

HappyJapan

INDUSTRIAL MULTI HEAD
EMBROIDERY MACHINE

HCT
S E R I E S

MADE IN JAPAN

NEW!



**HIGH
PRODUCTIVITY,
VERY USER-
FRIENDLY**

Silent design
Direct moving head
Slim profile, keeper-less
cylinder arm

**ENHANCED
EMBROIDERY
QUALITY**

Automatic material thickness
detection system
Digital tension control system

AMAZING USER-FRIENDLINESS, EXTREME PERFORMANCE.

HAPPYJAPAN'S FLAGSHIP INDUSTRIAL MULTI-HEAD EMBROIDERY MACHINE



HCT Series (2-12 Heads)

HCT X Series(stretched field 2,4,6,8 Head Models)

HCT-Series multi-heads are offered in standard-field configuration, with a generous max sewing field of 17.7" deep x 14.1" wide. (Largest included frames are 12.5"w x 12.5"h). The HCT-Series is available in 4, 6, 8 and 12-head models. Additionally, the HCT X-Series provide an even larger sewing field of 17.7" deep x 19.7" wide, with the largest included hoops at 17.25"w x 16.5"h. 2, 4, 6 and 8 head models are available in the larger field configuration.



USABILITY & PRODUCTIVITY ENHANCEMENT

Silent Drive System

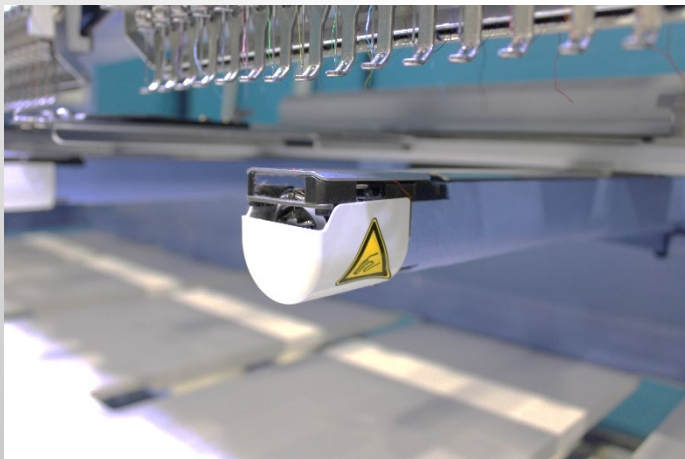
The introduction of new technology has reduced operating noise, significantly, improving the work environment.

Enhanced Threading

The thread path has been simplified by 2 full steps, improving thread flow at all speeds. In addition, the new pressure foot is designed with a vertical slot along the strut, make threading easier, which in turn improves work efficiency.

Smaller Cylinder Arm With keeper-less design

The new cylinder arm is much smaller in diameter over previous models. This facilitates embroidery on narrower tubular goods such as shirt sleeves, pockets, gloves, and more. Its keeper-less design enables smoother thread changes.



Shorter Thread Tails

The new, keeper-less sewing arm also reduces the length of the thread tails after cuts by a factor of 75%.

Improved Operation with Flat-Brimmed Caps

The thread catcher guard has been redesigned to work better with flat-brimmed caps.

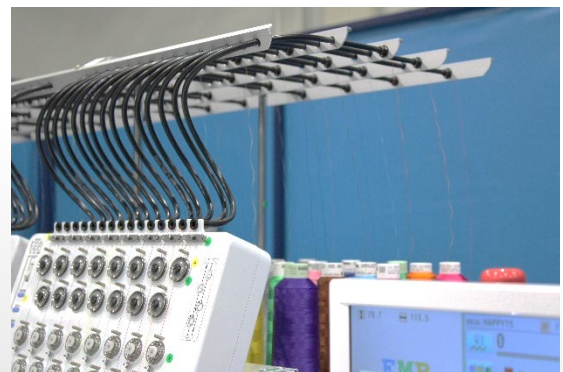


Direct Moving Head

The smooth X-axis movement of the moving head enables needle bar switching at double the speed over previous models.

Simplified Upper Thread Feed System

A stylish black antistatic tube is used in the upper thread feed section. The tube is connected directly above the upper thread cone, allowing the upper thread to be supplied to the thread tension section by pressurized air instead of by hand.



