

BAS-311HN

150mm x 100mm

BAS-326H

220mm x 100mm

BAS-341H

250mm x 160mm

BAS-342H

300mm x 200mm

**Direct Drive Programmable Electronic Pattern Sewer
with Cylinder Bed**

The machines provide the highest quality sewing exactly the way it is programmed even at high speed sewing with maximum performance according to each sewing area.

With the high functional LCD touch panel that offers easy programming, the preparation time can be reduced.



NEXIO

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 delivering 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.

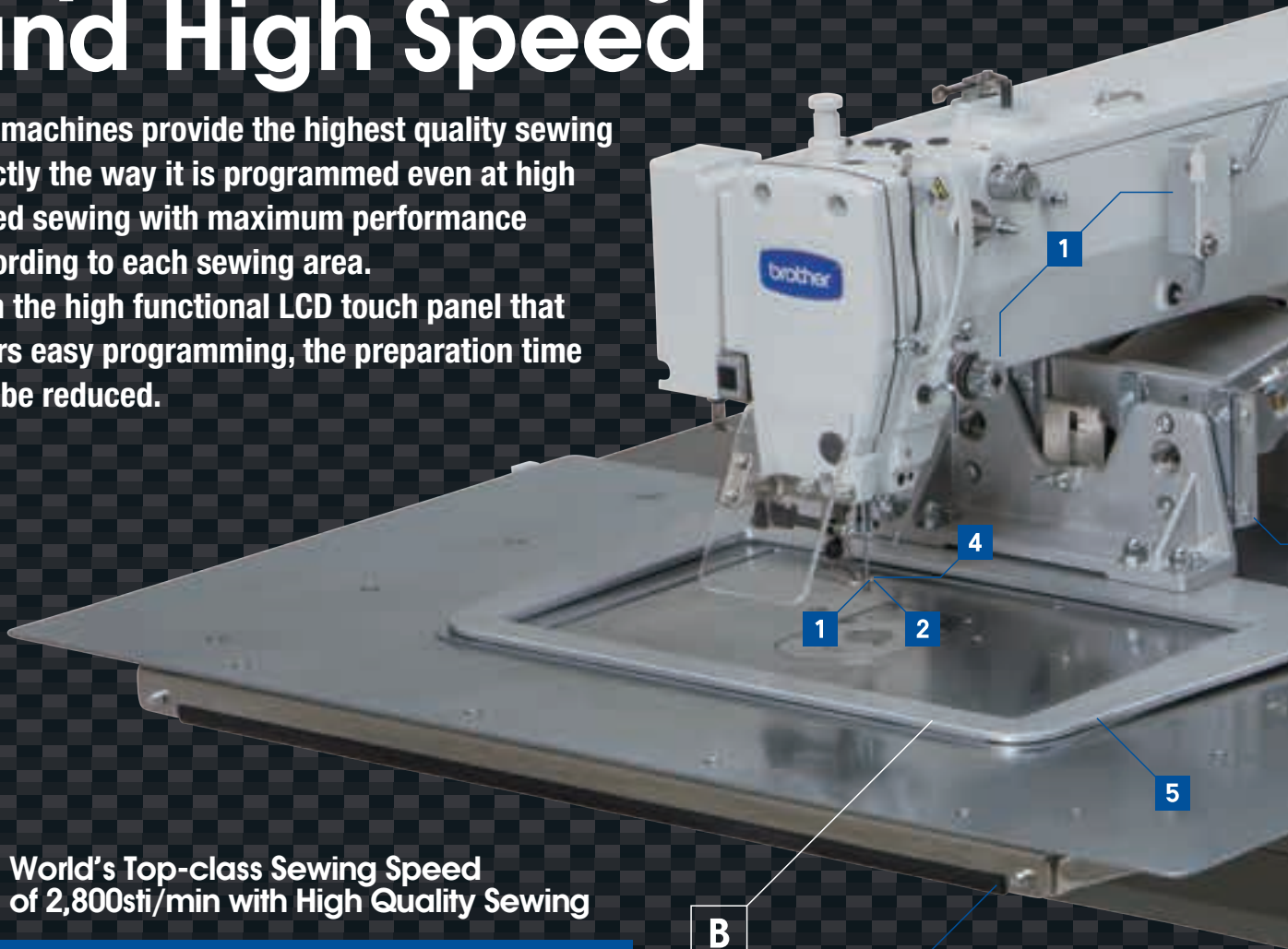
This new brand name is derived from the words “Next” and “Society,” combining our vision to drive a new era of industry change with continual dedication to innovative product development, as well as our continued company commitment to forging strong customer relationships by being “At your side.”

