



# BRAVOX

*Your gateway to  
professional embroidery*

# Putting the **pro** in prosumer

With 16 needles, industry leading specs and an array of professional quality accessories all at an affordable price, BRAVO X is the perfect machine to bridge the gap between high-quality hobbyist and big profit professional. With BRAVO X, you can embroider apparel, caps, bags, and a variety of textiles with fast, beautiful stitching all while enjoying the simplicity of

our patented Acti-Feed™ auto-tensioning, a low maintenance thread trimming system, and our streamlined BRAVO OS operating system that makes color sequencing and design registration a breeze! Engineered to exist at the exact intersection of usability, flexibility and power; BRAVO X puts you in control, no matter your embroidery aspirations!



## A Cut Above

The new auto trimming system is durable and reliable. Overall trim time has been reduced dramatically, which in turn reduces overall sew time. The self-sharpening carbide knife maintains its edge so it consistently slices poly, rayon, metallic, and thick Burmilana thread.

## Unleash BRAVO X with DesignShop v11

Get the most out of your BRAVO X machine with the included **DesignShop v11** software. This world-class embroidery application features professional level digitizing features with consumer-tuned accessibility. With intuitive automation features like **Design Checker** and **Graphic Conversion Assistant\***, you can explore a whole new world of customization all while ensuring beautiful and trouble free stitching.



### SIZER

#### *Included in Package A*

Great when you need basic design manipulation; including scale, rotate, position and color selection.

### LETTERING

#### *Available Upgrade*

Easily create embroidered lettering and monograms along with resizing and positioning of design files.

### EDITOR

#### *Included in Package B*

Step into digitizing with streamlined design editing and creation tools.

### VECTOR

#### *Included in Package C*

Enhance your productivity with an advanced design editing toolset and time saving automation.

### PROFESSIONAL

#### *Available Upgrade*

For entrepreneurs who want to deliver complete creative customization with maximum efficiency.

*\*Available on Vector Level or above.*



## Key Features

- 16 needles for color flexibility and efficient embroidery production.
- Patented Acti-Feed™ thread control with auto-tension.
- Small cylindrical lower arm enables embroidery on a wide variety of products at high speed.
- Easy cap sewing, large 270° sew field.\*
- Large 15.7" x 16.1" jacket back sewing field.\*
- Easy to use BRAVO OS.
- Network up to four individual BRAVO Xs, connected by Ethernet.\*
- Easily stitches on leather, denim, vinyl and more!
- Compatible with Melco accessories, including Cap Driver, XL Hoop, Fast Clamp Pro and more.
- Laser alignment and positioning.
- Engineered in the United States.

\* **Package C** feature.



Take advantage of the extra large sew-field with the **Melco XL Hoop**



Get into the super popular hat customization game with the **Melco Cap Driver**

# Detailed Specifications and Package Details

Feature	Package A	Package B	Package C
Included DesignShop Software Level	Sizer	Editor	Vector
Operating Software	BRAVO Lite		BRAVO Flex
Type/# of Heads	Upper Arm-Lower Arm/1 Modular		Upper Arm-Lower Arm/1 to 4 Modular
Maximum Tubular Frame Size (X x Y)	360mm x 300mm (14.2" x 11.8")		426mm x 430mm (16.8" x 16.9")
Maximum Sew Field/Tubular Frame (X x Y)	322mm x 267mm (12.7" x 10.5")		398mm x 409mm (15.7" x 16.1")
Cap Frame Accessory (Optional)	152mm x 82mm (6" x 3.2") (front only)		360mm x 82mm (14.2" x 3.2")
Min/Max Sew Speed	300-1000 spm		300-1100 spm
Maximum Machine Configuration	1 machine, connected by Ethernet		4 individual machines, connected by Ethernet
Simplified User Interface	Yes		Yes (single-head operation)
# Needles	16		
Thread Feed Technology	Patented Acti-Feed		
Stitch Length Range	Determined by Hoop Size (max. 12.7mm)		
Self-Diagnostics Capability	Retrieves relevant machine data for troubleshooting		
Pre-Sew Trace	Laser		
Needle to Garment, Garment to Hoop Position	Laser Positioning System		
Design Memory	Limited only by hard drive space; Maximum file size 500,000 stitches		
Thread Break Detection	Upper & Lower Electronic Force Gauge Sensor		
Automatic Stitch Backup	Yes		
Automatic Trimmer	Yes		
Lighting Type Cold Bright	Cold bright LED		
Machine Construction Material	Aluminum		
Temperature Range	15-40° C		
Humidity	Max 85% Relative Humidity		
Installation Category (overvoltage)	II		
Pollution Degree	2		
Motor Type(s)	Servo, Stepping		
Power Supply (V)	90-260V (Single Phase, 50/60 HZ, 4A), Class I (Grounded)		
Power Consumption (W)	Max: 4A at 120V AC and 2A at 240V AC (480 Watts)		
Motor Capacity	X and Z: 100 Watts Y: 250 Watts		
Physical Specifications with Cart			
Width	724mm (28.5")		
Height	1541mm (60.7")		
Depth	944mm (37.2")		
Weight	95.4kg (210.3 lbs)		
Physical Specifications without Cart			
Width	724mm (28.5")		
Height	907mm (35.7")		
Depth	737mm (29.0")		
Weight	75kg (165lbs)		

