

# KE DUAL SERIES

Dual function automatic embroidery machines

**SWF / KE - U H 15 06 D - 45**

Series  
M/C Type  
Head Interval

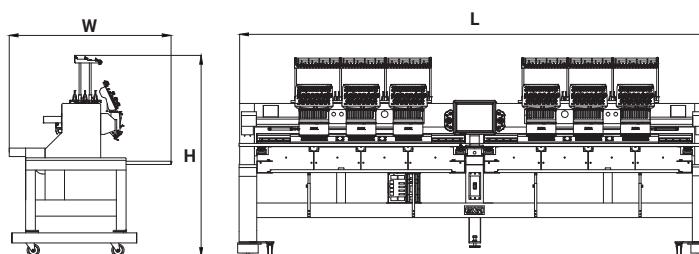
Y-Stroke  
Dual Function  
No. of Heads  
No. of Colors

Specifications	
Speed	Tubular Wide Cap Semi-wide Cap
Stitching Length	0.1 ~ 12.7 mm
Motor	Main X-Y
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
KE-UH1204D-45	400	12	4	450	400 x 450	319 x 439	360 x 75	180 x 83	3,475	1,580	1,610
KE-UH1206D-45	400	12	6	450	400 x 450	319 x 439	360 x 75	180 x 83	4,000	1,580	1,610
KE-UH1208D-45	400	12	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,530	1,580	1,610
KE-UH1212D-45	400	12	12	450	400 x 450	319 x 439	360 x 75	180 x 83	6,430	1,580	1,610
KE-UH1504D-45	400	15	4	450	400 x 450	319 x 439	360 x 75	180 x 83	3,475	1,580	1,610
KE-UH1506D-45	400	15	6	450	400 x 450	319 x 439	360 x 75	180 x 83	4,000	1,580	1,610
KE-UH1508D-45	400	15	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,530	1,580	1,610
KE-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.



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Dual function automatic embroidery machines

Only available in



DUAL FUNCTION



For W24H Service

Head office #39, SAEBEOL-RO, BUPYEONG-GU, INCHON, REPUBLIC OF KOREA

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## » Feature

01



02



03



04



05



06



07



### Upper thread holding system

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

### Jump Motor

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

### 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

### Lubrication

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

### 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

### 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

### 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

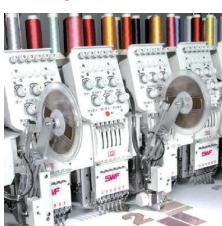
#### ■ Adopting new type of color change box

#### ■ 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 Fuction
3. Stitch Player (Smart Embroidery System)

## SWNS



### SWFS (Sunstar World Networking System)

1. Newworking 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.