

AMAYA

XTS



Made in the U.S.A.

melco

the design is
pure elegance...

the performance is
raw power...



Investing in professional embroidery equipment is the most important decision you will make for your business. For over 35 years Melco has helped clients achieve their embroidery production goals by creating solutions they demand.

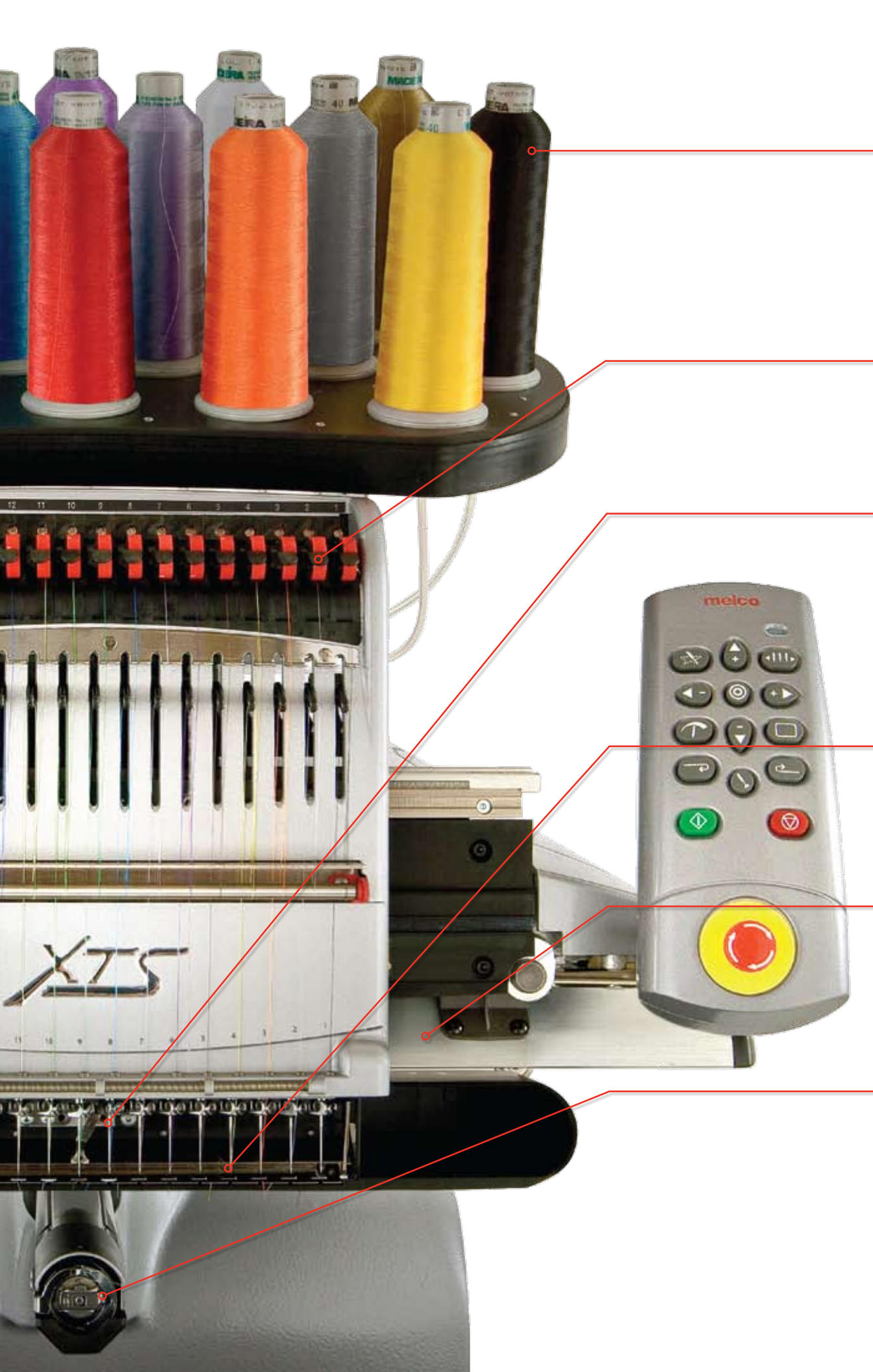
Based on those demands, the AMAYA XTS represents the latest in embroidery technology, delivering the highest quality stitching, ease of use, industrial durability and the ability to stitch on the widest variety of products in the industry.

