

# FEATURES THAT MAKE A DIFFERENCE

## HIGHLAND

### Patented Features that Make A DIFFERENCE

#### #1: UNBREAKABLE RECIPROCATORS

If you've been doing commercial embroidery for any time at all, you know what it is to hit a hoop.

And because you or your operator DID hit the hoop, you also know that everything stops until you replace the reciprocator.

Even if you have the replacement part on hand that work stoppage can kill your productivity. Especially if your operating multiple machines, multi-heads or even just on a deadline to get your order out.

And you would have to stop whatever work you were doing and go find another tool for your project, or just put it off until later because there was no other option but taking care of business as usual. Well now we don't need any more excuses! MESA has come up with an amazing idea which will solve this decades-old issue once and forever: **Unbreakable Reciprocators**.

#### #2: QUICK CHANGE CAP AND HOOP SYSTEM

Another real time saver when you're doing mass production is the Quick Change Cap system.

When you are running a 2, 4 or 6 head commercial embroidery machine and trying to push out a 144-piece order – some caps, some flats – that changeover time from one to the other eats into your production time.

The no-tools Quick Change system makes this transition from embroidering caps to flats take seconds, not minutes. And that time adds up in labor cost, productivity and customer satisfaction!

- TRAINING
- SUPPORT
- STARTER KIT

#### WHERE TO FIND HIGHLAND

##### WEBSITE

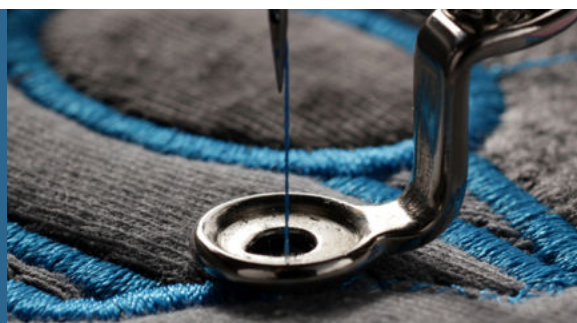
<https://avance-emb.com/highland/>

##### PHONE

(877) 458-0444

Avancé and  
Highlands are  
both brands by  
[coldesi.com](http://coldesi.com)

877-793-3278



## Highland 1501C5

### 15 needle "Bridge" commercial embroidery machine

The bridge machine is an important option both for general commercial embroidery machine shops and specialty decorators.

Like that large open area below the head that allows for embroidering heavier and larger items. And it's engineered to accommodate larger products with larger pantograph motors providing a significantly stronger pantograph.



## SPECIFICATIONS

- Supersized Embroidery Field - 500x400mm (approximately 19.7 x 15.7")
- Up to 1200 stitches per minute speed
- Big, high-resolution touch screen control panel
- 100 MILLION stitch memory
- Automatic Thread Trimmer
- Automatic Color Change
- Automatic Thread Break Detection
- Linear Pantograph Drive Movement
- Design/data ports: USB
- Laser Light for Design Tracing
- Built In Workspace Lights
- One-touch Design Trace
- Stitch Filtering
- 110v single phase power (standard wall plug)
- Custom Machine Stand
- Built In Noise Reduction Technology
- Memory Retention After Shut Down
- Included hoops: (2) 12cm, (2) 15cm, (2) 18cm, (2) 29x29cm, (2) 400x360mm

## Highland 1504C5

### 4 Head - 15 needle "Bridge" commercial embroidery machine

Like the single head option, this commercial 4 head machine is 15 needles AND sports the bridge construction functionality.

Professional shops know the value of a true multi-head embroidery machine and the flexibility of the bridge design.



## Highland 1506C5

### 6 Head - 15 needle commercial embroidery machine

Please note the features that come with this 6 head commercial embroidery machine that you simply will not find anywhere else.

The RPS - Reciprocator Protection System - that doesn't just protect the reciprocator itself during a hoop strike, it protects the integrity of the job timeline. And that impacts your entire business.

And the quick-change hoop/cap system that comes with all the Highland brand machines, which is 6X more important on a multi-head like this. It saves you operator time, and that means money in your pocket.



