INDUSTRIAL SEWING MACHINES

General Catalog of Industrial Sewing Machines

2011.3 vol.3

- Lock Stitch Sewing Machine
- Zigzag Lock Stitch Sewing Machine
- Twin Needle Lock Stitch Sewing Machine
- Twin Needle Split Needle Bar Lock Stitch Sewing Machine
- Buttonhole Sewing Machine
- Button Attaching Machine
- Bar Tacking Machine / Pattern Tacking Machine
- Programmable Electronic Pattern Sewing Machine
- Double Chain Stitch Sewing Machine
- Blind Stitch Sewing Machine

Catalogs of each model are available. Please find our office to inquire on outside back cover. Visit our official site http://www.brother.com/ for further information.
Brother has contributed to our customers’ business development with our sewing machines and services leading the industry, since its establishment as the “Yasui Sewing Machine Co.” in 1908. We have continually produced innovative sewing machines, including the world’s first direct-drive sewing machine (in 1993), the electronic eyelet buttonhole sewing machine (in 1994), and the electronic bar tacking machine (in 1995). We also established our original dry head technology (in 2003) to offer clean, neat sewing with high productivity.

We are proud of our 100-year history, our creativity making the customers’ dreams reality, and our global views. With all of these advantages, our customers appreciate the industrial sewing machines we offer and consider Brother as the best for their production needs.

Providing solutions that customers truly appreciate

1. **PRODUCTIVITY**
   The machines acceleration from the start, sewing speed, and ease of operation, enhance the overall productivity in all aspects of machine operation.

2. **SEWING QUALITY**
   We provide high sewing quality with good stitch texture and a clean, neat finish.

3. **COST PERFORMANCE**
   We contribute to the customers’ profitability by providing energy saving products with high cost performance.

**Energy efficient sewing machines**
We offer our sewing machines with low power consumption and running cost, employing compact motors developed in-house to best fit the machine heads.

**Sewing machines with clean sewing**
Brother was the first to succeed in eliminating lubrication to the needle bar and thread take-up by applying special surface treatment to the sliding portions. Clean sewing without oil staining has been realized.

**Sewing machines with attractive stitches**
High sewing quality is achieved with good stitch texture produced by the optimally designed feed, needle bar, and thread take-up mechanisms, and with servo-controlled accurate stitching.

**Reliable quality**
In accordance with the ISO 9001 quality management system and under our strict control, we provide top-quality industrial sewing machines in the industry.

**Dependable service & support system**
We have a dependable support system close to our customers to assure satisfactory operation of the machines.

**Proactive development of environment-conscious products**
Brother is making an effort to eliminate the six substances restricted by the RoHS Directive. We also operate the “Brother Green Label” system with which we set standards for our environment-conscious products and certify the products in conformity with the standards.

**Sewing machines with less noise**
Taking particular care to the vibration, noise quality, and quietness in machine operation, we produce a comfortable working environment for operators.

**Sewing machines with operational ease**
“The arm pocket is large enough, making material handling easy.” “This machine is easy to see needle penetration.” “The settings for sewing are easy.” We have been receiving these favorable remarks from our customers. We have adopted designs based on the current human engineering to many parts of our sewing machines.

**Dependable service & support system**
We have a dependable support system close to our customers to assure satisfactory operation of the machines.

**Proactive development of environment-conscious products**
Brother is making an effort to eliminate the six substances restricted by the RoHS Directive. We also operate the “Brother Green Label” system with which we set standards for our environment-conscious products and certify the products in conformity with the standards.

**Sewing machines with less noise**
Taking particular care to the vibration, noise quality, and quietness in machine operation, we produce a comfortable working environment for operators.

**Sewing machines with operational ease**
“The arm pocket is large enough, making material handling easy.” “This machine is easy to see needle penetration.” “The settings for sewing are easy.” We have been receiving these favorable remarks from our customers. We have adopted designs based on the current human engineering to many parts of our sewing machines.

