

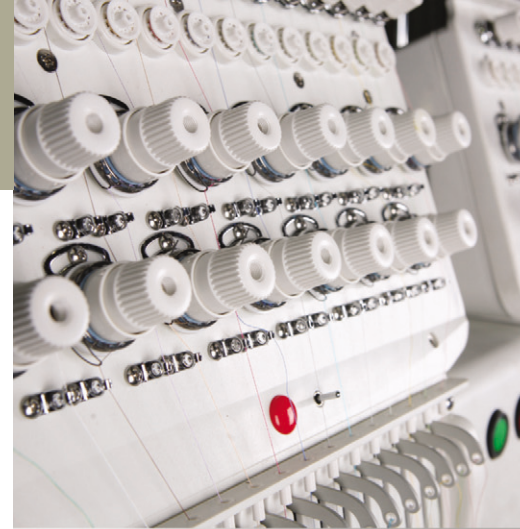
**SWF / K - U H 15 06 - 45**

Series		Y-Stroke
M/C Type		No. of Heads
Head Interval		No. of Colors

Specifications		
Speed	Max. 1,000 rpm	
Stitching Length	0.1 ~ 12.7 mm	
Motor	Main	Servo Motor x 1
	X-Y	Pulse Motor x 3
Electricity	1-Phase 100V, 110V, 120V, 200V, 220V, 240V [50/60Hz]	
Power Consumption	2 Head : 700 W	
	4 Head, 6 Head, 8 Head : 1.0 kW	
Bobbin Winder	Standard	
Upper Thread Holding Unit	Standard	
Lubrication	Semi-auto Lubrication System	
Operation Box	Standard : Color LCD Screen	
Hook	Standard Hook	
Memory Capacity	Standard : 4,000,000 stitches	
Memory Media	USB	
Safety Device	Standard : Emergency Stop, Error Code Message	
Optional Device	SQ30/SQ31D, SQ41i, ZD20, 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-UH904-45	400	9	4	450	400 x 450	319 x 439	360 x 75	180 x 83	2,440	1,200	1,610
K-UH906-45	400	9	6	450	400 x 450	319 x 439	360 x 75	180 x 83	3,240	1,200	1,610
K-UH908-45	400	9	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,186	1,610	1,610
K-UH1204-45	400	12	4	450	400 x 450	319 x 439	360 x 75	180 x 83	2,440	1,200	1,610
K-UH1206-45	400	12	6	450	400 x 450	319 x 439	360 x 75	180 x 83	3,240	1,670	1,610
K-UH1208-45	400	12	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,186	1,720	1,610
K-UH1506-45	400	15	6	450	400 x 450	319 x 439	360 x 75	180 x 83	3,240	1,670	1,610
K-UH1508-45	400	15	8	450	400 x 450	319 x 439	360 x 75	180 x 83	4,186	1,720	1,610
K-UK604-45	500	6	4	450	500 x 450	419 x 439	360 x 75	180 x 83	2,940	1,670	1,610
K-UK606-45	500	6	6	450	500 x 450	419 x 439	360 x 75	180 x 83	3,986	1,720	1,610
K-UK902-45	500	9	2	450	500 x 450	419 x 439	360 x 75	180 x 83	1,940	1,200	1,610
K-UK904-45	500	9	4	450	500 x 450	419 x 439	360 x 75	180 x 83	2,940	1,200	1,610
K-UK906-45	500	9	6	450	500 x 450	419 x 439	360 x 75	180 x 83	3,986	1,720	1,610
K-UK1202-45	500	12	2	450	500 x 450	419 x 439	360 x 75	180 x 83	1,940	1,670	1,610
K-UK1204-45	500	12	4	450	500 x 450	419 x 439	360 x 75	180 x 83	2,940	1,670	1,610
K-UK1206-45	500	12	6	450	500 x 450	419 x 439	360 x 75	180 x 83	3,986	1,720	1,610
K-UK1502-45	500	15	2	450	500 x 450	419 x 439	360 x 75	180 x 83	1,940	1,670	1,610
K-UK1504-45	500	15	4	450	500 x 450	419 x 439	360 x 75	180 x 83	2,940	1,670	1,610
K-UK1506-45	500	15	6	450	500 x 450	419 x 439	360 x 75	180 x 83	3,986	1,720	1,610

We can make some modification for improvements without previous notice.  
 • According to the system evening sunlight the memory with marking contents is a different possibility.