NEXIO

Superior Quality and High Speed

The machines provide the highest quality sewing exactly the way it is programmed even at high speed sewing with maximum performance according to each sewing area.

With the high functional LCD touch panel that offers easy programming, the preparation time can be reduced.



1 World's Top-class Sewing Speed of 2,800sti/min with High Quality Sewing

High-rigid feeding commands beautiful stitching even at high-speed sewing

Higher rigid feed mechanism was adopted while achieving the world's top-class sewing speed of 2,800sti/min.

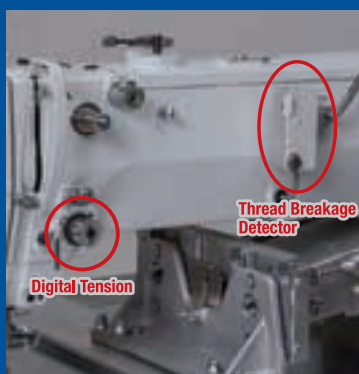
With its accurate stitch point, the machine can perform beautiful stitching with stable thread tightening.



Sewing speed:2,800sti/min, stitch length: 4mm

Digital Tension* and Thread Breakage Detector as Standard Equipment

The upper thread tension can be digitalized with the Digital Tension, providing stable stitching. No more relying on individual feel. When thread breakage is detected, sewing operation is stopped automatically and a warning is given to the operator, leading to the less detectives.



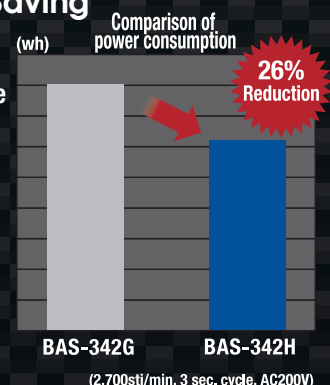
*Seabelt specifications is not included.

2 Great Needle Penetration

Powerful motor (550W) outputs large amounts of torque even at slow speeds so that strong needle penetration force can be obtained. If the needle penetration resistance increases, vibration control (intermittent impact) automatically increases the penetration force.

3 High Energy Saving

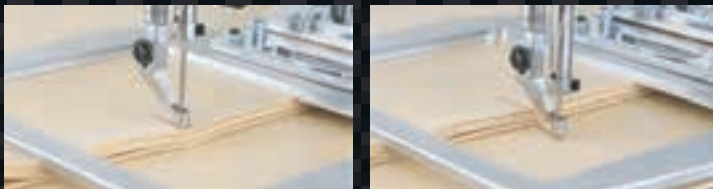
This machine is the most energy-saving programmable electronic pattern sewing machine among in its class, while realizing high-speed sewing and strong needle penetration force.





4 Uniform and Stable Thread Tightness

It realized stable thread tightening at low tension sewing. Excessive or insufficient pressing by the stepping foot can be prevented, enabling a finish with uniform thread tightening.



