ricoma
THINK BEYOND

CHT2 SERIES

COMMERCIAL EMBROIDERY MACHINES

WITH INTUITIVE 10.4" HIGH DEFINITION
TRUE COLOR TOUCH SCREEN

MAIN FEATURES

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The CHT2 has a wide range of capabilities and functions that make it perfect for any business, big or small.

- Suitable for embroidery on flats, caps, finished garments and more!
- Perfect for growing and established businesses alike
- High-Definition True-Color 10.4-inch LCD Touch Screen
- Maximum speed: 1000 spm
- Maximum embroidery area: 400 x 450 mm, or 15.8 x 17.7 in for standard models; 500 x 450 mm, or 19.7 x 17.7 in for wide models
- Wide angle cap system: 270° for wide models; 215° for standard models
- Large memory capacity:70 million stitches or 200 designs
- Machine reads multiple design formats such as DST, DSB and more
- Multiple hoop sizes for a variety of embroidery needs
- Automatic color change
- Automatic memory retention
- Smaller sewing arm greatly improves the performance of cap embroidery and embroidery on small items
- Multiple languages: English, Chinese, Spanish, Portuguese, Dutch, Russian and more
- Reinforced square guide rails allow for higher impact resistance and durability

- One-step tracing button on home screen
- Design transfer via USB
- Built-in button 178° and 201° under manual color change mode, a great help for machine maintenance
- Adjustable control panel positioning for better visibility and comfort
- Recessed USB port to protect USB flash drive
- Automatic thread trimmer
- Thread break detection
- Compatible with optional laser tracing device
- Easily add appliqué, sequin, boring or cording
- High torque main motor
- Slim machine width allows for easy entry through standard sized doors
- Front LED lamp provides better visibility and protection for eyes against strong light during threading
- Frame offset and frame outlining available for easy appliqué embroidery
- Double LED lights for a wider field of view
- Perfect for mass production of patches

- External 100° button and trimming button
- Environmentally friendly packaging
- USB input. Wi-Fi module is available and optional
- 110V/60Hz and 220V/50Hz available
- Double beam design to reinforce machine stability and reduce vibration
- Double belt system allows for higher torque, less noise and easier maintenance
- Leveling feet pre-mounted in the factory for easy transportation and installation
- New embroidery frame positioning board makes changing embroidery frames easier
- Heavy duty steel stand with wheels to ensure both stability and mobility
- Emergency stop button

* 4, 6 and 8 head CHT2 models can be upgraded to CHS2 (servo motor) at customer's request

