INDUSTRIAL SEWING MACHINES

General Catalog of Industrial Sewing Machines
03.2018 vol.3
Driving a New Era of Sewing Technology

Highly advanced technologies with flexibility to instantly meet the needs of a new generation with creativity to challenge today's cutting edge development. Brother has been leading the industry with our sewing machines and services throughout our 100 years history.

We have continually produced innovative sewing machines, including the world's first direct-drive model, the electronic sewing machine and the dry head technology. In 2015, we developed the world's first electronic feed control “DigiFlex Feed” technology which is equipped lock stitch sewing machine.

Also we have started a new challenge for IoT business from 2016, and continue to change standard of garment factory through Brother's unique IoT technology and latest solutions to both automation and labor saving.

With the “At your side.” spirit, always placing our customers first, Brother continues to contribute to the customer's business development to offer definitive value for their production needs.
Always placing the customer opinions as the initiative for value creation

We mirror the viewpoint of customers to create new value along with our highly advanced technologies. Brother keeps on searching for product excellence based on a wide range of customer's needs, including accurate and good texture stitching, clean sewing, high energy saving’s, low sound/vibration and user-friendly operation.
Brother Continues to Drive a New Era of Product Excellence and Industry Change

Since its inception in 1908, Brother has been at the forefront of product innovation, dedicated to deliver superior and innovative sewing technology to our customers. While these innovative changes have now become the industry standard, our never-ending spirit of challenge and innovation inherited from our ancestors have helped us surmount many challenges in the marketplace and continue striving for product excellence.

It is with this spirit of pride and dedication that we introduce our new line of NEXIO industrial sewing machines. This new line of NEXIO is for IoT era of industrial sewing machines with network connectivity that will set a new design standard in the industry. This new brand name is derived from the words “Next” and “Society,” combining our vision to drive a new era of industry change with continual dedication to innovative product development, as well as our continued company commitment to forging strong customer relationships by being “At your side.”
Internet of Things

IoT

Easy to Start &
Easy to Expand

Let's start with 1 machine

Sewing Machine + USB + Visualization

Real Time
It shows real time production progress.

Visualization
It supports production management with variety of graphs.

Maintenance
It tells condition of sewing machine.
### S-7300A NEXIO Lock Stitch Sewing Machine

**DigiFlex Feed**

![Image of S-7300A Machine]

**S-7300A**

- **Single Needle Direct Drive Lock Stitcher with Electronic Feeding System and Thread Trimmer**
- **Premier specification only**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Changeable feed motion for various materials</td>
<td>○</td>
</tr>
<tr>
<td>Reduction of disposition of thread ends (short remaining thread and bird's nest reduction)*</td>
<td>○</td>
</tr>
<tr>
<td>Clogging at cross-over seam reduction*</td>
<td>○</td>
</tr>
<tr>
<td>Needle breakage prevention function is adopted</td>
<td>○</td>
</tr>
<tr>
<td>The new hook enhances sewing capability for wide range materials</td>
<td>○</td>
</tr>
<tr>
<td>Comfortable feeding</td>
<td>○</td>
</tr>
<tr>
<td>Reverse sound minimized</td>
<td>○</td>
</tr>
<tr>
<td>Clean sewing without oil staining</td>
<td>○</td>
</tr>
<tr>
<td>User-intuitive color LCD with touch panel</td>
<td>○</td>
</tr>
<tr>
<td>Useful functions are gathered in the hand switches</td>
<td>○</td>
</tr>
<tr>
<td>USB port is equipped</td>
<td>○</td>
</tr>
</tbody>
</table>

*Premier specification only*
DigiFlex Feed

World’s first* Electronic Feed Control

DigiFlex Feed, which is world's first equipped on S-7300A, digitalizes feeding system and selects the best feed motion from 4. The feed motion can be changed with one touch of a button to provide the best sewing quality for various materials. It resolves various sewing troubles without adjustment work.

*among the single needle lock stitchers
**S-7220C**

Single Needle Direct Drive Needle Feed Lock Stitcher with Thread Trimmer

- The needle feed mechanism prevents uneven material feeding
- Clean sewing with no oil staining
- Smooth sewing with direct drive system
- High energy saving

**S-7100A**

Sinie Needle Direct Drive Straight Lock Stitcher with Thread Trimmer

- Comfortable sewing with high speed sewing
- The new hook enhances sewing capability
- Highly reliable electrical equipment
- Environment conscious

**SL-777B**

Single Needle Straight Lock Stitcher with Side Cutter

- The side cutter cuts the material end while sewing

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**Z-8550A**

Electronic Direct Drive Zigzag Lock Stitcher

- Clean sewing with no oil staining
- High energy saving
- Wide-variety pattern sewing is available

**Z-8560A**

Electronic Direct Drive Zigzag Lock Stitcher with Thread Trimmer

- The compact knife mechanism in a single unit enables simple maintenance
- Clean sewing with no oil staining
- High energy saving
- Wide-variety pattern sewing is available

