

Barudan

THE BEMX SERIES OFFERS THE FEATURES YOU NEED TO CREATE A COMPLETE RANGE OF EMBROIDERY DESIGNS.



- BUILT-IN 3.5" FLOPPY DISK DRIVE
- LARGE MEMORY
- SIMPLE OPERATIONS



Technology for the Next Generation.

BEMX series

BEMX-YF/YS/YN
BEMXH-YF/YS/YN

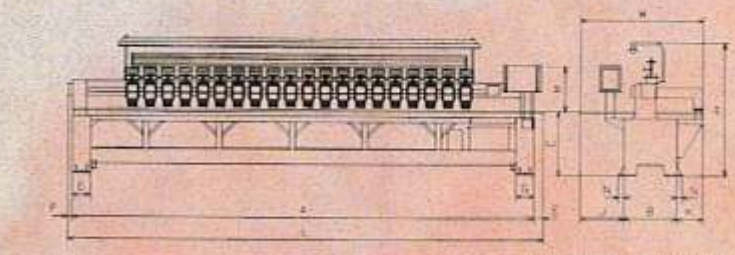
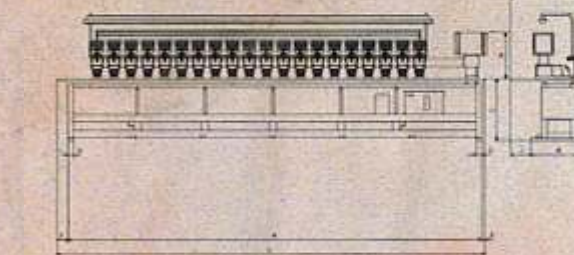
BEMX

MACHINE MAIN DIMENSIONS

MODEL	Embroidery Area(mm) (Alternate Head)	DIMENSIONS(mm)			A	B	C	D	E	F	G	J	M
		L	W	H									
BEMX-8	320x380	4150			3950					155			
BEMX-10	320x380	4910			4700					165			
BEMX-10	320x480	5810			5520					145			
BEMX-12(WF)	320x300(600)	5030			4800					185			
BEMX-12	320x320	4780			4550					155			
BEMX-12	320x380	5670	1075	1775	5450	780	880	75	45	175	75	280	440
BEMX-15	320x320	5710			5510					165			
BEMX-17(WF)	320x240(480)	6330			5100					185			
BEMX-17	320x320	6350			6150					155			
BEMX-20(WF)	320x240(480)	6050			5950					155			

SPECIFICATIONS

MODEL	Number of Needles per Head	Needle Size(mm)	Continuous Design(mm)	Offset	Continuous Design(mm)	Stitch length(mm)	Speed	Motor capacity	Power supply	Power Consumption
BEMX-8		380	320x380	100	320x3040					
BEMX-10		380	320x380	100	320x3800					
BEMX-10		480	320x480	0	320x4800					
BEMX-12(WF)	YF 5	300	320x300(600)	0	320x3800					
BEMX-12	YS 7	320	320x320	30	320x3840	0.1-12.7	200-900 (som)	550W	AC200V,220V, 348V,380V, 400V,415V, 1ϕ/3phase, 50Hz/60Hz	1.2W
BEMX-12	YN 8	380	320x380	100	320x4580					
BEMX-15		320	320x320	30	320x4800					
BEMX-17(WF)		240	320x240(480)	0	320x4080					
BEMX-17		320	320x320	30	320x5440					
BEMX-20(WF)		240	320x240(480)	0	320x4800					



BEMXH

▲MODEL BEMX

▲MODEL BEMXH

MACHINE MAIN DIMENSIONS

MODEL	Embroidery Area(mm) (Alternate Head)	DIMENSIONS(mm)			A	B	C	D	E	F	G	J	K	M	N
		L	W	H											
BEMXH-10	450x480	6265			6075										
BEMXH-12(WF)	450x300(600)	5485			5295										
BEMXH-12	450x400	6185			5995										
BEMXH-15	450x350	6585	1375		5395							445	205		
BEMXH-17(WF)	450x240(480)	5785			5595										
BEMXH-17	450x300	6385			6195										
BEMXH-18	450x300	6585			6485										
BEMXH-18	600x300	6685			6485										
BEMXH-18	600x320	6965	1675	1800	6775	725	880	250	130	80	250	595	355	515	75
BEMXH-18	600x350	7535			7345										
BEMXH-20(WF)	450x240(480)	6505	1375		6315							445	205		
BEMXH-20(WF)	600x240(480)	6905			6315							595	305		
BEMXH-20	600x300	7185			6995										
BEMXH-22(WF)	600x240(480)	6985	1675		6785							445	205		
BEMXH-24(WF)	600x240(480)	7385			7175							595	355		
BEMXH-30(WF)	600x185(370)	6990			6800							445	205		