SMALLER SEWING ARM

AUTOMATIC COLOR CHANGE

10.4" USER-FRIENDLY TOUCH PANEL

270º WIDE ANGLE CAP SYSTEM FOR WIDE MODELS

THREAD BREAK DETECTION

TECHNICAL SPECIFICATIONS

AVAILABLE IN STANDARD AND WIDE MODELS

Model	Panel	Heads	Needles	Machine Size With Stand (L*W*H)	Net Weight	Gross Weight	Embroidery Area	Head Interval	Cap EMB. Area	Maximum Speed	Voltage	Power Consumption	Memory Capacity
CHT2-1204-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	4	12	2700 x 1230 x 1600 mm (106.3 x 48.4 x 63 in)	650 kgs (1433 lbs)	700 kgs (1543.2 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	0.5 kw	70 million stitches or 200 designs
CHT2-1204-10.4S-W	High-Definition True-Color 10.4" LCD Touch Screen	4	12	3100 x 1230 x 1600 mm (122 x 48.4 x 63 in)	680 kgs (1499.1 lbs)	720 kgs (1587.3 lbs)	500 x 450 mm (19.7 x 17.7 in)	500 mm (19.7 in)	270°	1000 spm	90-240 v	0.5 kw	70 million stitches or 200 designs
CHT2-1504-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	4	15	2700 x 1230 x 1600 mm (106.3 x 48.4 x 63 in)	650 kgs (1433 lbs)	700 kgs (1543.2 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	0.5 kw	70 million stitches or 200 designs
CHT2-1504-10.4S-W	High-Definition True-Color 10.4" LCD Touch Screen	4	15	3100 x 1230 x 1600 mm (122 x 48.4 x 63 in)	680 kgs (1499.1 lbs)	720 kgs (1587.3 lbs)	500 x 450 mm (19.7 x 17.7 in)	500 mm (19.7 in)	270°	1000 spm	90-240 v	0.5 kw	70 million stitches or 200 designs
CHT2-1206-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	6	12	3500 x 1230 x 1600 mm (137.8 x 48.4 x 63 in)	760 kgs (1675.5 lbs)	850 kgs (1873.9 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	0.6 kw	70 million stitches or 200 designs
CHT2-1206-10.4S-W	High-Definition True-Color 10.4" LCD Touch Screen	6	12	4100 x 1230 x 1600 mm (161.4 x 48.4 x 63 in)	800 kgs (1763.7 lbs)	900 kgs (1984.2 lbs)	500 x 450 mm (19.7 x 17.7 in)	500 mm (19.7 in)	270°	1000 spm	90-240 v	0.6 kw	70 million stitches or 200 designs
CHT2-1506-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	6	15	3500 x 1230 x 1600 mm (137.8 x 48.4 x 63 in)	760 kgs (1675.5 lbs)	850 kgs (1873.9 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	0.6 kw	70 million stitches or 200 designs
CHT2-1506-10.4S-W	High-Definition True-Color 10.4" LCD Touch Screen	6	15	4100 x 1230 x 1600 mm (161.4 x 48.4 x 63 in)	800 kgs (1763.7 lbs)	900 kgs (1984.2 lbs)	500 x 450 mm (19.7 x 17.7 in)	500 mm (19.7 in)	270°	1000 spm	90-240 v	0.6 kw	70 million stitches or 200 designs
CHT2-1208-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	8	12	4300 x 1230 x 1650 mm (169.3 x 48.4 x 65 in)	1000 kgs (2204.6 lbs)	1120 kgs (2469.2 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	0.8 kw	70 million stitches or 200 designs
CHT2-1208-10.4S-W	High-Definition True-Color 10.4" LCD Touch Screen	8	12	5100 x 1230 x 1650 mm (200.8 x 48.4 x 65 in)	1200 kgs (2645.6 lbs)	1340 kgs (2954.2 lbs)	500 x 450 mm (19.7 x 17.7 in)	500 mm (19.7 in)	270°	1000 spm	90-240 v	0.8 kw	70 million stitches or 200 designs
CHT2-1508-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	8	15	4300 x 1230 x 1650 mm (169.3 x 48.4 x 65 in)	1000 kgs (2204.6 lbs)	1120 kgs (2469.2 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	0.8 kw	70 million stitches or 200 designs
CHT2-1508-10.4S-W	High-Definition True-Color 10.4" LCD Touch Screen	8	15	5100 x 1230 x 1650 mm (200.8 x 48.4 x 65 in)	1200 kgs (2645.6 lbs)	1340 kgs (2954.2 lbs)	500 x 450 mm (19.7 x 17.7 in)	500 mm (19.7 in)	270°	1000 spm	90-240 v	0.8 kw	70 million stitches or 200 designs
CHS2-1212-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	12	12	5960 x 1230 x 1650 mm (234.6 x 48.4 x 65 in)	1500 kgs (3306.9 lbs)	1700 kgs (3747.9 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	1.5 kw	70 million stitches or 200 designs
CHS2-1512-10.4S	High-Definition True-Color 10.4" LCD Touch Screen	12	15	5960 x 1230 x 1650 mm (234.6 x 48.4 x 65 in)	1500 kgs (3306.9 lbs)	1700 kgs (3747.9 lbs)	400 x 450 mm (15.8 x 17.7 in)	400 mm (15.8 in)	215°	1000 spm	90-240 v	1.5 kw	70 million stitches or 200 designs

FOUR-HEAD SOLUTIONS

RAMP UP PRODUCTION

With the four-head CHT2 machine, you can quadruple your production capacity, saving you time and increasing your capacity to embroider faster than ever.

