

KS TUBULAR SERIES

KS series small-Heads
Automatic tubular Embroidery Machines

ADVANCED EFFICIENCY FEATURES & TECHNOLOGY



The (Optional) Quick Change Cap Driver easily snaps into the tubular arms just like a standard tubular hoop. Changing over from regular embroidery to caps has never been easier or faster.



The KS Series machines offer Wi-fi capability for easy design transfer and remote monitoring of production progress and status. (Optional) bar-code scanning of jobs ensures operators have the correct job information every time.



KS TUBULAR SERIES

All NEW KS Series small (2, 4, 6 & 8) head automatic tubular embroidery machines

STANDARD INCLUSIONS & FUNCTIONS

Frames / Hoops

Per head:
2 x 9cm round
2 x 12cm round
2 x 15cm round
2 x 18cm round
2 x 32 x 44cm
2 x 30 x 30cm

Misc

Manual & parts books
Machine grease & oil
Spare parts, tool kit

- Save design needle settings
- Expanded Trim functions
- Expanded Memory Size
- Mirror Image Conversion & Design Direction
- Enlarge & Reduce Design
- General Repetition Work

Functions

- Special Repetition Work
- Automatic Offset
- Manual Offset
- Origin Return
- Float Stitch Function
- Auto return to Embroidery Stop position (in the event of power interruption)
- Edit Function (delete, modify, insert stitch data)
- Individual Head operation
- Auto recognition of other design formats
- Set & current speed display
- Design trace (with laser)
- Embroidery Frame Limits settings

SPECIFICATIONS

Max. speed *	1,200spm
Stitching length (mm)	0.1~12.7
Motor	Main Servo motor x 1 X-Y Servo motor x 2
Electricity	1-Phase 100V, 110V, 120V, 200V, 220V, 240V (50/60Hz)
Power consumption	2 Head : 850 W / 4 Head, 6Head, 8Head :1.2 KW
Bobbin Winder	Standard
Upper thread holding	Standard
Lubrication system	Semi-auto
Operation panel	15.1" Touch LCD
Hook	Standard hook
Memory capacity	2,000,000 Stitch / design
Memory media	USB
Safety device	Emergency stop switch, Error code message
Option device	SQ30/SQ60/ZD20/Cording/Boring

* Note 1. In the case of 8-head machine, the speed is lower than that of other models

OPTIONS

- Wide (270°) Cap frames
- Semi-wide (bucket hat) Cap frames
- Quick Change Wide Cap frames
- Wi-fi adapter
- Barcode scanner
- Mighty Hoops
- Thread tubes
- Border Frame
- Sequin Devices
- Boring Device
- Cording Device

SMF

Innovation that Changes Everything



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High Speed
1200spm

Electronically
adjustable
presser foot
height

15.1" Hi-Def
Touch Screen

• W24H THE SPIRIT OF SERVICE •

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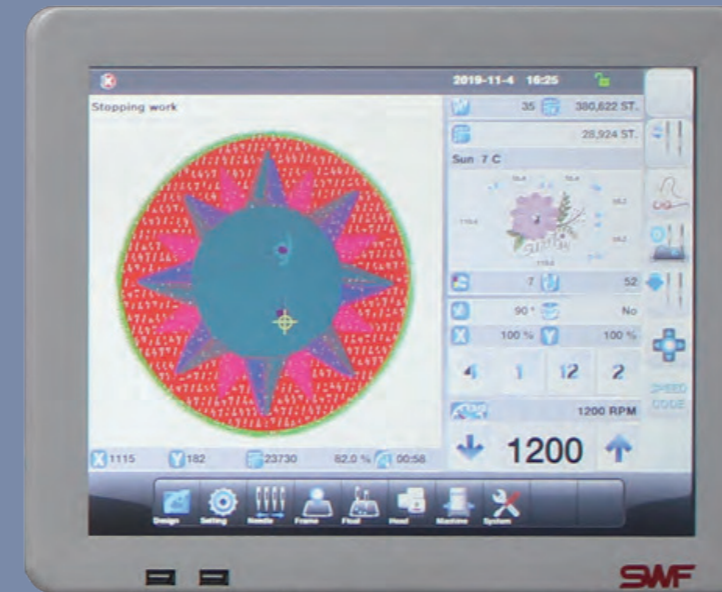
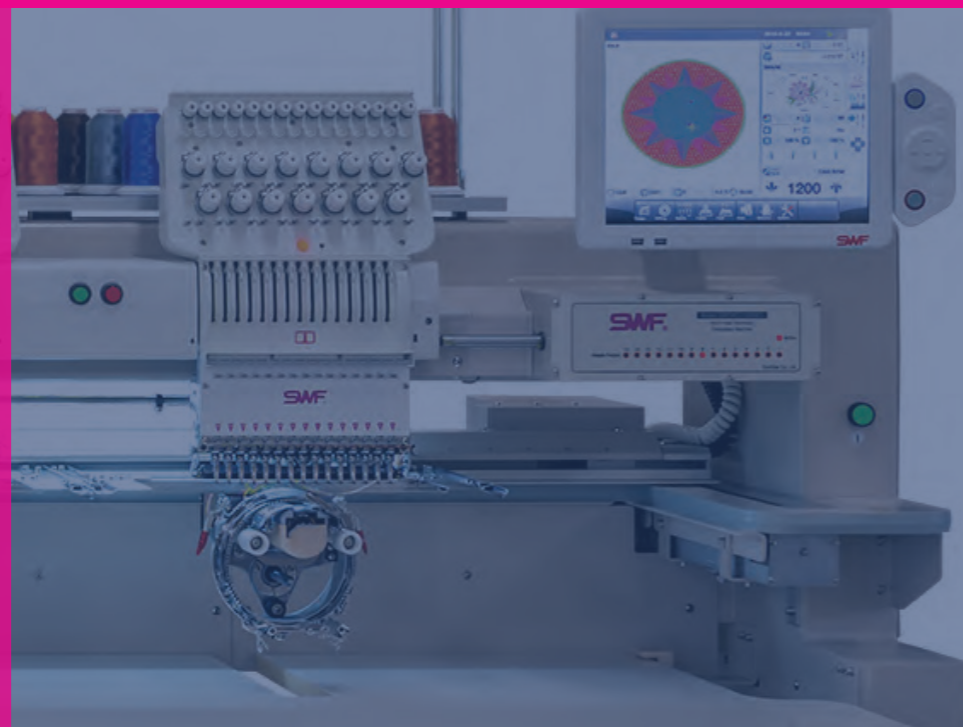
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**HIGH
SPEED**

