

KE DUAL SERIES

Dual function automatic embroidery machines

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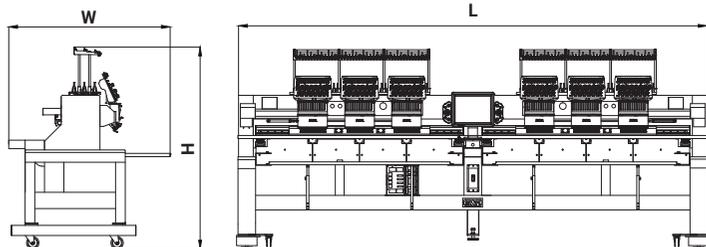
SWF / KE - U H 15 06 D - 45

Series: SWF / KE
 M/C Type: U
 Head Interval: H
 Y-Stroke: 15
 Dual Function: 06
 No. of Heads: D
 No. of Colors: 45

Specifications		
Speed	Tubular	Max. 1,000 rpm
	Wide Cap	Max. 850 rpm(4,6,8 Head), 750 rpm(12 Head)
	Semi-wide Cap	Max. 850 rpm(4,6,8 Head), 750 rpm(12 Head)
Stitching Length		0.1 ~ 12.7 mm
Motor	Main	Servo Motor x 2
	X-Y	Pulse Motor x 6
Electricity		1-Phase 100V, 110V, 120V, 200V, 220V, 240V [50/60Hz]
Power Consumption		4Head : 670W / 6Head : 690W / 8Head : 810W / 12Head : 1.1KW
Bobbin Winder		Standard
Upper Thread Holding Unit		Standard
Lubrication System		Semi-auto Lubrication System
Operation Box		Standard : Color LCD Touch Screen
Hook		Standard Hook
Memory Capacity		Standard : 4,000,000 stitches
Memory Media		USB Memory Stick
Safety Device		Standard : Emergency Stop, Error Code Message
Optional Device		SQ30, Cording, Boring, Cap Frame [Semi/Wide]

Division of Model											
Model	Head Interval [mm]	Color	Head	Y-Stroke [mm]	Emb. Space [mm]				Machine Size [mm]		
					Normal	Tubular	Wide Cap	Semi-wide Cap	Length	Width	Height
K-UH904D-45	400	9	4	450	400 x 450	319 x 439	360 x 75	180 x 83	3,475	1,580	1,610
K-UH906D-45	400	9	6	450	400 x 450	319 x 439	360 x 75	180 x 83	4,000	1,580	1,610
K-UH908D-45	400	9	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,530	1,580	1,610
K-UH912D-45	400	9	12	450	400 x 450	319 x 439	360 x 75	180 x 83	6,430	1,580	1,610
K-UH1204D-45	400	12	4	450	400 x 450	319 x 439	360 x 75	180 x 83	3,475	1,580	1,610
K-UH1206D-45	400	12	6	450	400 x 450	319 x 439	360 x 75	180 x 83	4,000	1,580	1,610
K-UH1208D-45	400	12	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,530	1,580	1,610
K-UH1212D-45	400	12	12	450	400 x 450	319 x 439	360 x 75	180 x 83	6,430	1,580	1,610
K-UH1504D-45	400	15	4	450	400 x 450	319 x 439	360 x 75	180 x 83	3,475	1,580	1,610
K-UH1506D-45	400	15	6	450	400 x 450	319 x 439	360 x 75	180 x 83	4,000	1,580	1,610
K-UH1508D-45	400	15	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,530	1,580	1,610
K-UH1512D-45	400	15	12	450	400 x 450	319 x 439	360 x 75	180 x 83	6,430	1,580	1,610

All information is based on data available at the time of publication and subject to change without previous notice.



Only available in



DUAL FUNCTION



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✉ Parts : swfcsparts@sunstar.co.kr

>> Feature

01



Upper thread holding system

- 1) Prevent unthreading in the heads stopped during embroidery.
- 2) Higher Productivity

02



Jump Motor

- 1) Productivity is improved by **no decrease** of speed even at jump stitch.

03



Thread Tension Unit

- 1) New structure of tension plate and adoption of thread way
- 2) Reduction of load given to the thread compared with existing tension plates
- 3) Stable thread flow and smooth thread way

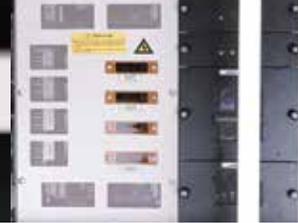
04



Lubrication

- 1) The drop-type greasing is easy for users and maintains clean work environment.

05



Control Box

- 1) For easy service by simple structure of rack type
- 2) Convenient maintenance and wiring by CAN communication system
- 3) Use control board of module type to change easily
- 4) Compact size of control box

06



Color Change Box

- 1) To stabilize change of each thread, new type of color box is adapted.
- 2) Higher quality and productivity by removing errors from potentiometer

07



Transformer Box

- 1) Even though the electric current is lower or higher than that of each machines requirement to operate, adopting new transformer box enables electricity to be supplied more stably.

■ Minimized multi-speed drop range

The multi-speed drop range is shortened to enhance the stitching quality in speed change.
(When the stitching length exceeds 5.5mm, drop-speed decreases by 10 rpm per 0.1mm)

■ Enhanced reliability by upgrading I/O Board

■ Adopting new type of color change box

■ Enhanced reliability by upgrading I/O Board

Optimizing X-Y motion and improving upper thread way

OPTIONAL DEVICE

Sequin Device



Cording Device



Boring Device



Pocket Frame



NEW OPERATION BOX



15.1 INCH TOUCH OPERATION PANEL

1. Easy to view settings and embroidery status.
2. Free-Hand Stitch Function
3. Stitch Player (Smart Embroidery System)

SWNS



SWFS (Sunstar World Networking System)

1. Networking System with a Wireless system
2. Send and download designs to and from you embroidery machines via WiFi.
3. Reduce machine down time and increase productivity.