HAPPY LAN/LINK and HAPPYBELL

The included HAPPYLAN and HAPPYLINK software enables networked control of multiple machines with a single PC.

Using HAPPYBELL, operators are able to monitor the embroidery status with a smartphone.

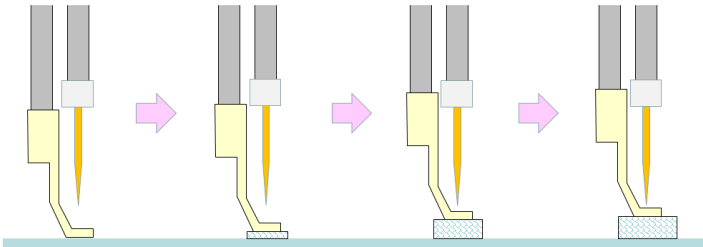
EMBROIDERY QUALITY ENHANCEMENT

Automatic material thickness detection system/Digital presser foot height control system

With the automatic material thickness detection system, the machine automatically sets the height of the presser foot. It does this dynamically, adjusting on-the-fly to varying fabric conditions.

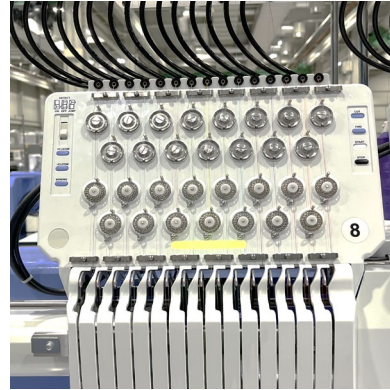
The machine is driven by a dedicated motor, allowing the presser foot to come down before the needle, improving overall sewing quality.

In addition, since the height of the presser foot can be set and stored digitally, setup is greatly simplified, and high-quality, stable embroidery can easily be achieved regardless of operator experience level.



Digital thread tension control system

Since the needle thread tension can be set and stored digitally, machine operation is greatly simplified. As a result, high quality embroidery can be reliably achieved regardless of operator experience level.



DURABILITY ENHANCEMENT

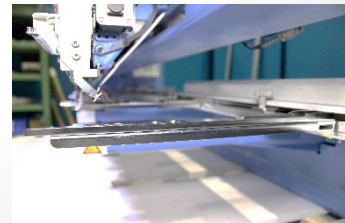
New Durable Reinforced Head

Newly-designed sewing head has reinforced internal structure, improving durability.



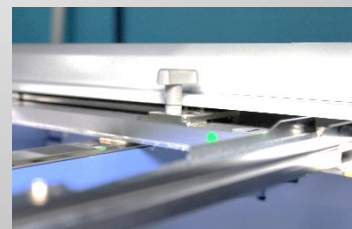
Heavier-Duty Frame Connection Sash

Frame sash thickness has been upgraded to increase durability and reduce vibration.



Custom Knobs for Mounting Frame Arms

HCT's included thumbscrews allow for completely tool-less installation and removal.



Made in Japan

All HappyJapan's embroidery machines are manufactured in Japan.

STANDARD ACCESSORIES



Square frame : PTA-32320-360
WS-42440-500



Round frame : PTA-12-360
PTA-15-360
PTA-18-360

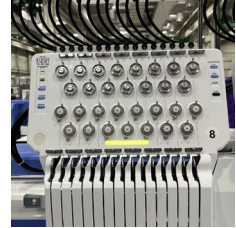
FACTORY OPTIONS



Laser Pointer



10.4inch LCD Panel



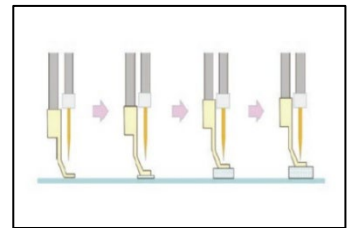
Digital Tension Control System



Upper Thread Holder



Bobbin Winder



Automatic material thickness
detection system/digital
presser foot height control
system

OPTIONAL ACCESSORIES



Cap Frame



One Point Frame (Long
type)



