



Barudan
America, Inc.

World's Best Since 1959
Multi-Head Embroidery Machines

Barudan Global Network



OUR MISSION STATEMENT:

“Barudan is dedicated to research and development of producing products with superior value and the highest quality customer service for worldwide distribution benefiting all involved.”

BARUDAN HISTORY

In 1959, Yoshio Shibata, the founder and Chairman of Barudan Co., Ltd. developed the first multi-head embroidery machine in Japan. This machine pioneered the beginning of the modern embroidery machine industry. Since then, Barudan has been a world-wide leader in embroidery, and today our products are used in over 100 countries. Our goal is to grow with our valued customers, as stated in our corporate motto, “Work in Harmony”.

CONTACT US

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Barudan

QUALITY & POWER - SUPERIOR STITCH QUALITY



6-Head - BELY-S1506CII



4-Head - BELY-S1504CII



8-Head - BELY-S1508CII



15-Head - BELS-S1515C

POWERFUL & COMPACT

Heavy-duty, steel construction provides stability and minimum vibration resulting in superior stitch quality. Designed to be compact and powerful, our machines will fit through most standard doors so you can set up shop almost anywhere.

Introducing Barudan's newest L Series embroidery machine. The L Series is available in 2-56 head machines. All machines have the same advanced features and functions listed below.

L SERIES MULTI-HEAD STANDARD FEATURES:

- 15 Needles
- L-Series Touch Screen Automat
- New SH Sewing Head (SmartHead technology) for higher performance and increased durability
- Servo motors for increased production and more power
- New MK8 trimmer system along with smaller diameter cylinder arm allows for sewing deeper into confined areas
- New tensioner system provides better and easier thread tensioning and improved thread break accuracy
- Maximum speed on flats, 1,100 stitches per minute; maximum speed on caps 1000 stitches per minute
- Easier Lubrication - fewer oiling points, easier access
- Choose between a Small or Large sewing field 6 and 8 head: 450X380 mm or 450X520 mm (approx 17-1/2 x 14-3/4" and 17-1/2 x 20-1/4")
- Design Outline Trace with Laser Pointer
- Exclusive Electronic Thread Clamps - Keeps thread taut and eliminates false thread breaks & pull outs.

ADVANCED TENSIONER SYSTEM



LS/LY AUTOMAT

- Larger 12.1-inch color LCD touch screen display with a sharper 1280x800 resolution
- Expanded memory: store up to 300 designs (up to 300 million stitches)
- Streamlined on-screen functions for faster, more intuitive operation
- Quicker design transfer speed
- Additional Shortcut Groups: increased from 8 to 12 for quicker access to key functions
- Three USB ports are standard: USB Flash drive, barcode scanner, etc.
- Stitch Processing (DSP) adds/deletes stitches when resizing designs
- Hoop Frame Outlines for added accuracy and design placement
- Dual Tasking - Load/prepare next design while machine is sewing
- Set thread colors by barcode
- Teach colors using Barudan FDR3 format



QUICK CHANGE CAP SYSTEM

Switch from caps to tubular garments to flat goods in a matter of minutes. No tools are needed, no needle plate replacements, pantograph or frame adjustments either. You'll be sewing in no time with a Barudan.



The new MK8 trimmer system combined with the smaller diameter cylinder arm allows for sewing deeper into confined areas such as shirt pockets, socks, and sleeves.



POSITIVE NEEDLE DRIVE

Barudan's exclusive positive needle drive ensures quality embroidery on all types of garments including thicker items like leather, karate belts and designs with puffy foam.



Networking Options

Networking Options (continued)

BNET ENTERPRISE

BNET ENTERPRISE adds an API to allow programmers to integrate Barudan embroidery into their IT architecture. For example:

- Get Machine Status – Build custom dashboards and error response
- Get Machine History – Provides feedback on production information to ERP/WMS system
- Post Machine/Schedule – Dispatch an embroidery file and optimally set thread colors

The BNET API has been integrated with a variety of third-party business systems and custom applications. Some BNET users have programmed the API to:

- Replace machine barcode readers with tablets that provide paperless work instructions to operators
- Manage design color assignments and color libraries
- Automatically assign needle colors and prompt operators to change thread
- Upload designs directly to embroidery machines
- Integrate BNET with ERP/WMS systems to automatically report production counts, batch completions, and order progress

Barudan networking software eliminates the need for USB flash drives and CF cards. In addition, networking your embroidery machines can optimize your workflow and minimize operator error. From one machine to hundreds of machines, Barudan has a networking solution for you.