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<table>
<thead>
<tr>
<th>Direct Drive</th>
<th>Feed</th>
<th>Stitch</th>
<th>Thread Limiter</th>
<th>Lubrication type</th>
<th>Max. sewing speed</th>
<th>Max. stitch length</th>
<th>Needle traverse function</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>S-7220C</td>
<td>Needle feed</td>
<td>Lock stitch</td>
<td>○</td>
<td>Minimum</td>
<td>5,000/stitch/1,000/s</td>
<td>4.5mm / 9.5mm</td>
<td>○</td>
<td>Medium/Heavy</td>
</tr>
<tr>
<td>S-7100A</td>
<td>Bottom feed</td>
<td>Lock stitch</td>
<td>○</td>
<td>Minimum</td>
<td>5,000/stitch/1,000/s</td>
<td>4.5mm / 9.5mm</td>
<td>○</td>
<td>Light, Medium/Heavy</td>
</tr>
<tr>
<td>SL-777B</td>
<td>Bottom feed</td>
<td>Lock stitch</td>
<td>-</td>
<td>Minimum</td>
<td>4,000/stitch</td>
<td>4mm</td>
<td>-</td>
<td>Medium</td>
</tr>
</tbody>
</table>

*The stitch length is 2.2mm or below.*
**KE-430HX/HS **

**NEXIO**

**Bar Tacking Machine**

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**KE-430HX**

Electronic Direct Drive Lockstitch Bar Tacker (Short Remaining Thread Spec.)

- Productivity improvement by world's top-class sewing speed and needle cooler
- Reduction of disposition of threads ends (short remaining thread)
- Beautiful and highly-reproducible sewing quality by digital tension
- Superior usability as everyone can use easily and reliability
- Clean sewing with semi-dry type

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**KE-430HS**

Electronic Direct Drive Lockstitch Bar Tacker (Short Remaining Thread Spec.)

- Productivity improvement by world's top-class sewing speed
- Reduction of disposition of threads ends (short remaining thread)
- Beautiful sewing quality
- Superior usability as everyone can use easily and reliability
- Clean sewing with minimum lubrication

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**BE-438HX/HS **

**NEXIO**

**Button Attaching Machine**

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**BE-438HX**

Electronic Direct Drive Lockstitch Button Sewer (Short Remaining Thread Spec.)

- Set button smoothly
- Productivity improvement by world's top-class sewing speed
- Reduction of disposition of threads ends (short remaining thread)
- Beautiful and highly-reproducible sewing quality by digital tension
- Superior usability as everyone can use easily and reliability
- Clean sewing with semi-dry type

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**BE-438HS**

Electronic Direct Drive Lockstitch Button Sewer(Short Remaining Thread Spec.)

- Set button smoothly
- Productivity improvement by world's top-class sewing speed
- Reduction of disposition of threads ends (short remaining thread)
- Beautiful sewing quality
- Superior usability as everyone can use easily and reliability
- Clean sewing with minimum lubrication
**HE-800C**

Buttonhole Sewing Machine

- High quality sewing due to modified parts and program.
- High productivity due to double cutting function.
- Reduction of disposition of thread ends.
- Productivity Improvement by IoT.

**Specifications**

<table>
<thead>
<tr>
<th>HE-800C</th>
<th>Direct drive</th>
<th>Stitch</th>
<th>Buttonhole</th>
<th>Thread trimmer</th>
<th>Max. sewing speed</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>4,000st/min</td>
<td>DH/EN/SV1</td>
</tr>
</tbody>
</table>

**RH-9820**

Buttonhole Sewing Machine

- Electronic Eyelet Button Holer
  - Max. sewing speed 2,500 st/min improves productivity
  - Fine finishing of button holes
  - Large arm pocket allowing smooth material handling
  - Easy-to-use operation panel
  - Clean sewing without oil staining

**Specifications**

<table>
<thead>
<tr>
<th>RH-9820</th>
<th>Direct drive</th>
<th>Stitch</th>
<th>Buttonhole</th>
<th>Thread trimmer</th>
<th>Max. sewing speed</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Double chain</td>
<td>Eyelet buttonhole</td>
<td></td>
<td>2,500st/min</td>
<td></td>
</tr>
</tbody>
</table>
BAS-H Series NEXIO
BAS-311HN / BAS-326H / BAS-326H-484/484SF / BAS-341H / BAS-342H
Programmable Electronic Pattern Sewing Machine

**BAS-H Series**
Direct Drive Programmable
Electronic Pattern Sewer with Cylinder Bed
BAS-311HN / BAS-326H / BAS-341H / BAS-342H
- Attractive sewing accurate to the sewing data
- High stiffness feed mechanism
- High productivity with max. sewing speed of 2,800stl/min
- Large screen LCD touch panel with programming functions

BAS-326H-484/484SF
- Treble hook equipped, reducing the frequency of bobbin changes
- Accurate and stout sewing
BAS-H Series