## SPECIFICATIONS

- Unbreakable reciprocators with patent-pending RPS Reciprocator Protection System
- Quick Change Cap and Hooping System changes flats to caps, caps to flats, or even one hoop to another in seconds - no tools needed!
- **Highland 1504C5** - Huge sewing field 500 x 400mm (approx 19.6 x 15.7")
- **Highland 1506C5** - Huge sewing field 500 x 450mm (approx 19.6 x 17.7")
- 100 MILLION stitch memory
- Automatic Thread Trimmer
- Automatic Color Change
- Automatic Thread Break Detection
- Linear Pantograph Drive Movement
- Design/data ports: USB
- Laser Light for Design Tracing
- Extra large work table

# CHENILLE MACHINES

## HIGHLAND

The 3 dimensional look and soft feel of chenille, in the past, was used mostly in sports applications.

But now, thanks to machines like the Highland JC601C and Highland CX1201C, it's producing a wide range of items that show up in some surprising places.



### What is Chenille?

Chenille is a fabric with a soft, velvety surface that is often used for embroidery decoration on sportswear.

It is made from a variety of materials, including cotton, wool, and acrylic, and can be either hand- or machine-embroidered. Chenille is a popular choice for sportswear because it is durable and easy to care for. The unique appearance offered by chenille is often used for club emblems or association logos.

It is also relatively inexpensive, making it a good option for budget-conscious consumers. Chenille embroidery can be used to add logos, team names, and player numbers to jerseys and other garments.

You'll also find it used to decorate hats, bags, and other accessories.



- TRAINING
- SUPPORT
- STARTER KIT

### WHERE TO FIND HIGHLAND

#### WEBSITE

<https://avance-emb.com/highland-chenille-machines/>

#### PHONE

(877) 458-0444

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## Highland JC601C

### Compact 6 Color Chenille Machine

While this six-color heavy-duty machine is built for commercial use, it's small enough to power your business from a back bedroom or a corner of a busy commercial embroidery shop.



### SPECIFICATIONS

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- HUGE sewing field (approx. 20 x 15.5")
- Automatic Thread Trimming: trims the thread when color changes occur, and when the pantograph moves to another location on the design
- Automatic Thread Break Detection
- User-friendly Control Panel 5.7" Color LCD
- 6 Chenille Colors with Automatic Color Change
- Max sewing speed 650 stitches per minute
- Built in workspace lighting
- Sixteen Million (16,000,000) Stitch Memory - Machine memory holds sixteen million stitches or 400 designs
- USB Port - For easily transferring designs to machine using USB flash drives
- Five Year Warranty
- Telephone Support and Equipment Training Included
- Extra large table to support large items such as blankets, table is easily removed if space is a premium

## Highland CX1201C

### Compact 6 Color Chenille Machine

The best thing about this machine is the flexibility. It can function as two separate machines, chenille or embroidery, or you can use them together to create designs that have both chenille and embroidery!

On one side you get the commercial, 6 needle chenille machine you need to make all the patches, team numbers and other custom items you can think of.

On the other side you have a professional 12 needle embroidery machine to do all of your direct embroidery jobs.



### SPECIFICATIONS

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- Unbreakable reciprocators with the patented RPS Reciprocator Protection System
- Larger cap sewing area - sews closer to the brim than any other machine in its class
- Quick Change Cap and Hooping System changes flats to caps, caps to flats, or even one hoop to another in seconds - no tools needed! (Only for embroidery head.)
- Large Color LCD Display - Control panel features a 10.2" color LCD display for user friendly operation.
- Automated Embroidery, and Machine
- 12 Embroidery Needles/Colors
- 6 Chenille Needles/Colors
- 90° Presser feet which allow for closer to the edge designs
- Extra Large Working Area - Maximum design size is 500mm x 400mm (17.7 x 15.7 inches!)
- Embroidery max sewing speed 850 stitches per minute / Chenille max sewing speed 600 stitches per minute
- Sixteen Million Stitch Memory - Machine memory holds 16 million stitches or 400 designs
- Automatic Thread Trimming on Embroidery and Chenille - Trims the thread when color changes occur, and when the pantograph moves to another location on the design
- USB Port
- Five Year Warranty
- Removable table for standard embroidery - shirts, jackets, and hats