The design is pure elegance, the performance is raw power and the result is pure profit.

The All New AMAYA XTS Feature Set Includes:

- **New for XTS** The Second Generation XT is built on the solid XT platform, with a new metallic silver look that blurs the line between science and art.
- **New for XTS** Thread trimmer has a whole new cutting action for clean, reliable cuts, slicing through thick burmilana and metallic thread!
- **New for XTS** The new wide angle cap frame for XTS provides the largest cap sewing field in the industry, is easy to use and extremely stable. This helps provide quick training and better design registration at top speed. The new design requires little or no backing and stitch quality is amazing.
- **New for XTS** Built in lettering and editing capability through new AMAYA OS.
- **Exclusive Feature** AMAYA OS now has Real Hoop Limit Detection, a huge technological advancement saving you time and money!

the result is
pure profit.



Exclusive AMAYA XTS Features:

16 Colors with Backup System

With the industry's first Color Backup System, users can program groups of needles together. In the event of a thread break, the AMAYA XTS will automatically switch to the back up needle and continue to stitch. The Color Backup System can easily be configured for both multi-and single-head production.

Acti-Feed™ Tensioning

With speeds up to 1500 spm the exclusive Acti-Feed™ system feeds the thread smoothly and automatically adjusts thread tensions so you don't have to. This system ensures that you will get the same perfect quality on every sew-out.

Ultra Precise Laser Registration

AMAYA XTS features a laser eye for tracing and positioning. Never have misaligned embroidery again! It makes the design setup fast and easy, and assures accurate placement throughout the sewing process. The laser eye is activated automatically during operations like manual jog and tracing, or the operator can manually activate the eye with the press of a button on the fast key pad.

Height Adjustable Presser Foot

The patented height adjustable presser foot makes it easy to adjust to different fabrics. You can manually lower the dead point of the presser foot in the range of 0.5mm to 3.5mm above the needle plate, without tools.

High Speed Pantograph (1500 spm)

All of the structural and moving parts are located above the garment, virtually eliminating the possibility of the material getting caught by the pantograph. The optimized x/y-beam with carriage means precise positioning when embroidering at high speeds.

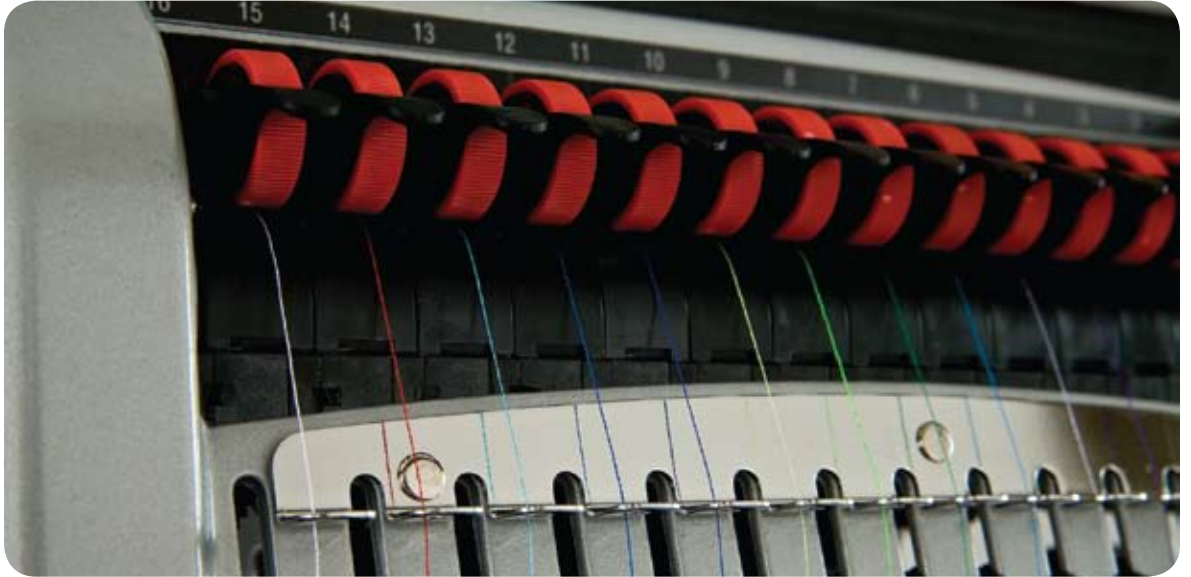
The Industry's Smallest Cylindrical Lower Arm and Ultra-Reliable High Performance Trimmer