CHT2 4-HEAD

SIX-HEAD SOLUTIONS

POWER THROUGH ALL TYPES OF GARMENTS

Take your productivity up a notch and power through flats, caps and more with the six-head CHT2 machine.
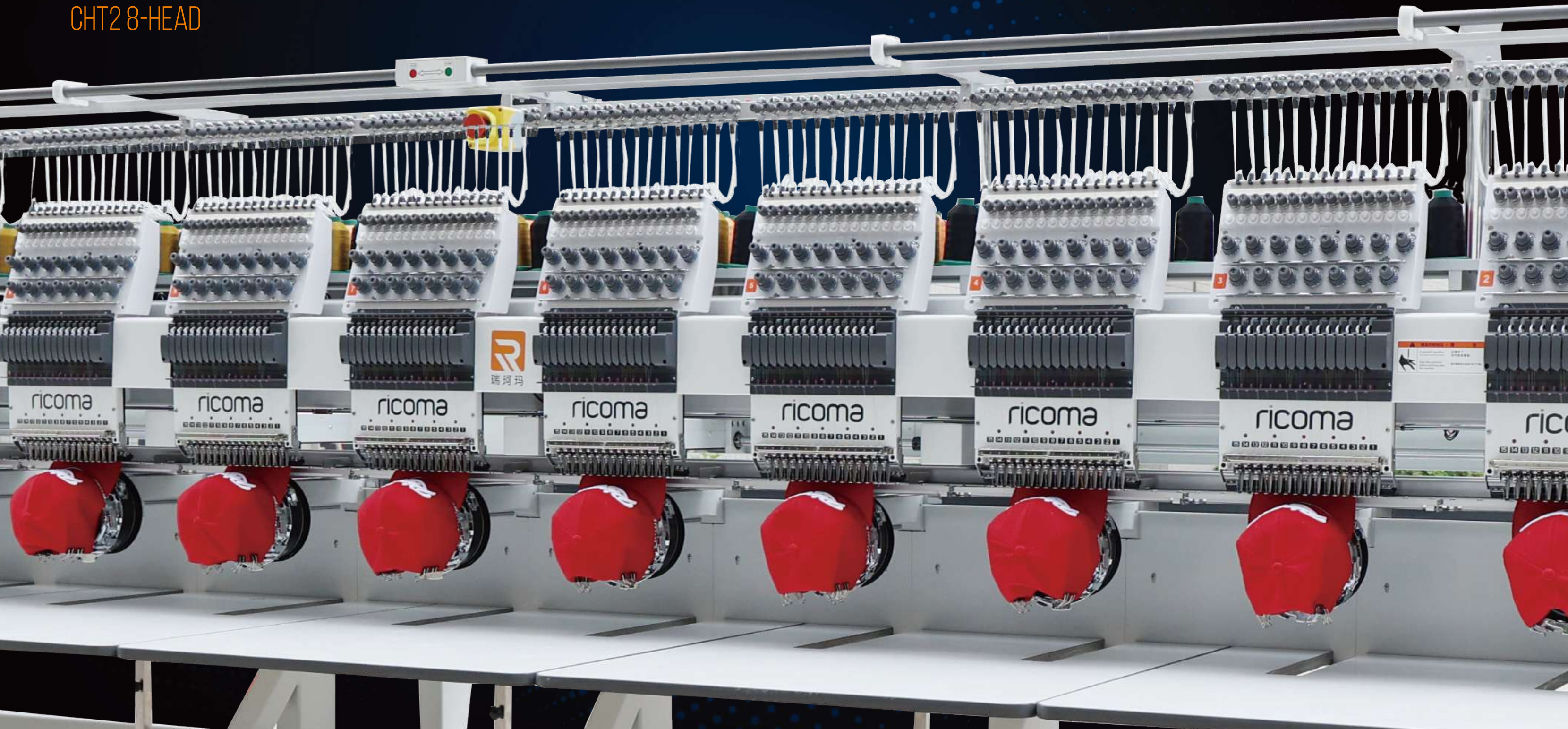
CHT2 6-HEAD

EIGHT-HEAD SOLUTIONS

SCALE YOUR BUSINESS TO NEW LEVELS

This workhorse of a machine is perfect for commercial shops that are serious about scaling their production by 8x and taking their business to the next level and beyond.

CHT2 8-HEAD

AVAILABLE IN UP TO 12 HEADS!

