

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



Specifications	
Tubular	Max. 1,000 rpm
Wide Cap	Max. 850 rpm(4,6,8 Heads), 750 rpm(12 Heads)
Semi-wide Cap	Max. 850 rpm(4,6,8 Heads), 750 rpm(12 Heads)
Stitching Length	0.1 ~ 12.7 mm
Motor	Servo Motor x 2
Main	Pulse Motor x 6
X-Y	1-Phase 100V, 110V, 120V, 200V, 240V [50/60Hz]
Electricity	1.5 kW
Power Consumption	Standard
Bobbin Winder	Standard
Upper Thread Holding Unit	Semi-auto Lubrication System
Lubrication System	Standard
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	S030/S031D, S035, S041i, Z020, Cording, Boring, Cap Frame [Semi/Wide]

### Division of Model

Model	Head Interval [mm]	Color	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.



# K DUAL SERIES

Dual function automatic embroidery machines

## DUAL FUNCTION

Only available in SWF



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For WZAH service  
[www.swf-service.com](http://www.swf-service.com)



## Dual Function, Only available in SWF

- 01 | Two operations are converged on one machine.
- 02 | Only available in SWF, Dual Function series gives the double benefit.
- 03 | With Dual series, you can easily embroider two different items and patterns at the same time.

### Main Features

- **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 5.5 mm, drop-speed decreases by 10 rpm per 0.1 mm)
- **Enhanced reliability by upgrading I/O Board**
- **Adopting new type of color change box**
- **Improved embroidery quality**  
Optimizing X-Y motion and improving upper thread way



• model :K-UH1506D-45

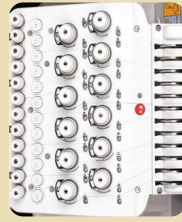
### Technology

#### UPPER THREAD HOLDING SYSTEM



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

#### 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

#### JUMP MOTOR



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

#### CONTROL BOX

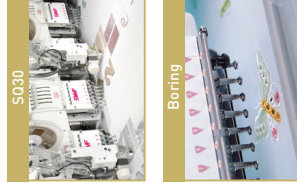
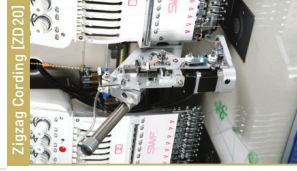


- 1) For easy service by simple structure of rack type
- 2) Convenient maintenance and wiring by CAN communication system
- 3) Use control board of module type to change easily
- 4) Compact size of control box

### Improving overall stitch quality

- Optimizing X-Y motion → Efficiency in small stitching length work
- Optimizing the motion of Presser Foot for the better performance in the thick work-piece and thread breakage
- Enhancing the durability of X-Y motion under the overload condition
- Securing the stitching quality by minimizing the multi-speed drop range by 10 rpm (normally by 50 rpm)

### Optional Device



### LUBRICATION



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

### OPERATION BOX



- 1) Large 10.4" graphic TFT LCD monitor
- 2) Communication-type easy control for convenient work
- 3) USB memory stick
- 4) Support USB slave port to connect PC
- 5) Multi-language support
- 6) Touch screen

### COLOR CHANGE BOX



- 1) To stabilize change of each thread, new type of color change 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.