BAS-360H
BAS-365H

Programmable Electronic Pattern Sewing Machine

BAS-360H
Bridge Type Programmable Electronic Pattern Sewer
- Improved Productivity, Superior Quality, a Space Saving Design, and a Large Sewing Area
- Productivity Improvement by IoT
- New Digital Tension Allows for a Wide Variety of Threads to be Sewn
- User-friendly Color LCD with Touch Panel Display
- For Use with Various Types of Sewing Applications
- Sewing area: 500mm x 400mm

BAS-365H
Bridge Type Programmable Electronic Pattern Sewer
- Improved Productivity, Superior Quality, a Space Saving Design, and a Large Sewing Area
- Productivity Improvement by IoT
- New Digital Tension Allows for a Wide Variety of Threads to be Sewn
- User-friendly Color LCD with Touch Panel Display
- For Use with Various Types of Sewing Applications
- Sewing area: 700mm x 400mm

<table>
<thead>
<tr>
<th>Model</th>
<th>Feed Mechanism</th>
<th>Hook Mechanism</th>
<th>Sewing Area</th>
<th>Machine Head</th>
<th>Max. Sewing Speed</th>
<th>Max. Stitch Length</th>
<th>Air Consumption</th>
<th>Digital Tension</th>
<th>Handle Control</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAS-360H</td>
<td>Individual guide machine</td>
<td>Double motion</td>
<td>500mm x 400mm</td>
<td>Bridge</td>
<td>2,700 stitches/min</td>
<td>0.25mm - 2.0mm</td>
<td>SF</td>
<td>○</td>
<td>○</td>
<td>Honey, Sheer, Wire</td>
</tr>
<tr>
<td>BAS-365H</td>
<td>Individual guide machine</td>
<td>Double motion</td>
<td>700mm x 400mm</td>
<td>Bridge</td>
<td>2,700 stitches/min</td>
<td>0.25mm - 2.0mm</td>
<td>SF</td>
<td>○</td>
<td>○</td>
<td>Honey, Sheer, Wire</td>
</tr>
</tbody>
</table>

*What needs could be improved

BAS-365H
**DA-927A DA-928A**

Double Chain Stitch Sewing Machine

<table>
<thead>
<tr>
<th></th>
<th>Stitch</th>
<th>No. of needles</th>
<th>Max. sewing speed</th>
<th>Max. stitch length</th>
<th>Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>DA-927A</td>
<td>Double chain stitch</td>
<td>2</td>
<td>4,000st/min</td>
<td>3.5mm / 3.5mm</td>
<td>Light/Medium</td>
</tr>
<tr>
<td>DA-928A</td>
<td>Double chain stitch</td>
<td>2</td>
<td>4,000st/min</td>
<td>4.2mm</td>
<td>Heavy/Extra heavy</td>
</tr>
</tbody>
</table>

**DA-927A**

Twin Needle Feed Off the Arm Double Chain Stitcher
- Sew attractive balloon stitches onto thin materials without puckering

**DA-928A**

Twin Needle / Three Needle Feed Off the Arm Double Chain Stitcher
- A tractor-type presser foot can be used to easily ride over thick sections

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**PS-300B**

Software

**PS-300B**

Sewing Data Programming Software
- 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

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**Brother GT/ISM Support App**

It provides you the latest support information

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INDUSTRIAL SEWING MACHINES BUSINESS GLOBAL NETWORK

Brother offers products and services that meet the needs of customers all over the world through our global network

Japan
Group Headquarters
BROTHER INDUSTRIES, LTD.

Asia / Oceania
Manufacturing Facilities
BROTHER MACHINERY XIAN CO., LTD.
BROTHER MACHINERY VIETNAM CO., LTD.

Sales / Service Facilities
BROTHER MACHINERY SHANGHAI LTD.
Shanghai, Beijing, Shenzhen, Dalian, Hengzhou, Ningbo, Chengzhou, Wenzhou, Dongguan, Fujian, Wuhan, Hotel, Zhengzhou

BROTHER MACHINERY (ASIA) LIMITED
(Hong Kong)

BROTHER INTERNATIONAL (VIETNAM) CO., LTD.
(Ho Chi Minh, Hanoi, Da Nang)

BROTHER (ASIA) MYANMAR MACHINERY SERVICE CENTER LTD.
(Yangon)

BROTHER INTERNATIONAL SINGAPORE PTE LTD.
(Singapore, Dhaka, Chittagong)

PT. BROTHER INTERNATIONAL SALES INDONESIA
(Jakarta)

BROTHER INTERNATIONAL (INDIA) PVT. LTD.
(Delhi, Bangalore, Chennai, Kolkata, Mumbai)

The Americas
Sales / Service Facilities
BROTHER INTERNATIONAL CORPORATION
(New Jersey, Tennessee)

BROTHER INTERNATIONAL DE CHILE LTDA.
BROTHER INTERNATIONAL CORPORATION ARGENTINA S.R.L.

Europe / Middle East / Africa
Sales / Service Facilities
BROTHER INTERNATIONALE INDUSTRIEMASCHINEN G.m.b.H.
BROTHER INTERNATIONALE INDUSTRIEMASCHINEN G.m.b.H. (Italian Branch)