SPECIFICATIONS

MODEL	Number of Needles per Head	Needle Size(mm)	Continuous Design(mm)	Offset	Continuous Design(mm)	Stitch length(mm)	Speed	Motor capacity	Power supply	Power Consumption
BEMXH-10		480	450x480	50	450x4800					
BEMXH-12(WF)		300	450x300(600)	50	450x3800					
BEMXH-12		400	450x400	50	450x4800					
BEMXH-15		350	450x350	50	450x5250					
BEMXH-17(WF)		240	450x240(480)	50	450x4080					
BEMXH-17	YF 5	300	450x300	50	450x5100					
BEMXH-18	YS 7	300	450x300	50	450x5400					
BEMXH-18	YN 8	300	600x300	50	600x5400	0.1-12.7	200-900 (rpm)	550W	AC200V,220V, 348V,380V, 400V,415V, 1ϕ/3phase, 50Hz/60Hz	1.2W
BEMXH-18		320	600x320	50	600x5780					
BEMXH-18		350	600x350	50	600x6300					
BEMXH-20(WF)		240	450x240(480)	50	450x4800					
BEMXH-20(WF)		240	600x240(480)	50	600x4800					
BEMXH-20		300	600x300	50	600x6000					
BEMXH-22(WF)		240	600x240(480)	50	600x5380					
BEMXH-24(WF)		240	600x240(480)	50	600x5780					
BEMXH-30(WF)		185	600x185(370)	50	600x5550					

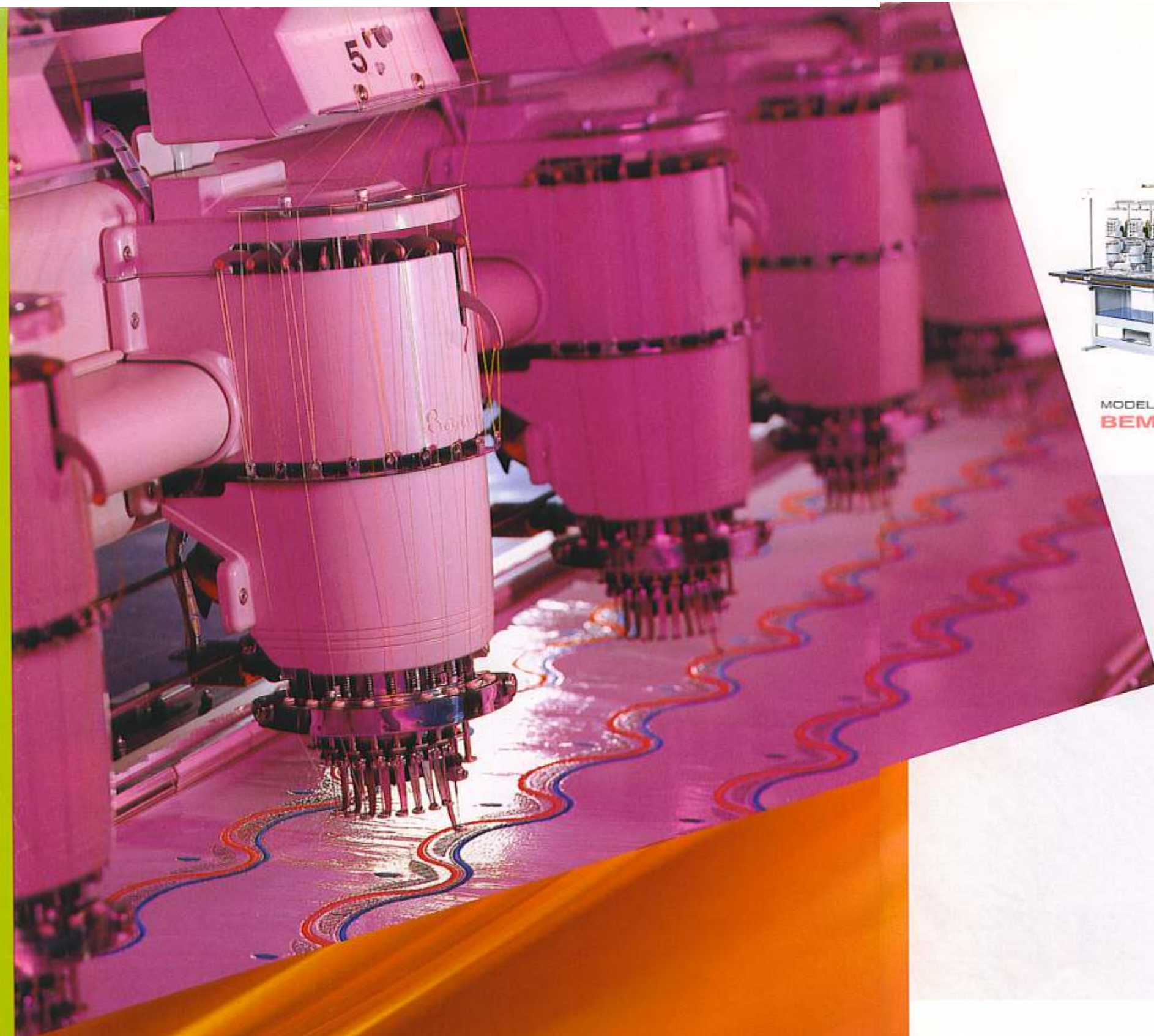
- Note 1. The above mentioned speed is to be selected depending on embroidery conditions like stitch length, fabric to be used, etc.
 Note 2. The above embroidery area indicates the maximum transfer volume of the frame but actual embroidery area is sometimes restricted by the used frame.
 Note 3. Orders will be accepted for models other than those mentioned above.