ESTABLISHED BUSINESSES CAN SCALE THEIR PRODUCTION WITH THE CHS2 TWELVE-HEAD

For large-scale businesses, fulfilling bulk orders as quickly and accurately as possible is crucial to keeping up with demand. The CHS2 series provides multi-head machines that can speed through flats, caps and plenty of finished garments with accuracy and precision so that you can always put your best work forward in a timely manner.
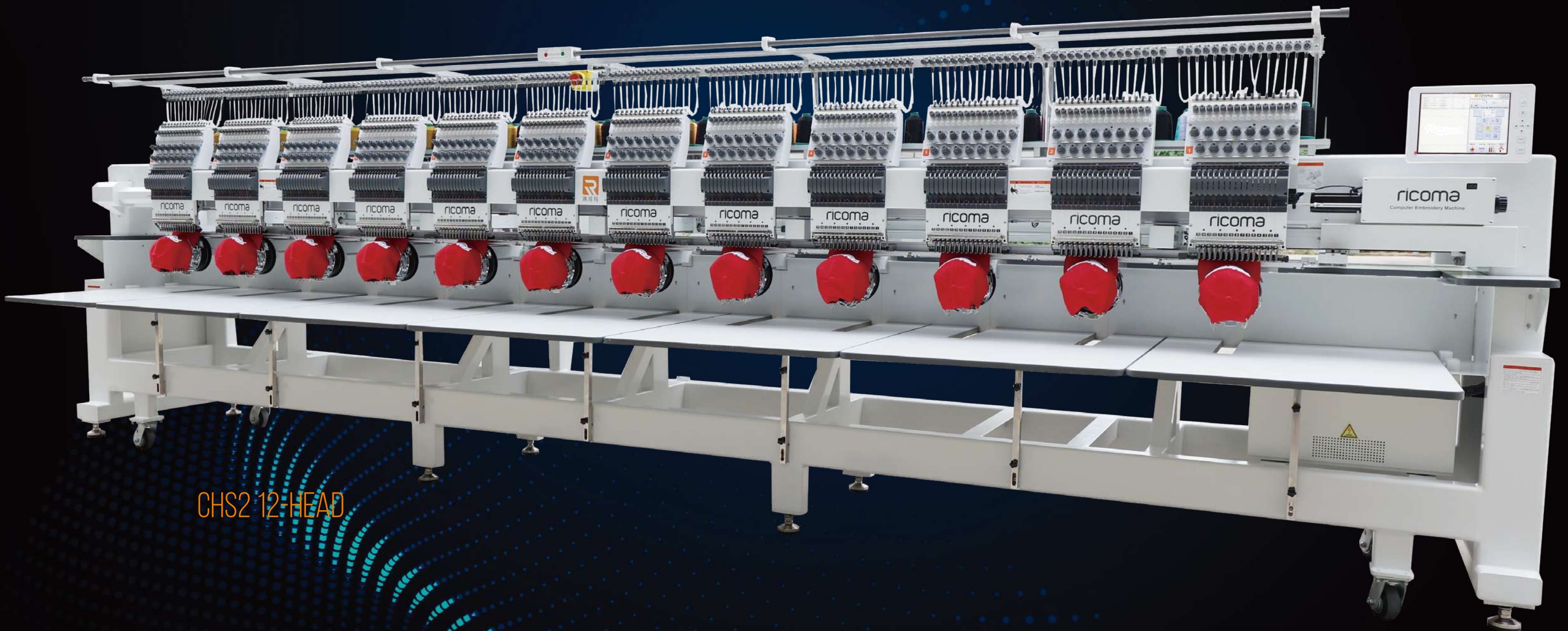
CHS2 12-HEAD

PANEL FEATURES

TECHNICAL SPECIFICATIONS

- Easy to operate

- Large memory capacity: 70 million stitches or 200 designs

- Machine reads multiple design formats such as DST, DSB and more

- Frame offset and frame outlining available for easy appliqué embroidery

- Multiple languages: English, Chinese, Spanish, Portuguese, Dutch, Russian and more

- USB input. Wi-Fi module is available and optional.

