

A World Class Embroidery Machine with Commercial Production Capabilities



# BRAVO

Contact your BRAVO dealer for pricing and promotional offers.

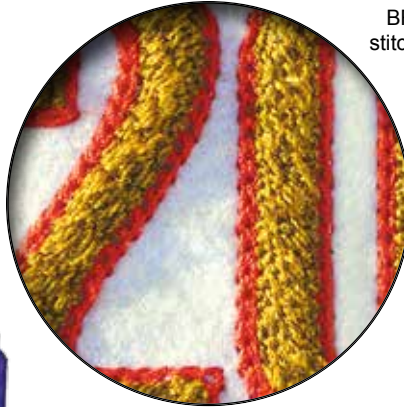
# BRAVO

## The BRAVO beautifully embroiders:

- Shirts
- Blankets
- Pockets
- Pants/Jeans
- Caps
- Bags
- Jackets
- Leather



Combine the BRAVO with DesignShop V10, and create beautiful effects with Fancy Stitches.



BRAVO effortlessly stitches micro chenille.



Micro Cylindrical Hoop enables stitching on small areas such as pockets and shirt sleeves.



Small Cylindrical Lower Arm



# Features:

The BRAVO high performance embroidery machine is designed for the hobbyist, yet capable of commercial production.

Here are some noteworthy BRAVO features:

- 16 needles for high production output.
- Easy cap sewing, large 270° sew field.
- Patented Acti-Feed™ thread control with auto-tension.
- Small cylindrical lower arm enables embroidery on a wide variety of products at high speed.
- Large 15.7" x 16.1" jacket back sewing field.
- Compatible with home and commercial file formats, includes embroidery software, Dakota Quick Click Program and 1,000 embroidery designs.
- Engineered in the United States.
- Network up to four BRAVOs to create a multi-head system.

The BRAVO 16 needle professional embroidery machine offers businesses of any size powerful embroidery capabilities at an affordable price.

The BRAVO can embroider apparel, caps, bags, and a wide variety of textiles with beautiful quality. BRAVO produces professional embroidery your customers demand.

Embroidered goods are in demand and the BRAVO is built to produce!

## New BRAVO Operating System

- Easy design loading.
- Registration of designs is easy with the laser alignment feature.
- Simplified color sequence customization.
- Thread tensions are automatically adjusted by BRAVO OS. This feature reduces thread breaks and simplifies machine operation.
- Installation is a breeze.

## DesignShopV10

BRAVO comes bundled with powerful embroidery software that is easy to learn and use. DesignShop V10 is world class embroidery/digitizing software. Convert nearly any piece of artwork into a digital embroidery file with ease. It is also a robust editing tool, allowing users to modify and customize as needed.

You have individual needs. To help meet those needs, you can choose between DesignShop V10 Lite, DesignShop V10, or DesignShop V10 Pro+. The option to upgrade is always available as needs change over time.

DesignShop V10 Lite gives the beginning embroiderer basic lettering and editing capabilities.

DesignShop V10 is a step above Lite. It comes with more digitizing capability, including the powerful Vector Option. The Vector Option helps users quickly create a digitized file ready for embroidery straight from a vector file.

More advanced users will probably choose DesignShop V10 Pro+ for its full scale lettering, editing, sizing and full digitizing capabilities.

Operating Software	Bravo Lite	Bravo Flex
Type/# of Heads	Upper Arm-Lower Arm/1 Modular	Upper Arm-Lower Arm/1 to 4 Modular
# Needles	16	16
Maximum Tubular Frame Size (XxY)	360mm x 300mm (14.2"x 11.8")	426mm x 430mm (16.8"x 16.9")
Maximum Sew Field/Tubular Frame (XxY)	322mm x 267mm (12.7"x10.5")	397mm x 267mm (15.6"x10.5")
WA Cap Frame	N/A	360mm x 82mm (14.2" x 3.2")
Conventional Cap Frame	152mm x 70mm (5.9"x 2.75")	152mm x 70mm (6.0"x 2.8")
Min/Max Sew Speed	300-1000 spm	300-1100 spm
Stitch Length Range	Only Limited by Hoop Size	Only Limited by Hoop Size
Machine Configuration	1 individual machines, connected by Ethernet	Up to 4 individual machines, connected by Ethernet
Self-Diagnostics Capability	Retrieves relevant machine data for troubleshooting	Retrieves relevant machine data for troubleshooting
Simplified User Interface	Step by Step Guide Software	Step by Step Guide Software
Design Memory	Limited only by hard drive, Max file size 500k	Limited only by hard drive, Max file size 500k
Pre-Sew Trace	Laser	Laser
Needle to Garment, Garment to Hoop Position	Laser Positioning System	Laser Positioning System
Thread Feed Technology	Patented Acti-Feed	Patented Acti-Feed
Thread Break Detection	Upper & Lower Electronic Force Gauge Sensor	Upper & Lower Electronic Force Gauge Sensor
Automatic Stitch Backup	Yes	Yes
Automatic Trimmer	Yes	Yes
Lighting Type Cold Bright	Cold bright LED	Cold bright LED
Power Supply (V)	90-260V (Single Phase, 50/60 HZ, 4A), Class I (Grounded)	90-260V (Single Phase, 50/60 HZ, 4A), Class I (Grounded)
Power Consumption (W)	Typical: 200 Watts Max: 650 Watts	Typical: 200 Watts Max: 650 Watts
Temperature Range	15-40° C	15-40° C
Humidity	Max 85% Relative Humidity	Max 85% Relative Humidity
Installation Category (overvoltage)	II	II
Pollution Degree	2	2
Motor Type(s)	Servo, Stepping	Servo, Stepping
Motor Capacity (kV)	X and Z: 100 Watts Y: 250 Watts	X and Z: 100 Watts Y: 250 Watts
Machine Construction Material	Aluminum	Aluminum
<b>Physical Specifications with Cart</b>		
Width	724mm (28.5")	724mm (28.5")
Height	1541mm (60.7")	1541mm (60.7")
Depth	944mm (37.2")	944mm (37.2")
Weight	95.4kg (210.3 lbs)	95.4kg (210.3 lbs)
<b>Physical Specifications without Cart</b>		
Width	724mm (28.5")	724mm (28.5")
Height	907mm (35.7")	907mm (35.7")
Depth	737mm (29.0")	737mm (29.0")
Weight	75kg (165lbs)	75kg (165lbs)

