavy material

/ 2 | 3 | 3 | – 3 | × 5

Lift of the presser foot

2	5mm
3	5.5mm
4	7mm
5	7mm

Rows of feed dogs

1	1-Row standard	6	1-Row special
2	2-Rows standard	7	2-Rows special
3	3-Rows standard	8	3-Rows special
4	4-Rows standard	9	4-Rows special
5	5-Rows standard	0	5-Rows special

Pitch of feed dog

1	1mm
2	1.25mm
3	1.6mm
4	2mm
5	2.5mm

Needle distance

0	1-Needle
2	2mm
3	3mm
5	5mm

Edge width

3	3mm
4	4mm
5	5mm
6	6mm
7	7mm

Specification

Model	SC9204-01/223	SC9212-02/333	SC9214-03/333	SC9316-03/233	SC9316-03/333	SC9316-A4/435
Application [material]	Extra light~Light	Light~Medium	Medium~Heavy	Medium~Heavy	Medium~Heavy	Heavy~Extra heavy
Max. sewing speed [spm]	8,500	7,500	7,500	7,500	7,000	6,500
Stitch length [mm]	1.4~3.8	1.4~3.8	1.4~3.8	1.4~3.8	1.4~3.8	1.4~5
Lift of the presser foot [mm] Auto	5	5.5	5.5	5	5.5	7
Needle bar stroke [mm]	25	25	25	25	25	25
No. of needles	1	2	2	2	2	2
No. of threads	3	4	4	5	5	5
Needle distance [mm]	-	2	2	3	5	5
Edge width [mm]	3,4,5	3,4,5	3,4,5	5,6	5	5,6
Differential feed Ratio	0.7~2	0.7~2	0.7~2	0.7~2	0.7~2	0.8~1.5
Stitch type	ISO 504	ISO 512	ISO 514	ISO 516	ISO 516	ISO 516
Needle	Organ DCx27 Nm 65	Organ DCx27 Nm 65	Organ DCx27 Nm 65	Organ DCx27 Nm 75~130	Organ DCx27 Nm 75~130	Organ DCx27 Nm 75~130
Lubrication	Auto	Auto	Auto	Auto	Auto	Auto
Motor	Clutch motor	Clutch motor	Clutch motor	Clutch motor	Clutch motor	Clutch motor

Model	SC9344-A4/435	SC9316H-A5/535	SCT9316-03/233	SCT9316-A4/435K	SCT9214-03/333	SC9204-02/223
Application [material]	Heavy~Extra heavy	Extra heavy	Medium~Heavy	Heavy~Extra heavy	Medium~Heavy	Light~Medium
Max. sewing speed [spm]	6,500	6,000	7,000	6,300	6,700	8,500
Stitch length [mm]	1.4~5	1.4~5	1.4~3.8	1.4~5	1.4~3.8	1.4~3.8
Lift of the presser foot [mm] Auto	7	7	5	7	5.5	5
Needle bar stroke [mm]	25	25	25	25	25	25
No. of needles	3	2	2	2	2	1
No. of threads	6	5	4	4	4	3
Needle distance [mm]	5 x 3	5	3	5	2	-
Edge width [mm]	4	5	4,5	5,6	5,6,7	3,4,5
Differential feed Ratio	0.8~1.5	0.8~1.5	1~6	1~7	1~6	0.7~2
Stitch type	ISO 401 + 514	ISO 516	ISO 516	ISO 516	ISO 514	ISO 504
Needle	Organ DCx27 Nm 75~130	Organ DCx27 Nm 75~130	Organ DCx27 Nm 75~130	Organ DCx27 Nm 75~130	Organ DCx27 Nm 65	Organ DCx27 Nm 65
Lubrication	Auto	Auto	Auto	Auto	Auto	Auto
Motor	Clutch motor	Clutch motor	Clutch motor	Clutch motor	Clutch motor	Clutch motor

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SI SERIES

Super high speed, overlock machine

SunStar®

FEATURES

01



High efficiency oil pump

We offer the stable sewing environment even at high speed and the durability improvement using the high efficiency oil pump.