- Ergonomic touch screen allows for easy operation with right-hand thumb

- Preset hoop parameters, which are designed to avoid hitting hoop frames

- Automatic color change

- Built-in button 178° and 201° under manual color change mode, a great help for machine maintenance

- One-step tracing button on home screen

- Automatic thread trimmer
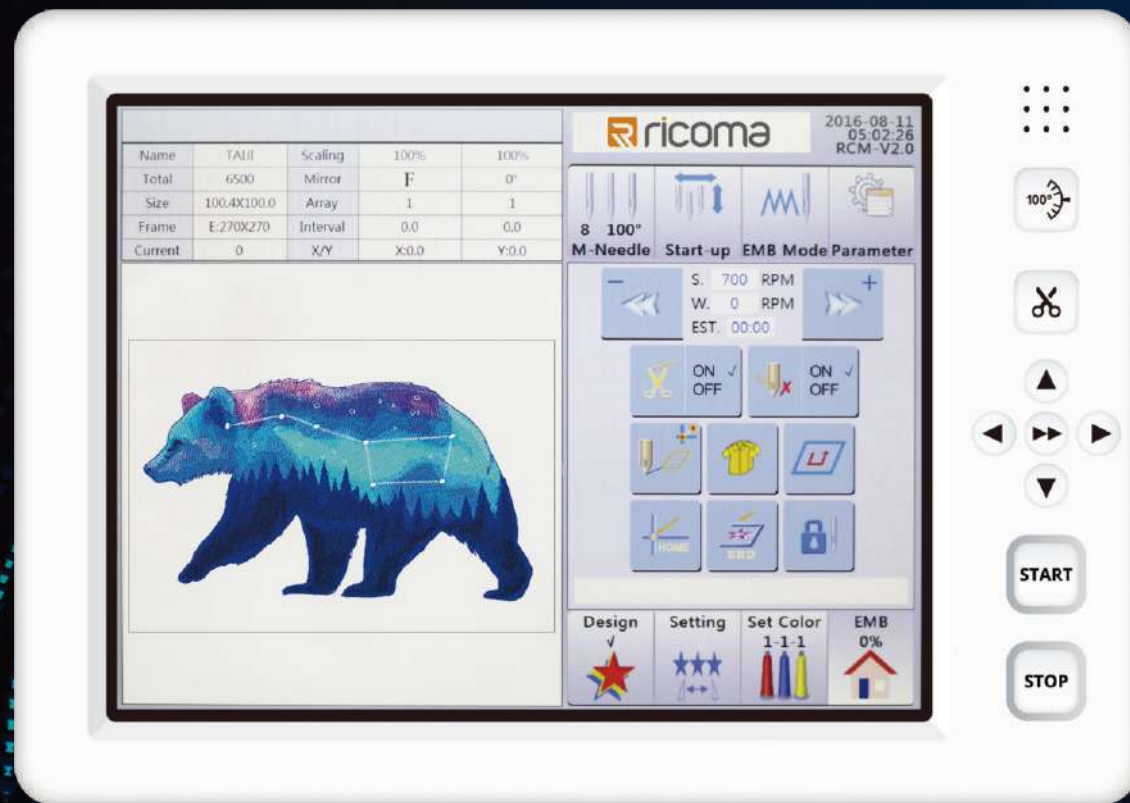
USER-FRIENDLY INTERFACE FOR EFFICIENT OPERATION

The intuitive High Definition True Color 10.4" LCD displays a clean interface with easy one-step commands for simple operation and a pleasant user experience.
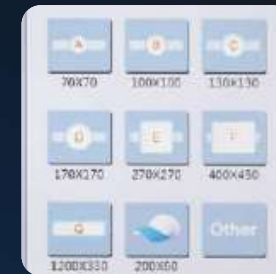
Preset Hoops

On-Board Lettering

One-Step Tracing
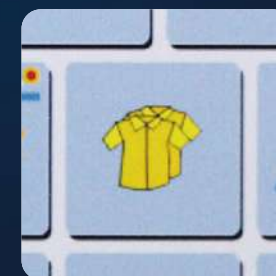
Production Report

Easy Color Selection

Easy Design Selection

OPTIONAL ADD-ONS

BROADEN YOUR POSSIBILITIES WITH THESE AFFORDABLE AND EASY-TO-USE ADD-ONS!