AMAYA XTS features the smallest cylindrical lower arm in the industry—providing the largest cap stitch field available. The all new high performance trimmer slices effortlessly through metallic and thick burmilana thread.

Acti-Feed™ Thread Tension Technology

Precise Embroidery Thread Tension

The AMAYA XTS Embroidery Machine thread tension and feed is controlled by the Acti-Feed™ computer software, delivering the precise amount of tension and thread by three individual parameters per needle. You'll get faster speeds, fewer thread breaks and more consistent quality. The softer embroidery means you don't have to use backing material on many designs.



Smallest Cylindrical Lower Arm

Ultimate Cap Stitching

Demands by consumers and ever-changing fashion trends demand that machines stitch an increasing variety of products at high speeds.

The AMAYA XTS cylindrical lower arm, the smallest in the industry, gives you the ability to embroider the widest range of caps and visors as well as pockets, children's garments and golf club covers at speeds that cannot be achieved with other systems.





All New Trimmer for XTS

The new thread cutting action slices through thick metallic and burmilana thread like a rockstar!

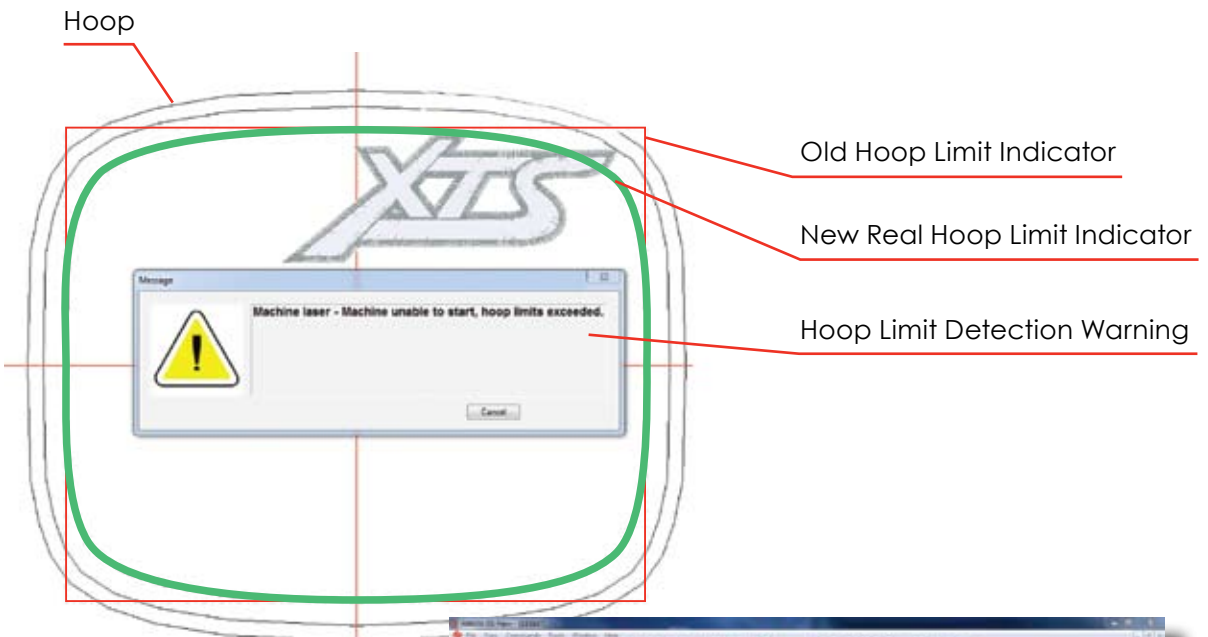
AMAYA OS software controls your AMAYA XTS

