

KE DUAL FUNCTION TUBULAR SERIES

KE series Dual Function Automatic tubular Embroidery Machines



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 KE 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.



KE Series Dual Function small (4,6,8 & 12) head embroidery machines



Flexibility and Productivity like No Other



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	1,000spm
Stitching length (mm)	0.1~12.7
Motor	Main Servo motor x 1 X-Y Pulse motor x 2
Electricity	1-Phase 100V, 110V, 120V, 200V, 220V,240V (50/60Hz)
Power consumption	1.5 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/SQ60I/ZD20/Cording/Boring

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

• W24H THE SPIRIT OF SERVICE •

SUNSTAR WEB SITE : <https://www.sunstar.co.kr> >

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High Speed
1000spm

Up to 25%
More
Productivity

15.1" Hi-Def
Touch Screen

AUTOMATIC OILING

WI-FI NETWORKING

KE Dual Function

SWF's World Patented Dual Function Technology gives this machine (using a 4 head dual function machine as an example) the ability to operate as either a traditional 4 head machine with increased production, as two separate 2 head machines, two separate single heads or even as a 3 head machine (the possibilities are almost endless!) giving the user even more flexibility and productivity.

GO BEYOND

the limits of traditional embroidery

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

and that innovation is epitomised in the KE Dual Function Series of Tubular Embroidery machines.

Embroider flats AND finished goods OR caps AND finished goods OR flats and CAPS simultaneously or utilise the machine as a standard machine for larger job runs. 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 2m stitches/design).

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

SWF / KE - U H 15 06 D - 45

Series

Machine Type

Head Interval (H/K)

Y Stroke

Dual

No. Heads (4-12)

No. Needles

Model	Needles	Heads	Head Interval	Y stroke	Embroidery Field				Machine Size				
					Standard	Tubular	Wide Cap Frame	Wide Cap Frame (QC)	A	B	C	D	E
SWF/KE-UH1504D-45	15	4	400mm	450mm	400 x 450mm	319 x 439mm	360 x 75mm	360 x 53mm	3,475mm	1,610mm	1,820mm	860mm	1,250mm
SWF/KE-UH1506D-45	15	6	400mm	450mm	400 x 450mm	319 x 439mm	360 x 75mm	360 x 53mm	4,000mm	1,610mm	1,820mm	860mm	1,250mm
SWF/KE-UH1508D-45	15	8	400mm	450mm	400 x 450mm	319 x 439mm	360 x 75mm	360 x 53mm	4,530mm	1,610mm	1,820mm	860mm	1,250mm
SWF/KE-UH1512D-45	15	12	400mm	450mm	400 x 450mm	319 x 439mm	360 x 75mm	360 x 53mm	6,430mm	1,610mm	1,820mm	860mm	1,340mm

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

PRODUCTIVITY FEATURES



15.1" Full Touch LCD Control Panel

User friendly interface with support for Keypad, Mouse, & HDMI output makes for easy operation.



Precise Colour Change

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



Superior Memory

Save up to 400 designs (max 2million stitches each) / max 40 million stitches onboard, plus USB storage! Also save design colour/needle setup.

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.