These attachments make hooping and adding embroidery effects a breeze. Embellish your designs with sequins, boring or cording; or use specialty hoops for all embroidery needs.

DEVICES

Sequin Device (SQ-E)
Attach the optional sequin device to your embroidery machine to add a pop of sparkle to your designs.

Cording Device (CD-E)
Easily create an embroidery effect with the cording device, which lays cord on fabric and attaches the cord with transparent zigzag stitches.

Laser Cutting Device
High powered laser beam to cleanly cut a specific design on materials such as patches, labels, and many other fabric decorations. All these can be achieved with high precision and speed.

Twin Sequin Device (2SQ-E)
Double your sequin capabilities with double the color and coil with the optional twin sequin device.

Double Twin Sequin Device (4SQ-E)
Create up to 4 colors and coils at a time with the double twin sequin device.

Bead Device
Explore your creativity to include intricate bead work with the optional bead device.

For a list of all compatible devices, contact a product specialist.

ACCESSORIES
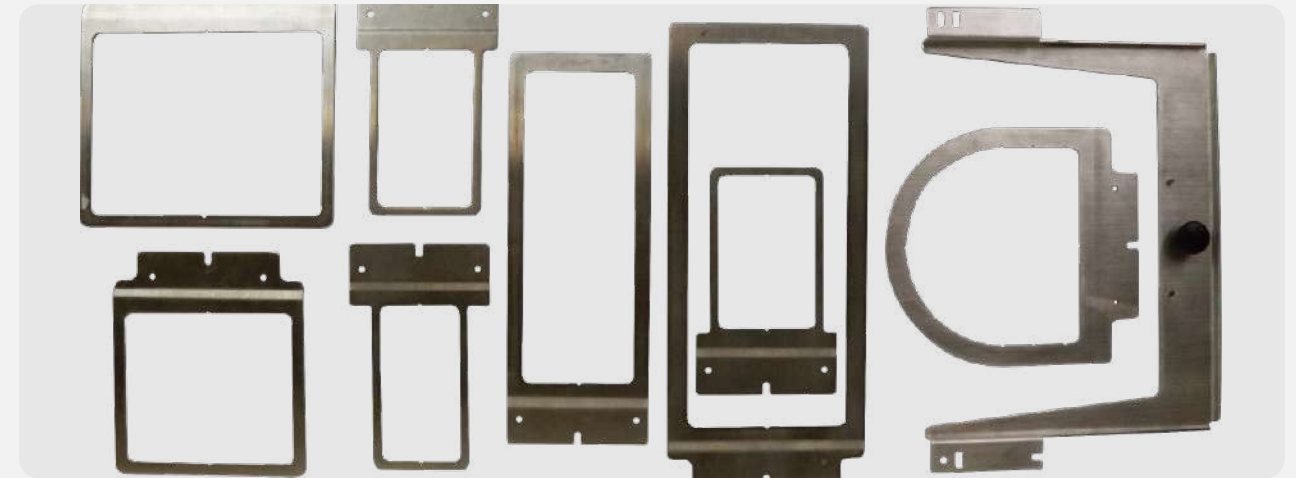
8-in-1 Hoopset (8D-2)
Includes 8 frames that make embroidering hard-to-reach areas easier than ever before. Designed for non-hoopable, difficult items such as shirt pockets, socks, backs of caps, shirt sleeves, collar tips and more.

Belt Hoop (BH-2)
With an 8-inch x 3. 2-inch embroidery area, the belt hoop allows ample room for embroidery on belts and straps.

Mighty Hoop Magnetic Hoops
This magnetic hoop snaps together to make hooping any type of flat garment easier than ever.

Boring Needle
This device pierces holes into embroidered designs and fences raw edges with stitches creating a stunning effect rapidly.

Robot Frame (RF-M)
Embroider on difficult-to-embroider and unusually shaped items such as bags, shoes and purses with the robot frame.

Laser Positioning Device (LD)
With this easy-to-install tracing tool, there's no more hitting hoops — just simply watch the laser pointer trace the design in seconds.