5 Easy and Accurate Positioning of Materials

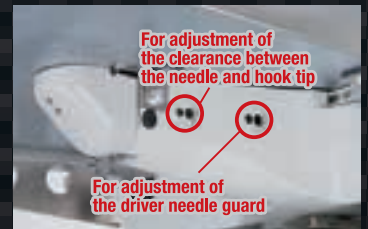
You can select a desired work clamp lowering operation from two patterns by changing the memory switch settings (Two-step lowering or One-step lowering). (BAS-341H/342H only)



6 Simple Adjustment

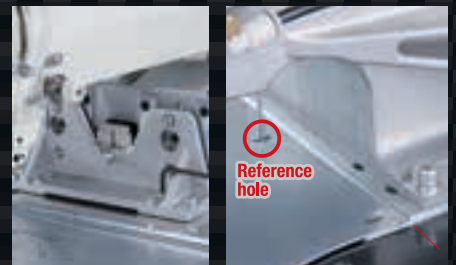
The driver can be adjusted from the side without tilting the sewing machine. This reduces time taken for adjustment and improves productivity when materials are changed.

*Photo is for BAS-342H



7 Simple and Easy Sewing Pattern Change

The work clamp can be replaced quickly by loosening the two screws (BAS-311HV/326H), and four screws (BAS-341H/342H). When replacing the feed plate, align the reference holes of the needle plate and the feed plate.



A

Best User Experience with LCD Touch Panel

7-inch large screen and easy programming functions via LCD touch panel enable an intuitive operation. It is easily understood without the instruction manual or previous experience in fewer steps.

Stylus pen is standard equ

Sewing Pattern Outline Edit

The outline of the sewing pattern can be adjusted, enhancing the program editing.

Jog Key (Brother Only)

Direction can be controlled by the jog key. You can feel the touching it so it is useful when creating the programs and adjusting the needle position while checking the needle point.



Program Creating

Program creation can be available easily with illustration icons.



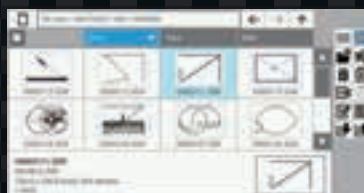
Program Selection

The information regarding the program is seen at one screen. The setting change is available on it.



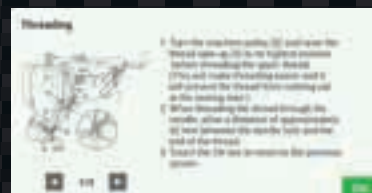
File Selection

The preview of the program can be seen on the panel.



Manual Display

The mistakable preparations such as Threading the upper thread, Winding the lower thread can be checked on the panel.



Equipment

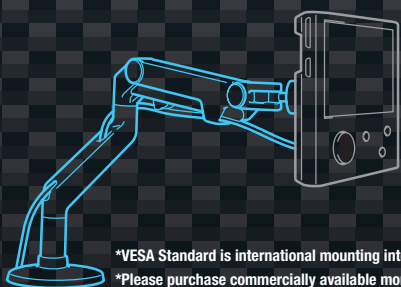
Multimedia Support

Supporting the SD card (1 slot), USB port (2 ports). An expansion port is also supported, enabling to connect with a bar code reader etc.



Compliant with VESA Standards (Brother Only)

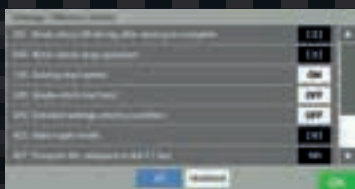
The LCD touch panel is compliant with the VESA standards, enabling to attach to any articulating monitor arm.



*VESA Standard is international mounting interface standard.
*Please purchase commercially available monitor arms.

Memory Switch Settings

The detail of Memory switch settings can be checked on the panel without the manuals.



Error Message Display

When an error occurs, the error message and solution are displayed on the panel, helping reduce the downtime.