**Dependable service & support system**
We have a dependable support system close to our customers to assure satisfactory operation of the machines.

**Proactive development of environment-conscious products**
Brother is making an effort to eliminate the six substances restricted by the RoHS Directive. We also operate the “Brother Green Label” system with which we set standards for our environment-conscious products and certify the products in conformity with the standards.
Brother has contributed to our customers’ business development with our sewing machines and services leading the industry, since its establishment as the “Yasui Sewing Machine Co.” in 1908. We have continually produced innovative sewing machines, including the world’s first direct-drive sewing machine (in 1993), the electronic eyelet buttonhole sewing machine (in 1994), and the electronic bar tacking machine (in 1995). We also established our original dry head technology (in 2003) to offer clean, neat sewing with high productivity.

We are proud of our 100-year history, our creativity making the customers’ dreams reality, and our global views. With all of these advantages, our customers appreciate the industrial sewing machines we offer and consider Brother as the best for their production needs.

Providing solutions that customers truly appreciate

1. PRODUCTIVITY
   The machines acceleration from the start, sewing speed, and ease of operation, enhance the overall productivity in all aspects of machine operation.

2. SEWING QUALITY
   We provide high sewing quality with good stitch texture and a clean, neat finish.

3. COST PERFORMANCE
   We contribute to the customers’ profitability by providing energy saving products with high cost performance.

Energy efficient sewing machines
   We offer our sewing machines with low power consumption and running cost, employing compact motors developed in-house to best fit the machine heads.

Sewing machines with clean sewing
   Brother was the first to succeed in eliminating lubrication to the needle bar and thread take-up by applying special surface treatment to the sliding portions. Clean sewing without oil staining has been realized.

Sewing machines with less noise
   Taking particular care to the vibration, noise quality, and quietness in machine operation, we produce a comfortable working environment for operators.

Sewing machines with attractive stitches
   High sewing quality is achieved with good stitch texture produced by the optimally designed feed, needle bar, and thread take-up mechanisms, and with servo-controlled accurate stitching.

Sewing machines with operational ease
   “The arm pocket is large enough, making material handling easy.” “This machine is easy to see needle penetration.” “The settings for sewing are easy.” We have been receiving these favorable remarks from our customers. We have adopted designs based on the current human engineering to many parts of our sewing machines.

Reliable quality
   In accordance with the ISO 9001 quality management system and under our strict control, we provide top-quality industrial sewing machines in the industry.

Dependable service & support system
   We have a dependable support system close to our customers to assure satisfactory operation of the machines.

Proactive development of environment-conscious products
   Brother is making an effort to eliminate the six substances restricted by the RoHS Directive. We also operate the “Brother Green Label” system with which we set standards for our environment-conscious products and certify the products in conformity with the standards.
Lock Stitch Sewing Machine

Single Needle Direct Drive Straight Lock Stitcher with Thread Trimmer

**S-7200C**
- Clean sewing with no oil staining.
- Smooth sewing with direct drive system.
- Energy-saving model.
- Complete dry / semi-dry / minimum lubrication type
- Max. sewing speed: 4,000-5,000 sti/min
- Max. stitch length: 4.2-5 mm
- Height of presser foot: 6-16 mm

**SL-7220B**
- The needle feed mechanism prevents uneven material feeding.
- Complete dry / semi-dry / minimum lubrication type
- Max. sewing speed: 4,000-6,000 sti/min
- Max. stitch length: 4.5-5.5 mm
- Height of presser foot: 6-16 mm

**SL-777B**
- The side cutter cuts the material end while sewing.
- Suitable for plain stitching and hem stitching of collars and flaps.
- For medium materials
- Max. sewing speed: 4,500 sti/min
- Max. stitch length: 4 mm
- Height of presser foot: 6-13 mm
- Cutting width: 2.5 mm, 3.2 mm, 4.0 mm, 4.8 mm, 6.4 mm, 9.5 mm

High Speed Single Needle Straight Lock Stitcher

**SL-1110**
- Stable sewing with low thread tension.
- Preventing staining with oil from the needle bar and thread take-up area.
- For light materials / medium materials / heavy materials
- Max. sewing speed: 4,000-5,000 sti/min
- Max. stitch length: 4.2-5 mm
- Height of presser foot: 6-13 mm
### Lock Stitch Sewing Machine

**S-6200A**
- High energy saving.
- Exceptional responsiveness for comfortable sewing.
- A downsized and flat control box providing a much larger leg space to be utilized.