new features for 2010

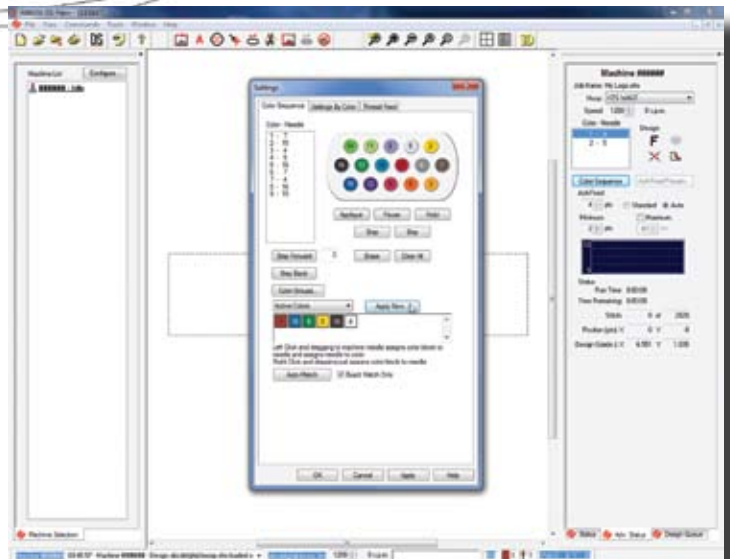
NEW for 2010!

- **Lettering and Editing Functionality is Now Part of AMAYA OS.** With lettering and editing features built right in, many simple embroidery jobs can be completed on the computer that runs AOS.
- **AMAYA OS Exclusive Feature**—Real Hoop Limit Detection. No matter what style of hoop you're using, AMAYA OS will detect the actual sewable area within the hoop, eliminating any guesswork on the operator's part and preventing potential machine damage.
- **Auto-Color Sequence** Active colors in an .OFM design can be mapped to needles on a selected machine. Simply click and drag the color in the sequence to the needle of choice.

Exclusive Feature—Real Hoop Limit Detection



Exclusive Feature—Auto Color Sequence with time-saving drag and drop functionality



Here Are Some of the Hot New Features You'll Find in AMAYA OS:

Lettering

- On-screen Lettering
- 86 Embroidery Fonts
- Automatic Underlays
- Change Border Colors
- Scale, Rotate and Slant Individual Fonts
- Monogramming
- Change Height, Width and Slant
- Change Colors of Individual Letters
- Automatic Fabric Adjustment

Editing

- True Element Bounding Boxes
- Copy & Paste Object Properties
- Fabric Styles
- X,Y Pull Compensation
- Automatic Lock Stitch Editing
- Automatic Underlay and Density Controls
- Insert, Delete Move and Change Input Points

Reliable and Convenient

Melco leads the way with innovative operating system software that offers total flexibility and convenience. AMAYA OS is filled with new features making the operation of your machines more productive than ever. AMAYA OS is available in multiple productivity levels to fit your business needs.

Flexible

AMAYA OS is reliable software. With the exclusive Flexfeature, AMAYA XTS heads can be operated in synchronous mode (all heads start and stop in unison) or in asynchronous mode (each head operates independently).

The asynchronous mode allows other machines in a multi-head configuration to continue operating when one head stops for an event, such as a bobbin change or thread break.

AMAYA OS Fits Your Business

Whether you have a large industrial operation or a retail embroidery shop, AMAYA XTS and AMAYA OS offer the flexibility, convenience and features to bring your productivity and profitability to the next level.

You Choose the OS That Best Fits Your Business Needs

AMAYA OS SE

For Single Machine Operation

AMAYA OS SE (Single Edition) comes bundled with AMAYA XTS single-head machines, and is designed for embroiderers who want to run one AMAYA XTS machine. If more AMAYA heads are added at a later date, you can easily upgrade.