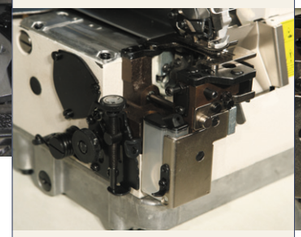
02



Durability improvement by oil filter

We improve the durability of the machine by filtering polluted oil and supplying it to the driving part.

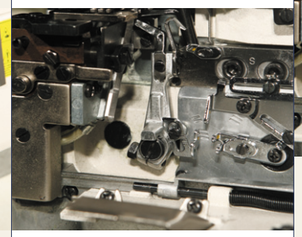
03



Simple stitch length adjustment

It is easy for stitch length to adjust by pressing the button and turning the hand pulley.

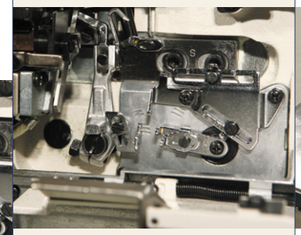
04



Simple lower looper adjustment

It is easy to set up the lower looper according to the variable sewing materials because the position of the lower looper can be adjusted using the fine tuning screw.

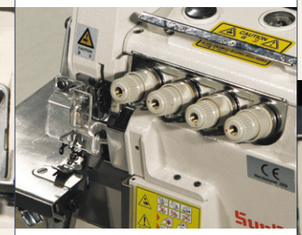
05



Various thread tension adjustments

It is feasible for variable sewing materials to adjust thread tension property due to the possible thread tension adjustment of the upper/lower looper.

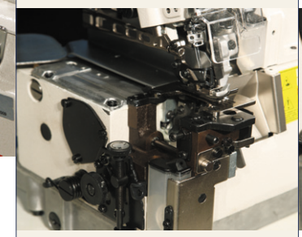
06



Embedded thread tension adjustment device

For the seamless sewing operation of swimming & hiking apparel.

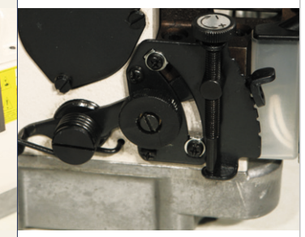
07



Needle cooling devices

Needle and thread breakage problems are decreased during high speed stitching so the productivity is increasing.

08



Simple differential feed adjuster

Simply adjust the differential feed of the saw teeth through the differential feed adjuster and apply it to various working conditions with ease.

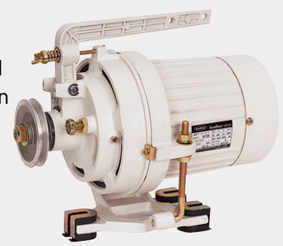
Super high speed, overlock sewing machine series developed by the advanced technology of SunStar.

Noise and vibration caused by the high speed of the sewing machine are reduced due to the optimal design for overlock drive through the 3D Motion Test and 3D structural analysis.

CLUTCH MOTOR

▪ **Strong durability**

Machine noise and wind sound generated by the motor operation are minimized by the optimal design of parts.



MOTOR SPECIFICATION

Model		CLUTCH MOTOR							
Pole		2P				4P			
Motor spec.		250W		400W		250W		400W	
Speed(Standard) [rpm]		50Hz	60Hz	50Hz	60Hz	50Hz	60Hz	50Hz	60Hz
Max. speed [rpm]		2,845	3,445	2,845	3,445	1,425	1,715	1,425	1,715
Voltage	1-Phase	110V 220V, 230V, 240V, 110/220V							
	3-Phase	220V, 380V, 400V, 415V, 440V, 220/380V							

FEATURES

- **Superior Cooling Effect and Work Comfortability**
  Features of motor are maintained despite using for long hours by suppressing the increase in heat through a complete range of open type cooling method. The healthy work environment is maintained by changing the direction of the wind into the opposite to the worker.
- **Exact Clutch Movement**
  The weight and size of flywheel prevent motor deceleration when the clutch touches.
  We realize the exact clutch movement and flywheel and lining for high speed rotation.