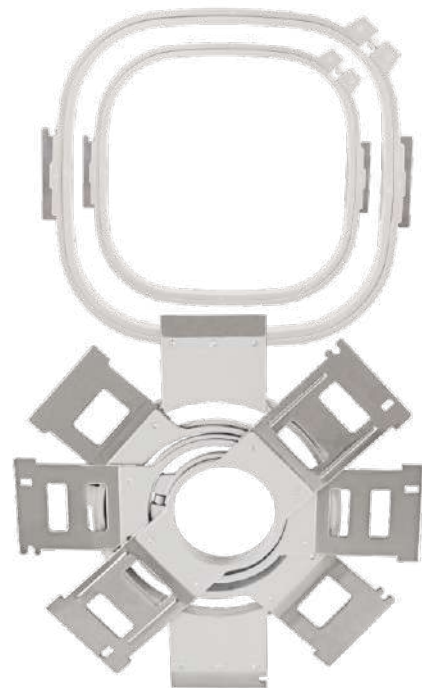*For a list of all compatible accessories, contact a product specialist.*

HOOPS & CAP ATTACHMENTS

## A RANGE OF HOOP SIZES AND SASH FRAMES TO MEET ANY EMBROIDERY NEED

The CHT2 Series comes with everything you need to embroider just about any item. Each machine includes a variety of hoop sizes so you can embroider small designs like left-chest logos and large designs on bags, towels and more.

Models	Hoop A 90 x 90 mm (3.5 x 3.5 in)	Hoop B 120 x 120 mm (4.7 x 4.7 in)	Hoop C 150 x 150 mm (5.9 x 5.9 in)	Hoop D 190 x 190 mm (7.5 x 7.5 in)	Hoop E 290 x 290 mm (11.4 x 11.4 in)	Hoop W 400 x 400 mm (15.8 x 15.8 in)	Sash Frame
CHT2-1204-10.4S CHT2-1504-10.4S	x8	x8	x8	x8	x8	n/a	400 x 450 mm (15.8 x 17.7 in)
CHT2-1204-10.4S-W CHT2-1504-10.4S-W	x8	x8	x8	x8	x8	x8	500 x 450 mm (19.7 x 17.7 in)
CHT2-1206-10.4S CHT2-1506-10.4S	x12	x12	x12	x12	x12	n/a	400 x 450 mm (15.8 x 17.7 in)
CHT2-1206-10.4S-W CHT2-1506-10.4S-W	x12	x12	x12	x12	x12	x12	500 x 450 mm (19.7 x 17.7 in)
CHT2-1208-10.4S CHT2-1508-10.4S	x16	x16	x16	x16	x16	n/a	400 x 450 mm (15.8 x 17.7 in)
CHT2-1208-10.4S-W CHT2-1508-10.4S-W	x16	x16	x16	x16	x16	x16	500 x 450 mm (19.7 x 17.7 in)
CHS2-1212-10.4S CHS2-1512-10.4S	x24	x24	x24	x24	x24	n/a	400 x 450 mm (15.8 x 17.7 in)