AMAYA OS Flex Plus

For Multiple Machines in Multiple Groups

Use AMAYA OS Flex Plus if you own multiple AMAYA XTS machines and need maximum embroidery operation flexibility. AMAYA OS Flex Plus software lets you run up to 30 machines in different groups. With AMAYA OS Flex Plus, you can group and regroup your machines in any combination and sew different designs on each group. For example, set up a four-head group, a six-head group and a two-head group all from the AMAYA OS Flex Plus software. It's total flexibility!

entrepreneurs.

mass personalization.

lean manufacturing.





grow with XTS.

AMAYA—As Many As You Add

start with a single-head, and add more heads as your business grows

AMAYA XTS is a multi-tasking machine that out-performs every other multi-head on the market.

Today's embroidery production demands are diverse. The AMAYA XTS multi-tasking abilities and network functionality enables businesses to take full advantage of consumer demand.

AMAYA XTS is versatile, its multi-head configurations can adapt to all production

demands. Head for head, there is no comparison. These systems produce work orders not possible on conventional machines. Plus, the independent systems are not affected by single thread breaks like conventional machines, which shut down production of all heads. In addition to the ability to handle large production jobs, the heads can operate independently to fulfill small personalization orders and samples.



Individual AMAYA XTS units are connected by ethernet cable, not by a conventional rigid framework.



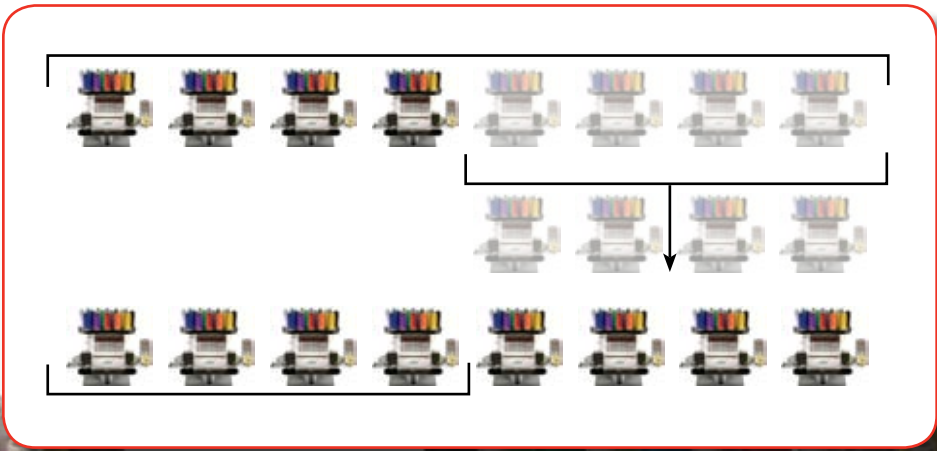
Melco AMAYA XTS multi-head systems stitch independently, so each head can also be configured to handle any job you throw at it. Monogramming, name dropping, samples, or even preventative maintenance per head won't stop the entire production, unlike using a conventional system. Plus, it's all neatly networked by one computer.



AMAYA XTS is High Production is Mass Personalization is Lean Manufacturing...

“Increase efficiency, decrease waste. Decide what matters, rather than accepting pre-existing ideas.”