B

BAS lineups for your various types of sewing applications



BAS-311HN
150mm x 100mm



BAS-326H
220mm x 100mm



BAS-341H
250mm x 160mm



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300mm x 200mm



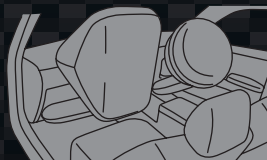
Labels



Bags



Shoes



Airbags (inflator etc)



Jeans pocket

Specifications/

BAS-311HN-0 ■ ■ BAS-326H-0 ■ A BAS-341H-05A BAS-342H-05A

| Application | Work clamp | Application | Work clamp | Application | Work clamp | Application | Work clamp |
|--------------------|---------------------------|--------------------|------------------------|-------------------|------------------------|-------------------|------------------------|
| 3 Medium materials | S Motor-driven work clamp | 3 Medium materials | A Pneumatic work clamp | 5 Heavy materials | A Pneumatic work clamp | 5 Heavy materials | A Pneumatic work clamp |
| 5 Heavy materials | A Pneumatic work clamp | 5 Heavy materials | | | | | |
| 7 Seat belt | | 7 Seat belt | | | | | |

| | BAS-311HN | BAS-326H | BAS-341H | BAS-342H |
|---------------------------------|--|---------------------|--|--|
| Stitch form | Single needle lock stitch | | | |
| Max. sewing speed | 2,800sti/min*1 | | | |
| Max. sewing area | 150 x 100mm | 220 x 100mm | 250 x 160mm | 300 x 200mm |
| Feed mechanism | intermittent feed (pulse motor drive) | | | |
| Stitch length | 0.05-12.7mm (per 0.05mm) | | | |
| Max number of stitches | 20,000 stitches (per program) | | | |
| Max. number of programs | 999 | | | |
| work clamp drive | -S: Pulse motor drive -A: Pneumatic drive | | Pneumatic drive | |
| Work clamp lift amount | -S: Max. 25mm -A: Max. 30mm | | Max. 30mm | |
| 2-step work clamp | -S: Integrated-type work clamp -A: separate-type work clamp | Seperate work clamp | Unit work clamp | |
| Height of stepping presser foot | 22mm | | | |
| Stepping presser foot stroke | 2-4.5mm, 4.5mm-10mm or 0(Default setting: 3mm) | | | |
| Hook | Double-capacity shuttle hook | | | |
| Thread wiper | Standard equipment | | | |
| Thread trimmer | Standard equipment | | | |
| Digital tension | Standard equipment (excluding the seat belt specification) | | | |
| Thread breakage detector | Standard equipment | | | |
| Data storage media | Internal flash memory(Data addition is available with external memory) | | | |
| Motor | AC servo motor 500W | | | |
| Weight | Machine head: Approx. 88kg Control box: Approx. 9kg | | Machine head: Approx. 166kg Control box: Approx. 18kg | Machine head: Approx. 174kg Control box: Approx. 18kg |
| Power | Single phase 100V/200V 3-phase 200V/220V/380V/400V | | Single phase 200V 3-phase 200V/220V/380V/400V | |
| Air pressure /Consumption | | | 0.5MPa 1.8 l/min | |

Optional parts/

- Needle cooler<SA5559101>*2
- Inner clamping device(BAS-311HN/326H only)<SA7189101>*2
- Automatic ejector(BAS-341H/342H only)<SA9147001>
- 2-step thread tension device<SA7197101>
- Option manifold 5 set<SA7500001>
- Optional solenoid valve set<SA7171001>

Peripheral equipment/

- Sewing data programming software PS-300B



*1 The stitch length is 4mm or below (BAS-311HN/326H) , 3.5mm or below(BAS-341H/342H).

*2 This device requires the option manifold 5 set and optional solenoid valve set.

**RoHS
Compliant**

BAS-311HN/BAS-326H/341H/342H are compliant with the RoHS Directive(the restriction of the use of certain hazardous substances in electrical and electronic equipment) which came into effect in the EU in July 2006.



Brother has established voluntary environmental standards for products and created the "Brother Green Label". BAS-311HN/BAS-326H/341H/342H are certified as an environment-conscious sewing machine according to the "Brother Green Label" standard.



Please read instruction manual before using the machine for safety operation.
-Product specifications are subject to change for improvement without notice.
-Photographs are for illustration purpose. They may not represent actual operating conditions and may display optional parts.

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brother

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