"Barudan" is a trademark of BARUDAN CO., LTD. in Japan.

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MODEL
BEMX-YN-12T

MODEL
BEMXH-YN-12T

Equipped with advanced functions expanding the possibility of designing.

● **BUILT-IN 3.5" FLOPPY DISK DRIVE**

For permanent storage of patterns, each disk can hold APPROXIMATELY 210,000 stitches or 36 designs.

● **LARGE MEMORY**

Stores up to 174,000 stitches, in up to 5 designs, expandable to 261,000 stitches.

● **SIMPLE OPERATIONS**

The independent switches for each basic function make operation very easy.

● **COPYING FROM FLOPPY DISK**

Patterns can be copied from 3.5" floppy disks into machine memory.

● **EDITING STITCH DATA**

Patterns can be edited by inserting, moving, deleting or adding function codes such as color changes, thread trims, etc.

● **ROTATION AND MIRROR**

90 degrees step rotation is available and with mirror effect for 8 positions.

● **REMOTE POWER SWITCH**

On/off switch on console panel controls machine power.

● **OUTPUT**

Outputs newly created or modified designs to floppy disk in the built-in floppy disk drive for backup purposes.

● **CORRECTING PATTERN DATA**

Corrections can be made to clean up previously punched designs by changing the vertical and horizontal data of stitches.

● **MODIFY COLOR CHANGE SEQUENCE**

Changing the color change sequence without sewing is made possible by key operations with the display.

● **AUTOMATIC MENDING**

Automatically mends the portion of your pattern at which a problem occurs.

● **DIRECT FLOATING**

Moves the pantograph to a position of a specified stitch number.

● **ADDING/CHANGING FUNCTIONS ON PATTERN DATA**

Unlimited changes can be made to function codes (thread trim, jump, stop or color change) in patterns.

● **FLOATING**

Moves the pantograph through the design without sewing.

● **TAPE FORMAT**

Read design tapes in BARUDAN or other industry standard codes (BARUDAN, fortron, and trinary)

● **DIRECT BACK TO ORIGIN**

Moves back to start of design with one key. If the origin key is pressed again, the pantograph moves back to the previous position.

● **AUTOMATIC SPEED CHANGE**

Adjusts the speed according to stitch length for best sewing quality.

● **AUTOMATIC SLOW START AND STOP**

Runs slow for a few stitches when you start or stop sewing.

● **MEMORY BACKUP**

Saves machine memory in case of power, failure, or preserves pattern memory when machine power is turned off.

● **MAIN DRIVE MOTOR**

Induction motor controlled by inverter provides extremely smooth starts, stop and speed control.

● **ADVANCED PANTOGRAPH DRIVE MECHANISM**

Provides accurate and excellent quality stitching.

● **AUTOMATIC THREAD TRIMMER (OPTION)**

Selectively trims top or both top and bottom threads.

● **ADDITION**

Creates new designs by adding a design to another design in memory.

Barudan's BEMX Series Offers Cutting Edge Technology.

The BEMX machines provide the features needed to insure maximum productivity and consistent, high quality embroidery. Rotary individual take-up levers on each sewing head results in fast, quiet production. Other advanced features combine to make the BEMX machine a wise investment for your future production needs.

Count on advanced technology, yet easy operation with Barudan.

OPTION



▲ **UNDER THREAD DETECTOR (UTSM)**
Embroidery machine automatically stops when under thread gets cut or runs out.



▲ **MONOGRAM KEY BOARD JM-4**
Combinations of lettering with stored designs enables extensive expression and flexibility.



▲ **PTR-5 (TAPE READER)**



▲ **BTR-1 (TAPE READER)**