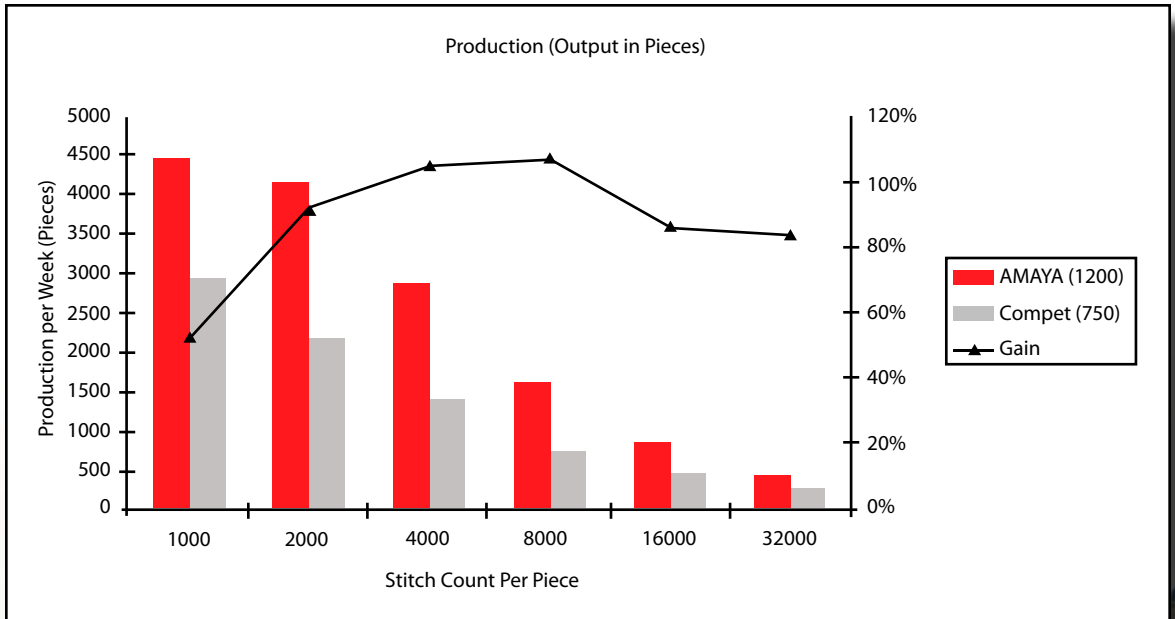
Each machine operates independently on a network. Add or remove AMAYA XTS units from groups or at any time.



The chart below shows the comparison between an AMAYA XTS-6 head versus a traditional 6 head machine.

The results show a much higher output in weekly units produced with an XTS-6 head system, versus the competition, when stitching a variety of different stitch counts per design.

6 Head Comparison (1 Operator)



Professional Support

Melco AMAYA XTS is supported **all over the world**

Melco has Service, Support and Distributors Worldwide!

- With distribution to over 135 countries, it's easy to access our world-class equipment, software, service and support

We Train Our Customers Worldwide!

- State-of-the-art training with every AMAYA XTS

We Support Our Customers Worldwide!

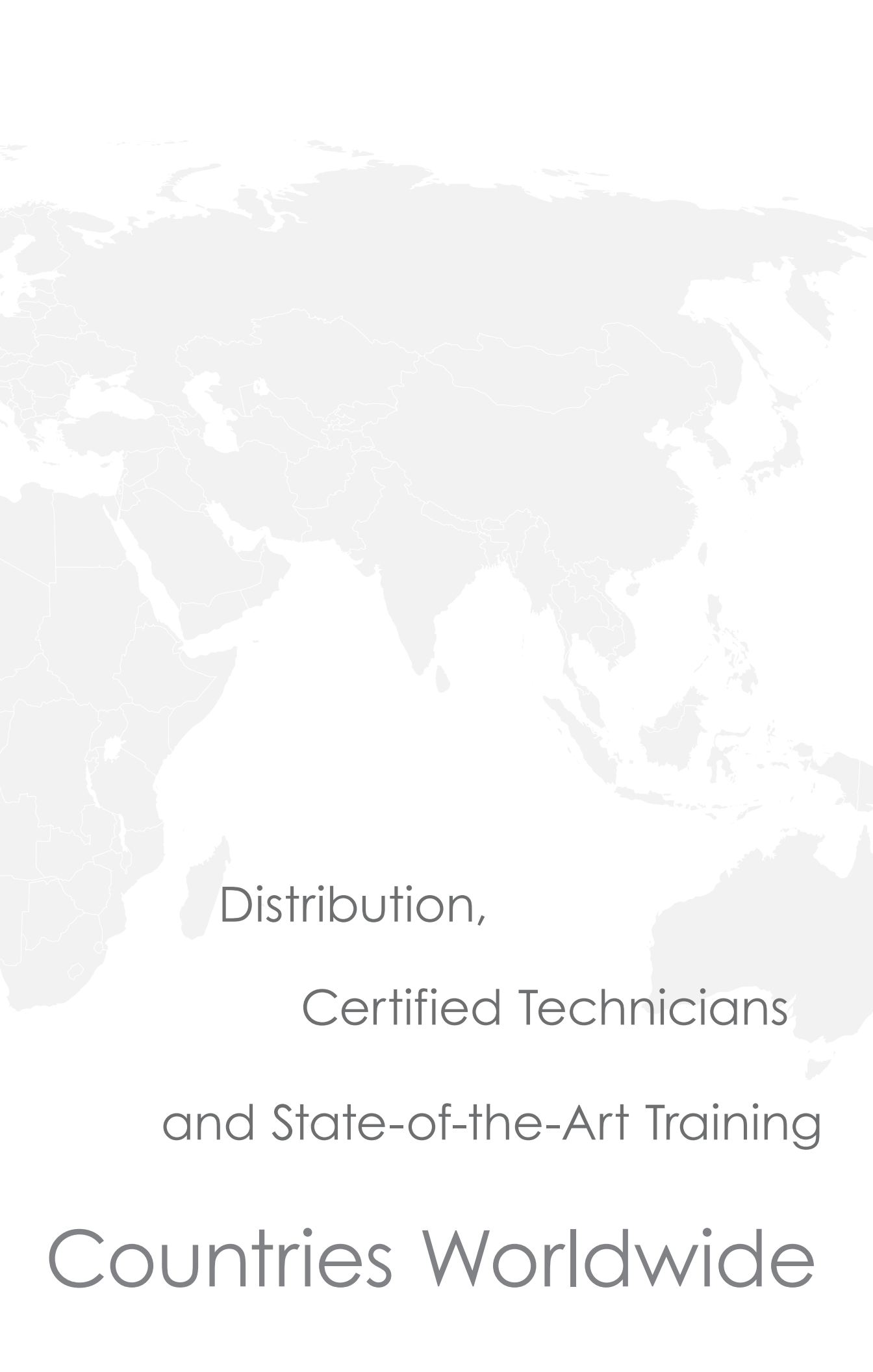
- Phone, email, and web conferencing
- Certified technicians worldwide