- For medium materials / heavy materials
  - Max. sewing speed: 4,000-5,000 sti/min
  - Max. stitch length: 4.2-5 mm

### Zigzag Lock Stitch Sewing Machine

**Z-8550A**
- Clean sewing with no oil staining.
- Energy-saving model.
- Wide-variety pattern sewing is available.

- Max. sewing speed: 5,000 sti/min
- Max. zigzag width: 10 mm
- Max. feed amount: 5 mm

**Z-8560A**
- The compact knife mechanism in a single unit enables simple maintenance.
- Clean sewing with no oil staining.
- Energy-saving model.
- Wide-variety pattern sewing is available.

- Max. sewing speed: 5,000 sti/min
- Max. zigzag width: 10 mm
- Max. feed amount: 5 mm
Twin Needle Lock Stitch Sewing Machine

Twin Needle Direct Drive Lock Stitcher

**T-8421C**
- Direct drive / no thread trimmer type.
- The most suitable model for sewing of foundation garments.
- Clean sewing with no oil staining.

**T-8420C**
- High position of arm jaw and large arm pocket make handling material easier.
- Easy to replace gauge parts.

**T-8422C**
- Stable thread trimmer operation enables high productivity.
- Clean sewing with no oil staining.

**T-8720C**
- High position of arm jaw and large arm pocket make handling material easier.
- Easy to replace gauge parts.

**T-8722C**
- Stable thread trimmer operation and large hook provide high productivity.
- Clean sewing with no oil staining

---

Twin Needle Direct Drive Lock Stitcher with Thread Trimmer

**T-8422C**
- Semi-dry / minimum lubrication type
- For foundation / light and medium materials / heavy materials
- Max. sewing speed: 3,000-4,000 sti/min
- Max. stitch length: 4 mm
- Height of presser foot: 7 mm
- Needle feed / bottom feed equipped as standard
- Quick back device & thread wiper equipped as standard

**T-8722C**
- Semi-dry / minimum lubrication type
- For foundation / light and medium materials / heavy materials
- Max. sewing speed: 3,000-4,000 sti/min
- Max. stitch length: 4 mm
- Height of presser foot: 7 mm
- Needle feed / bottom feed equipped as standard
- Quick back device & thread wiper equipped as standard

---

Twin Needle Lock Stitcher with Large Hook

**T-8720C**
- Minimum lubrication type
- For heavy materials
- Max. sewing speed: 3,000 sti/min
- Max. stitch length: 7 mm
- Height of presser foot: 7 mm
- Needle feed / bottom feed equipped as standard

---

Direct drive system

---

Semi-dry type

Minimum lubrication type
Twin Needle Split Needle Bar Lock Stitch Sewing Machine

**T-8452C**

- Stable thread trimmer operation enables high productivity.
- Clean sewing with no oil staining.
- Minimum lubrication type
- For light and medium materials/heavy materials/ heavy materials(for extra thick thread)
- Max. sewing speed: 3,000 sti/min
- Max. stitch length: 5 mm
- Height of presser foot: 7 mm
- Needle feed / bottom feed equipped as standard
- Quick back device & thread wiper equipped as standard

**T-8450C**

- High position of arm jaw and large arm pocket make handling material easier.
- Easy to replace gauge parts.
- Minimum lubrication type
- For light and medium materials / heavy materials
- Max. sewing speed: 3,000 sti/min
- Max. stitch length: 5 mm
- Height of presser foot: 7 mm
- Needle feed / bottom feed equipped as standard