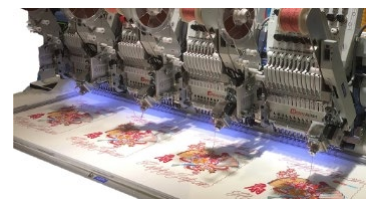
Border Frame



Spider Frame



Round Frame Preparation Base

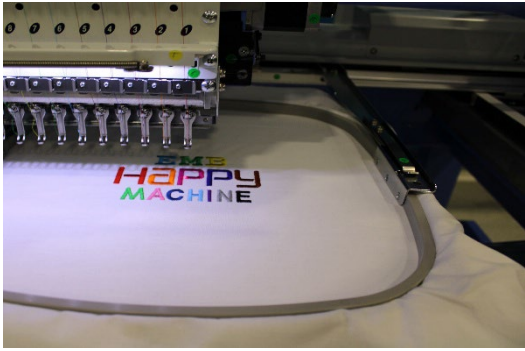


Sequin & Zigzag Cording
Device

More Options Available

For more information about other options , please contact your local distributor(s) in your country

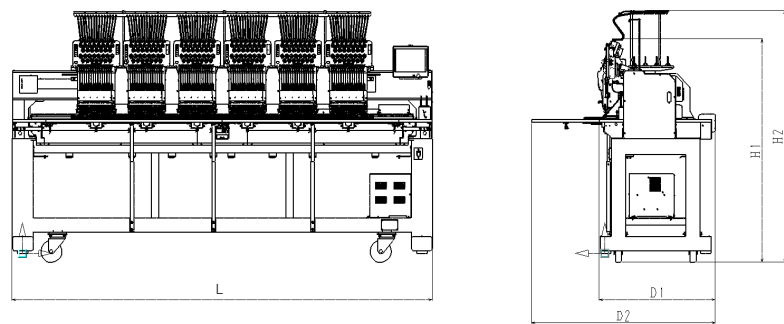
HCT Series



HCT Series Specifications

Model	Head	Needles	Needle Distance	Embroidery Area per Head				Maximum Speed(RPM)	
				Max EMB.Area(Flat)	Largest Tubular Frame size	Wide Cap Frame	Normal Cap Frame	Flat Tubular	Cap
HCT-1502	2	15	500mm 19.7inch	450 × 500mm 17.7 × 19.7inch	420 × 440mm 16.5 × 17.3inch	95 × 360mm 3.3 × 14.2inch	70 × 180mm 2.8 × 7.1inch	1,200	1,000
HCT-1504	4		360mm 14.2inch	450 × 360mm 17.7 × 14.2inch	320 × 320mm 12.6 × 12.6inch			1,100	1,000
HCT-X1504	4		500mm 19.7inch	450 × 500mm 17.7 × 19.7inch	420 × 440mm 16.5 × 17.3inch				
HCT-1506	6		360mm 14.2inch	450 × 360mm 17.7 × 14.2inch	320 × 320mm 12.6 × 12.6inch				
HCT-X1506	6		500mm 19.7inch	450 × 500mm 17.7 × 19.7inch	420 × 440mm 16.5 × 17.3inch				
HCT-1508	8		360mm 14.2inch	450 × 360mm 17.7 × 14.2inch	320 × 320mm 12.6 × 12.6inch				
HCT-X1508	8		500mm 19.7inch	450 × 500mm 17.7 × 19.7inch	420 × 440mm 16.5 × 17.3inch			1,000	1,000
HCT-1512	12		360mm 14.2inch	450 × 360mm 17.7 × 14.2inch	320 × 320mm 12.6 × 12.6inch				

Model	Stich length	Memory	Power Supply	Power consumption	Frequency	Weight	Dimensions(mm)					
							L	D1	D2	H1	H2	
HCT-1502	0.1-12.7mm 0.004-0.5inch	About 100,000,000 stitches	Single Phase 200-240V	360W	50/60Hz	490Kg	1,980	830	1,320	1,540	1,740	
HCT-1504				400W		580Kg	2,280					
HCT-X1504				530W		820Kg	3,000					
HCT-1506						870Kg	3,000					
HCT-X1506		720W		1,070Kg		3,980						
HCT-1508				1,120Kg		3,980						
HCT-X1508		830W		1,440Kg		5,420						
HCT-1512				1,500Kg		5,420						



Manufactured by:

HappyJapan
HappyJapan Inc.

Product Info



Distributed by

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