Expert Embroidery Business Consultants to Assist You!

- Single-Head Business Package for the entrepreneur
- Multi-Head Business Package for the high-output enterprise

Combine AMAYA XTS with Melco DesignShop Embroidery/ Digitizing Software for a powerful production solution.

In Over 135



Distribution,

Certified Technicians

and State-of-the-Art Training

Countries Worldwide

Think of All the Possibilities

a few of our most popular accessories

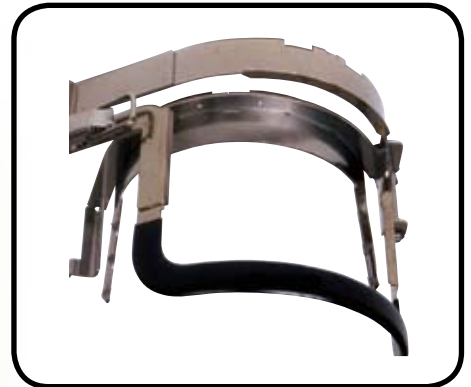
Micro Cylindrical Hoop

This takes advantage of the AMAYA XTS small cylindrical arm allowing you to stitch in small areas such as pockets, shirt sleeves, and golf club covers at speeds that can't be achieved with other embroidery systems.



Front Panel Cap Frame

This is a must-have for every embroidery shop.



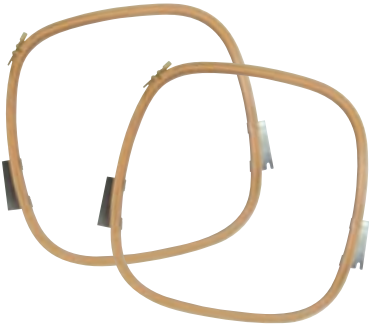
Wide Angle Cap Frame

Largest sewing field in the industry



AMAYA Oversized Hoops

Take full advantage of the larger sewing field.



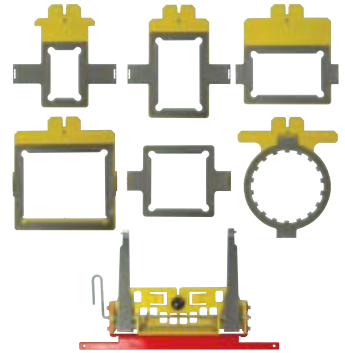
Fast Frame Hoops

Use for dog collars and karate belts.