BNET WORKGROUP 100

For large embroidery shops of 10 or more Barudan machines, BNET Workgroup 100 connects up to a total of 100 L, K, X or V-Series machines. Using LAN Ethernet connection, designs can be pushed via Schedule Mode, or pulled by Direct Download mode with optional barcode readers. Design File Explorer (DFX) displays pattern while Design File Function Editor (DFFE) adds design editing functions.

BNET PRO

In addition to the features of BNET Workgroup 100, large embroidery businesses can benefit by adding web-based dashboards for production and machine status. New “responsive design” is compatible with tablets, PC’s and smart phones. Web reports are provided to analyze machine production, operator productivity, and machine issues.

Product	Connections	Machines	Watched Folder	Scheduled	Barcode	API	Dashboard	Reports
BNET WG100	100 LAN	V,X,K,L	*	*	*			
BNET PRO	100 LAN	V,X,K,L	*	*	*		*	*
BNET ENTERPRISE (API)	100 LAN	V,X,K,L	*	*	*	*	*	*



MACHINE DIMENSIONS:

MODEL		Dimensions LxWxH mm	Dimensions LxWxH Inches	Weight kg	Weight lbs
2-Head	BELY-S1502CII	2045Lx1245Wx1690H mm	80.5Lx49Wx67H in	530 kg	1168 lbs.
4-Head	BELY-S1504CII	3085Lx1245Wx1690H mm	121.5Lx49Wx67H in	783 kg	1496 lbs.
6-Head	BELY-S1506CII/380	3145Lx1245Wx1690H mm	124Lx49Wx67H in	688 kg	1518 lbs.
6-Head Stretch	BELY-S1506CII/520	4125Lx1245Wx1690H mm	162.4Lx49Wx67H in	1071 kg	2361 lbs.
8-Head	BELY-S1508CII/380	3905Lx1245Wx1690H mm	153.7Lx49Wx67H in	920 kg	2336 lbs.
8-Head Stretch	BELY-S1508CII/520	5265Lx1245Wx1690H mm	207.3Lx49Wx67H in	1360 kg	2992 lbs.
12-Head	BELS-S1512C/380	6274Lx1360Wx1700H mm	247Lx54Wx67H in	2345 kg	5170 lbs.
15-Head	BELS-S1515C/380	7410Lx1360Wx1700H mm	292Lx54Wx67H in	3112 kg	6858 lbs.

MACHINE SPECIFICATIONS:

MODEL		Embroidery Area	Cap Frame	Number of Needles	Speed	Stitch Length	Power Supply Consumption
2-Head	BELY-S1502CII/520	450x520mm-17 1/2"x20 1/4"	79 x 360 mm [2 3/4" x 14 in]	15	*1,100 flats *1,000 caps	0.1 ~ 12.7 mm	0.35 kW (2-4 Hd)
4-Head	BELY-S1504CII/520	450x520mm-17 1/2"x20 1/4"					
6-Head	BELY-S1506CII/380	450x380mm-17 1/2"x14 1/4"					
6-Head	BELY-S1506CII/520	450x520mm-17 1/2"x20 1/4"					
8-Head	BELY-S1508CII/380	450x380mm-17 1/2"x14 1/4"					[1P] 100~120V Optional: [3P] 200~415V
8-Head Stretch	BELY-S1508CII/520	450x520mm-17 1/2"x20 1/4"					
*8hd Stretch 1,000 flats, 900 caps							
12-Head	BELS-S1512C/380	450x380mm-17 1/2"x14 1/4"	79 x 360 mm [2 3/4" x 14 in]	15	1,000 flats 800 caps	0.1 ~ 12.7 mm	[3P] 200~240V Optional: [1P] 200~240V
15-Head	BELS-S1515C/380	450x380mm-17 1/2"x14 1/4"					



ETL Certification

Machine and specifications subject to change without notice.



There is a Barudan Sales Representative in your area ready to answer your questions today.
Call (800) 627-4776 for more information.



The Barudan Difference

While all Barudan machines are known for reliability and longevity, the 5-3-2 warranty also gives you peace of mind. With regular service by a Barudan Technician, your warranty covers:

- 5 years on the main motor
- 3 years on electronic parts and boards
- 2 years on all remaining parts (excluding consumables)