**T-8752C**

- Stable thread trimmer operation and large hook provide high productivity.
- Clean sewing with no oil staining.
- Minimum lubrication type
- For light and medium materials/heavy materials/ heavy materials(for extra thick thread)
- Max. sewing speed: 3,000 sti/min
- Max. stitch length: 7 mm
- Height of presser foot: 7 mm
- Needle feed / bottom feed equipped as standard
- Quick back device & thread wiper equipped as standard

**T-8750C**

- High position of arm jaw and large arm pocket make handling material easier.
- Easy to replace gauge parts.
- Minimum lubrication type
- For heavy materials
- Max. sewing speed: 3,000 sti/min
- Max. stitch length: 7 mm
- Height of presser foot: 7 mm
- Needle feed / bottom feed equipped as standard
Electronic Lockstitch Button Holer

**HE-800A**
- 21 built-in sewing patterns. Original pattern sewing also supported.
- Presser foot height can be set as desired. It enables positioning of material easy and accurate.
- Quick and accurate cutting driven by a double position solenoid.

For woven articles / knitted articles
- Cutter length: 4-32 mm
- Max. sewing width: 6 mm
- Max. button hole length: 40 mm
- Height of presser foot: 13 mm
- Max. sewing speed: 4,000 sti/min
- Thread trimmer equipped as standard

**Electronic Eyelet Button Holer**

**RH-9820**
- Fine finishing of button holes.
- Max. sewing speed 2,500 sti/min improves productivity.
- Large arm pocket allowing smooth material handling.
- Easy-to-use operation panel.

- Stitch pitch: 0.5-2.0 mm
- Zigzag width: 1.5-5.0 mm
- Height of work clamp: 12-16 mm
- Sewing length: 5-50 mm
- Taper bartack length: 0-20 mm
- Max. sewing speed: 2,500 sti/min
- Upper thread trimmer equipped as standard

Button Attaching Machine

**Electronic Direct Drive Lockstitch Button Sewer**

**BE-438F**
- Attractive sewing accurate to the sewing data.
- Low power consumption.
- Low noise and low vibration.
- Clean Sewing.

- Max. sewing area (X-Y): 6.4 X 6.4 mm
- Stitch length: 0.05-6.4mm
- Button clamp height: 13 mm
- Number of stored data: 64 sewing patterns as standard
- Button size: 8-30 mm outer diameter
- Max. sewing speed: 2,700 sti/min
- Digital tension, thread trimmer and thread wiper equipped as standard
**Bar Tacking Machine**

- **Electronic Direct Drive Lockstitch Bar Tacker**
  - KE-430F
    - High productivity with maximum sewing speed, 3,200 sti/min.
    - Attractive sewing accurate to the sewing data.
    - For ordinary materials / denim / knitted materials / foundation
  - Max. sewing area (X-Y): 100 X 60 mm
  - Stitch length: 0.05-12.7 mm
  - Number of stored data: 89 sewing patterns as standard
  - Max. number of stitches: 5,000 stitches/pattern
  - Max. sewing speed: 3,200 sti/min
  - Digital tension, thread trimmer and thread wiper equipped as standard

- **Sewing Data Programming Software**
  - PS-300B
    - Your original sewing patterns can be created enhancing the product’s value.
    - Sewing pattern data can easily be modified. It reduces the time for resizing and correcting.
    - Sewing pattern data for existing models and external data can also be used.
    - Main function: Creating, editing, setting and converting of sewing data. File input/output, data input/output

**Pattern Tacking Machine**

- **Electronic Lockstitch Pattern Tacker**
  - KE-434C
    - Most suitable for pattern sewing such as plain stitching of small articles and dart seam of curtains.
    - For medium materials / heavy materials
  - Max. sewing area (X-Y): 100 X 60 mm
  - Stitch length: 0.1-10.0 mm
  - Max. number of stitches: 20,000 stitches
  - Max. sewing speed: 2,500 sti/min
  - Thread trimmer & thread wiper equipped as standard