CAP ATTACHMENTS INCLUDED

With the included cap attachments, you can embroider a variety of cap styles. Each CHT2 Series comes with a hoop station, cap rings and cap driver(s) for all of your cap embroidery needs.
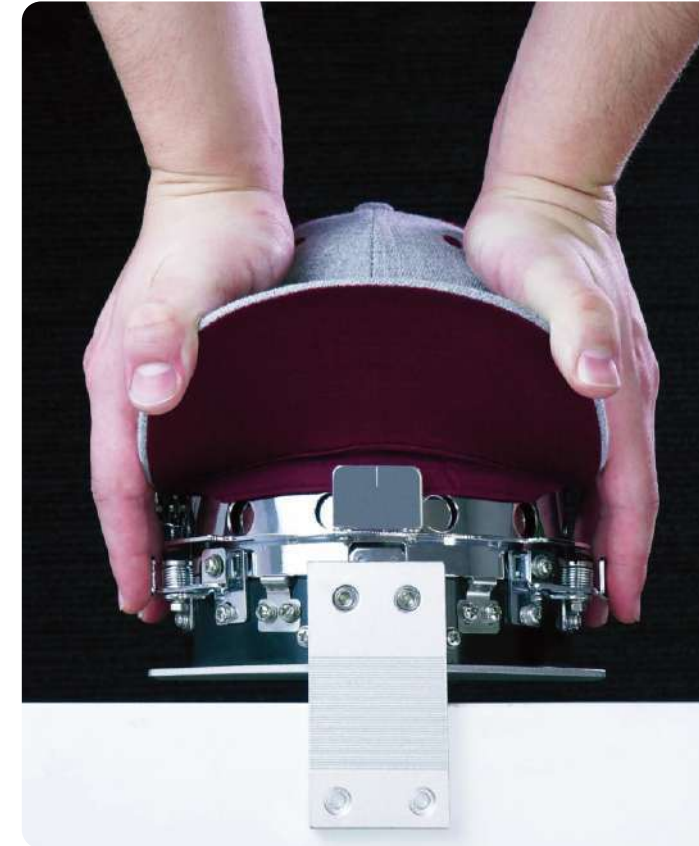
Models	Cap Rings Cap rings snap into hoop station to prepare machine for cap embroidery	Hoop Station Hoop station provides stability for fast and easy cap hooping	Cap Driver Cap driver snaps into embroidery machine's bracket holder for hoops
CHT2-1204-10.4S CHT2-1204-10.4S-W CHT2-1504-10.4S CHT2-1504-10.4S-W	x8	x1	x4
CHT2-1206-10.4S CHT2-1206-10.4S-W CHT2-1506-10.4S CHT2-1506-10.4S-W	x12	x1	x6
CHT2-1208-10.4S CHT2-1208-10.4S-W CHT2-1508-10.4S CHT2-1508-10.4S-W	x16	x1	x8
CHS2-1212-10.4S CHS2-1512-10.4S	x24	x1	x12

QUALITY ENGINEERING

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PERFORMANCE, DURABILITY & PROFITABILITY

Ricoma multi-heads are the most evolved embroidery machine of their time, engineered to withstand heavy, everyday use and long hours of wear and tear. With new and enhanced features, Ricoma makes embroidery more efficient than ever before – all at half the cost of its competitors.

POWER & STABILITY
With higher torque, the CHT2 has more power and steadiness to swift through detailed designs at high speeds. Now, you can embroider even at maximum speeds of 1,000 stitches per minute with more stability.

SPEED & PRECISION
With our re-engineered timing belts, you can run more detailed designs at faster speeds without compromising the quality of your designs. Even the most precise and minute stitches will stand out.

PROFITABILITY
You'll maximize your profit potential by up to 12x with each additional head on the CHT2.

DURABILITY & PORTABILITY
The reinforced guide rails allow for higher impact resistance, making the CHT2 our toughest and most durable model yet. Meanwhile, the machine's slim chassis allows you to go through standard-size doors so that you can operate anywhere.

MORE EFFICIENCY
The CHT2's higher precision X and Y drive system reduces needle and thread breaks so you can keep production flowing without interruption. Also, with a 12-head model now available, you can maximize your production efficiency, saving you time and increasing your capacity to embroider more at a greater speed.

STARTUP PACKAGE

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EQUIPPED WITH ALL THE ATTACHMENTS TO GET STARTED RIGHT AWAY

The CHT2 Series is ideal for embroidery on caps, bags, denim, finished garments and plenty more. With four, six, eight and even twelve-head models available, you can pick the ideal machine to help you scale your business and meet your productivity goals.

PACKAGE
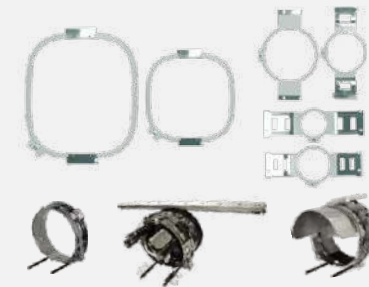
A Variety of Hoops and Cap Attachments

Three-Month Subscription To Hoopmade

Madeira Starter Kit

Chroma Software

Training and Lifetime Support 7 days a week and after hours

The above-mentioned items are included in the startup package only when purchased directly from our U.S. Headquarters – Ricoma International Corporation.

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