# K TUBULAR SERIES

Small-heads automatic tubular embroidery machines

Optimum and Verifiable Solutions



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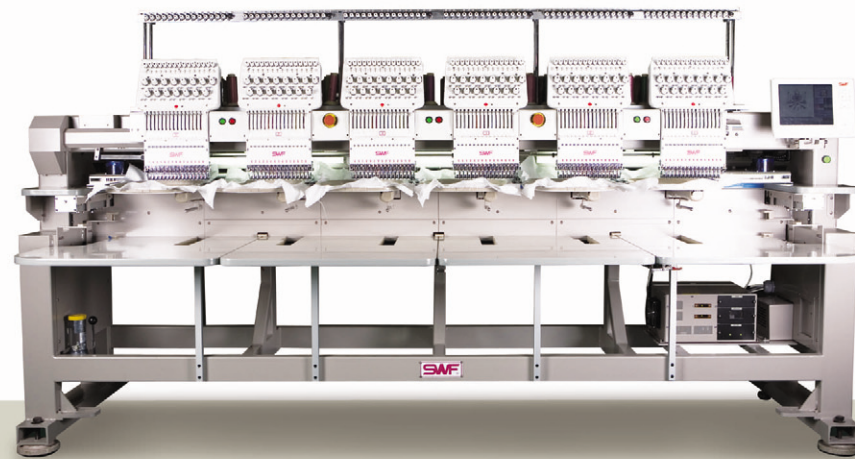


## Optimum and Verifiable Solutions

### Main Features

#### Improving overall stitch quality

- Optimizing X-Y motion → Efficiency in small stitch 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)



▲ model : K-UH1506-45

### Technology



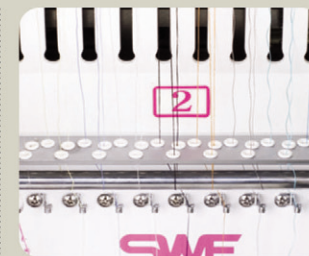
#### UPPER THREAD HOLDING SYSTEM

- 1) Geared motor enables simultaneous operation of all heads, ensuring accurate timing.
- 2) Higher productivity



#### JUMP MOTOR

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



#### 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



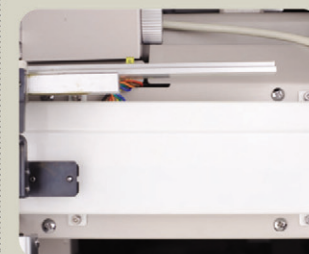
#### CONTROL BOX

- 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



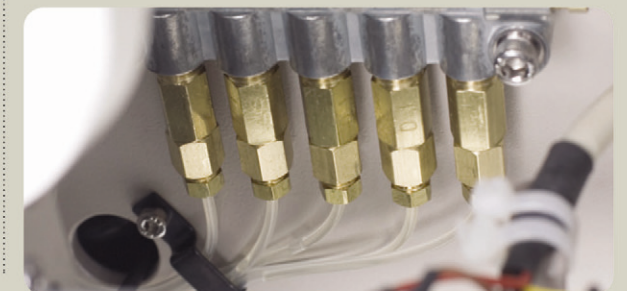
#### OPERATION BOX

- 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



#### 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



## Optimum solution for the productivity in small & medium-sized material

Garment logo & Emblem embroidery work



High stability by adapting controller of multi-head embroidery M/C's operation box

Design-leading Companies  
-Application of various attachment (ZD20, SQ41i)

K series, has enforced networking system, is compatible with SENS.

### Optional Device

Zigzag Cording [ZD20]



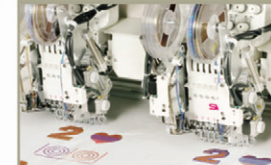
Individual Sequin [SQ41i]



SQ30



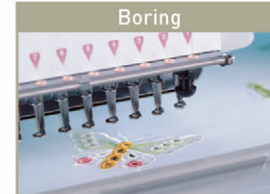
SQ31D



Cording



Boring



Semi/Wide Cap Frame



Border Frame