- **Electronic Lockstitch Pattern Tacker with Treble Hook**
  - KE-484C
    - The knife method of thread trimming can securely cut various threads up to #0.
    - The torque can be easily increased with change of pulley and PROM. The most suitable model for heavy material / extra-heavy material such as seat belts.
  - Max. sewing area (X-Y): 100 X 60 mm
  - Stitch length: 0.1-10.0 mm
  - Max. number of stitches: 20,000 stitches
  - Max. sewing speed: 2,200 sti/min
  - Thread trimmer & thread wiper equipped as standard
### Programmable Electronic Pattern Sewing Machine

**Direct Drive Programmable Electronic Pattern Sewer with Cylinder Bed 130 x 60 mm**

**BAS-300G**

- Attractive sewing accurate to the sewing data.
- High productivity with maximum sewing speed, 2,700 sti/min.
- By using PD-3000 Programmer, creation and management of sewing data is easily done.

Sewing area (X-Y): 130 x 60 mm
- For heavy materials / medium materials / seat belt
- Max. sewing speed: 2,700 sti/min
- Stitch length: 0.05-12.7 mm
- Number of stitches: Max. 20,000 stitches per pattern

**Direct Drive Programmable Electronic Pattern Sewer with Cylinder Bed 130 x 100 mm**

**BAS-311G**

- Attractive sewing accurate to the sewing data.
- High productivity with maximum sewing speed, 2,700 sti/min.
- By using PD-3000 Programmer, creation and management of sewing data is easily done.

Sewing area (X-Y): 130 x 100 mm
- For heavy materials / medium materials / seat belt
- Max. sewing speed: 2,700 sti/min
- Stitch length: 0.05-12.7 mm
- Number of stitches: Max. 20,000 stitches per pattern

**Sewing Data Programming Software**

**PS-300B**

- Your original sewing patterns can be created enhancing the product’s value.
- Sewing pattern data can easily be modified. It reduces the time for resizing and correcting.
- Sewing pattern data for existing models and external data can also be used.

Main function: Creating, editing, setting and converting of sewing data. File input/output, data input/output

---

**Direct Drive Programmable Electronic Pattern Sewer with Cylinder Bed 220 x 100 mm**

**BAS-326G**

- Attractive sewing accurate to the sewing data.
- High productivity with maximum sewing speed, 2,700 sti/min.
- By using PD-3000 Programmer, creation and management of sewing data is easily done.

Sewing area (X-Y): 220 x 100 mm
- For heavy materials / medium materials / seat belt
- Max. sewing speed: 2,700 sti/min
- Stitch length: 0.05-12.7 mm
- Number of stitches: Max. 20,000 stitches per pattern

**Direct Drive Programmable Electronic Pattern Sewer with Perfect Stitch Hook and Cylinder Bed 220 x 100 mm**

**BAS-326G-PS**

- Amazing high quality stitches.
- Wide-range perfect stitch area.
- High productivity with maximum sewing speed, 2,700 sti/min.
- By using PD-3000 Programmer, creation and management of sewing data is easily done.

Sewing area (X-Y): 220 x 100 mm
- For heavy materials
- Max. sewing speed: 2,700 sti/min
- Stitch length: 0.05-12.7 mm
- Number of stitches: Max. 20,000 stitches per pattern

**Sewing Data Programmer**

**PD-3000**

- Sewing data can easily be created with icons and commands.
- The details of the sewing data in process of creation can be viewed, with the indication of the comments, the shape, horizontal and vertical size, and number of stitches of the pattern.
- The programmer is suitable for sewing data management.
- The setting values of the memory switches can be checked with the programmer.

English, Chinese, Spanish, Italian, French, German, Portuguese, Turkish, Vietnamese and Japanese are supported as display language.
Programmable Electronic Pattern Sewing Machine

Direct Drive Programmable Electronic Pattern Sewer with Cylinder Bed 300 x 200 mm

**BAS-342G**
- Attractive sewing accurate to the sewing data.
- High productivity with maximum sewing speed, 2,700 sti/min.
- Strong needle penetration force is available and comfortable sewing is possible with heavy materials.
- By using PD-3000 Programmer, creation and management of sewing data is easily done.