1200SPM

**SLIM-LINE
BODY**

800mm wide



KS TUBULAR Series

The 15.1" Full Touch LCD control panel with user friendly interface makes machine operation a breeze. Support for Key Pad, Mouse & HDMI Output. The new interface also allows for saving of a design file in a new file format which also saves the needle / colour settings. Save up to 400 designs, and preview the design list with a thumbnail view and file name. Preview designs on USB.

UNCOMPROMISING

Production Quality & Efficiency

SWF has been producing innovative commercial embroidery machines for over 20 years

and that innovation continues with the latest offering from SWF - the KS Series of Tubular Embroidery machines. Embroider flats, finished goods, caps and more at up to 1200spm - that's a whopping 20% increase in production speed, with no sacrifice in quality. Transfer jobs wirelessly and monitor up to 200 machines from one computer with new WiFi networking capability. Enhanced on-board memory allows you to store up to 400 designs / 40 million stitches (max 2 million stitches/design).

All new ball screw colour change mechanism, improved head linear motion guides, high strength X & Y steel beams and heavy duty servo motors for X, Y and Z drive all precisely engineered to deliver high-speed, high-quality embroidery production.

PRODUTIVITY FEATURES



Adjustable Presser Feet

Digitally controlled presser foot height to accommodate different material thicknesses to reduce noise, flagging, and fabric marking.



Precise Colour Change

Faster and more accurate colour change with the implementation of a ball screw mechanism.



X-Y-Z Drive

Higher embroidery speeds, improved stitch quality & noise reduction are achieved through X, Y & Z Servo motors.

Semi-Automatic Oiling

As a standard inclusion, the SWF Semi-Automatic Oiling System, allows you to focus on embroidery production & efficiency. All that is required is for the operator to pump the handle of the oil reservoir - even while the machine is running - and the system then automatically delivers the correct quantity of oil to ALL of those hard to get to, otherwise easy to forget, oiling points.

SWF / KS - U H 15 06 - 45

Series

Machine Type

Head Interval (H/K)

Y Stroke

No. Heads (2-8)

No. Needles

Model	Needles	Heads	Head Interval	Y stroke	Embroidery Field				Machine Size					Max Speed	
					Standard	Tubular	Wide Cap Frame	Wide Cap Frame (QC)	A	B	C	D	E	Tubular	Caps
SWF/KS-UK1502-45	15	2	500mm	450mm	500 x 450mm	419 x 439mm	360 x 75mm	360 x 53mm	2,020mm	1,610mm	1,820mm	795mm	1,250mm	1,200spm	1,000spm
SWF/KS-UH1504-45	15	4	400mm	450mm	400 x 450mm	319 x 439mm	360 x 75mm	360 x 53mm	2,520mm	1,610mm	1,820mm	795mm	1,250mm	1,200spm	1,000spm
SWF/KS-UK1504-45	15	4	500mm	450mm	500 x 450mm	419x 439mm	360 x 75mm	360 x 53mm	3,046mm	1,610mm	1,820mm	795mm	1,250mm	1,200spm	1,000spm
SWF/KS-UH1506-45	15	6	400mm	450mm	400 x 450mm	319x 439mm	360 x 75mm	360 x 53mm	3,320mm	1,610mm	1,820mm	795mm	1,250mm	1,200spm	1,000spm
SWF/KS-UK1506-45	15	6	500mm	450mm	500 x 450mm	419x 439mm	360 x 75mm	360 x 53mm	4,046mm	1,610mm	1,820mm	795mm	1,250mm	1,200spm	1,000spm
SWF/KS-UH1508-45	15	8	400mm	450mm	400 x 450mm	319x 439mm	360 x 75mm	360 x 53mm	4,120mm	1,610mm	1,820mm	795mm	1,250mm	1,100spm	900spm