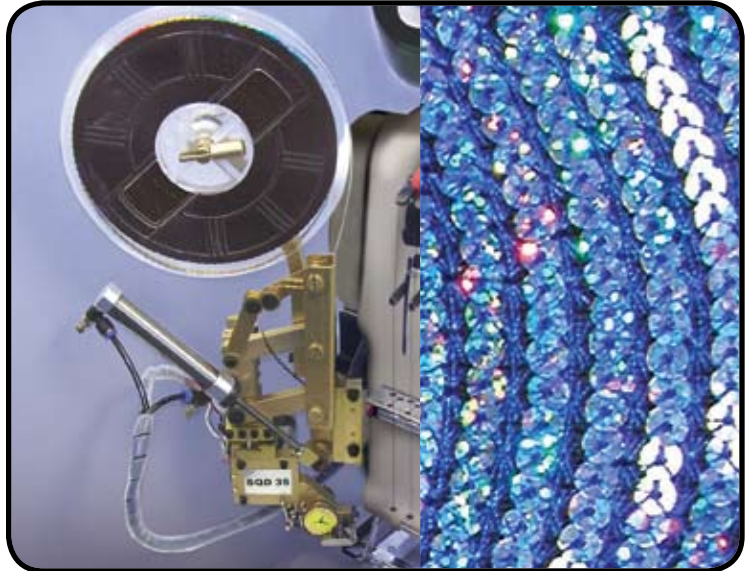
Slim Line Hoop System

Great for bags and hard-to-hoop items.



Sequin Attachment SQD 35

Create a wide range of dazzling embroidery designs with our newest accessory.



Fancy Stitches/Micro Chenille

Design unique fashion trends by combining AMAYA XTS and DesignShop to create Fancy Stitches. There are no accessories necessary in order to make Fancy Stitches/Micro Chenille. Just make use of AMAYA XTS' unique features and start setting trends today.



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Since 1972, Melco has been the industry leader for complete embroidery business solutions in the home-based entrepreneurial and commercial markets.

In addition to the AMAYA line of professional embroidery equipment, Melco offers:

- DesignShop embroidery and digitizing software
- Embroidery machine parts and supplies
- Technical support & training
- Leasing for embroidery businesses of every size

Melco is the only company that engineers and manufactures embroidery equipment and related software in the United States.

KEY SPECIFICATIONS

Needles	16 (The Industry leader)
Maximum Stitches Per Minute On Flats	1500 (The Industry Leader)
Maximum Stitches Per Minute On Caps	1200 (The Industry Leader)
Maximum Tubular Frame Size)	19.7" x 16.9" (500 mm x 430 mm)
Maximum Sew Field/Tubular Frame	16.1" x 15.7" (410 mm x 400 mm)
Wide Angle Cap Frame	14.25" x 3.23" (362 mm x 82 mm)
Conventional Cap Frame	5.9" x 2.75" (152 mm x 70 mm)
Stitch Length Range	Only Limited By Hoop Size
Self-Diagnostics Capability	Collects Machine Data for Troubleshooting
Lighting	Cold Bright LED
Power Supply (V)	90–260V (Single Phase, 50/60 Hz)
Power Consumption (W)	Typical: 200 Watts, Max: 650 Watts
Motor Types	Servo
Motor Capacity (W)	X and Z: 100 Watts, Y: 250 Watts
Machine Construction Material	Aluminum

SPECIFICATIONS W/CART

Width	28.5" (724 mm)
Height.....	60.7" (1541 mm)
Depth	37.2" (944 mm)
Weight	210.3 lbs (95.4 kg)

SPECIFICATIONS W/O CART

Width	28.5" (724 mm)
Height.....	35.7" (907 mm)
Depth	29.0" (737 mm)
Weight	165 lbs (75 kg)

AMAYA Technology is protected by – but not limited to – the following patents: Pat. US 4,955,305; Pat. US 5,603,462; Pat. US 5,832,853; Pat. US 6,445,970 B1; Pat. US 6,823,807; Pat. EP 0 666 351 B1; CH 693569 A5; Pat. US 6,736,077 B2; Pat. US 6,732,668 B2; Pat. US 6,729,255; Pat. US D474,785 S; Pat. US 6,871,605; more patents pending.