Sewing area (X-Y): 300 X 200 mm
For heavy materials
Max. sewing speed: 2,700 sti/min
Stitch length: 0.05-12.7 mm
Number of stitches: Max. 20,000 stitches per pattern

Direct Drive Programmable Electronic Pattern Sewer with Perfect Stitch Hook and Cylinder Bed 300 x 200 mm

**BAS-342G-PS**
- Amazing high quality stitches.
- Wide-range perfect stitch area.
- High productivity with maximum sewing speed, 2,700 sti/min.
- By using PD-3000 Programmer, creation and management of sewing data is easily done.

Sewing area (X-Y): 300 X 200 mm
For heavy materials
Max. sewing speed: 2,700 sti/min
Stitch length: 0.05-12.7 mm
Number of stitches: Max. 20,000 stitches per pattern

Double Chain Stitch Sewing Machine

**BAS-342G**
- Twin Needle / Three Needle Feed
- Off the Arm Double Chain Stitcher
**DA-9270**
- For light and medium materials
- Max. sewing speed: 4,000 sti/min
- Height of presser foot: 10 mm
- Circumference of cylinder bed: 171 mm

**DA-9280**
- For heavy materials / extra heavy materials
- Max. sewing speed: 4,000 sti/min
- Height of presser foot: 11 mm
- Circumference of cylinder bed: 171 mm

Blind Stitch Sewing Machine

**BAS-342G**
- Blind Stitcher
**JC-9330**
- One-touch switching between loose and tight seams.
- Max. stitch length: 3.2-8.5 mm
- Height of presser foot: 10 mm
- Max. sewing speed: 3,000 sti/min

**JC-9380**
- Blind Stitcher with Differential Feed Mechanism
- The differential feed enables smooth feeding with no gathering.
- Max. stitch length: 3.2-8.5 mm
- Height of presser foot: 10 mm
- Max. sewing speed: 3,000 sti/min
Product specifications are subject to change for improvement without notice. The values of the data depend on the specifications of models. Please refer to the catalogs of each model or our official site for further information.

Please read instruction manual before using the machine for safety operation.

<table>
<thead>
<tr>
<th>Region</th>
<th>Contact</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHINA</td>
<td>BROTHER MACHINERY SHANGHAI LTD.</td>
<td>+86-21-3135-3355</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.brother-cn.net/">http://www.brother-cn.net/</a></td>
<td></td>
</tr>
<tr>
<td>HONG KONG</td>
<td>BROTHER INTERNATIONAL (HK) LTD.</td>
<td>+852-3589-9040</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.brother.com.hk/">http://www.brother.com.hk/</a></td>
<td></td>
</tr>
<tr>
<td>ASIA</td>
<td>BROTHER INTERNATIONAL SINGAPORE PTE LTD.</td>
<td>+65-6536-8891</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.brother.com.sg/">http://www.brother.com.sg/</a></td>
<td></td>
</tr>
<tr>
<td>EUROPE</td>
<td>BROTHER INTERNATIONALE INDUSTRIEMASCHINEN G. m. b. H.</td>
<td>+49-2822-6090</td>
</tr>
<tr>
<td>AFRICA, MIDDLE EAST</td>
<td><a href="http://www.brother-ism.com/">http://www.brother-ism.com/</a></td>
<td></td>
</tr>
<tr>
<td>AMERICAS</td>
<td>BROTHER INTERNATIONAL CORPORATION</td>
<td>+1-908-704-1700</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.brother-usa.com/">http://www.brother-usa.com/</a></td>
<td></td>
</tr>
</tbody>
</table>

To preserve the environment, this catalog was printed on ECF paper (Elemental Chlorine-Free) and using VEGETABLE OIL INK.