

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.”

Specifications/

BAS-311HX-0 ■ ■ ■ BAS-326HX-0 ■ ■ A BAS-341HX-05A BAS-342HX-05A

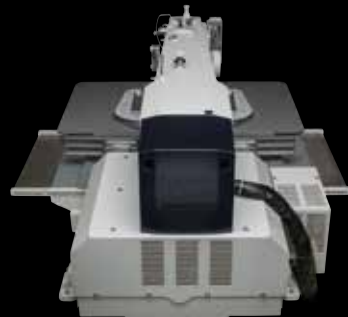
Application		Work clamp		Application		Work clamp		Application		Work clamp	
S	Medium materials	S	Motor-driven work clamp	S	Medium materials	A	Pneumatic work clamp	S	Heavy materials	A	Pneumatic work clamp
S	Heavy materials	A	Pneumatic work clamp	S	Heavy materials			S	Heavy materials	A	Pneumatic work clamp
			BAS-311HX		BAS-326HX		BAS-341HX		BAS-342HX		
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		Separate 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								
Thread breakage detector			Standard equipment								
Data storage media			Internal flash memory(Data addition is available with external memory)								
Motor			AC servo motor 550W								
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 220V 3-phase 200V/220V/380V/400V				
Air pressure /Consumption			0.5MPa 1.8 l/min								

Optional parts/

- *Needle cooler<SA559101>*2
- *Inner clamping device(BAS-311HX/326HX only)<SA7189101>*2
- *Automatic ejector(BAS-341HX/342HX 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-311HX/326HX) , 3.5mm or below(BAS-341HX/342HX).
*2 This device requires the option manifold 5 set and optional solenoid valve set.

Facebook



RoHS Compliant

BAS-311HX/326HX/341HX/342HX is 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.

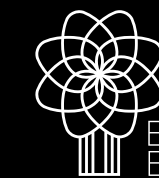


Brother has established voluntary environmental standards for products and created the “Brother Green Label”. BAS-311HX/326HX/341HX/342HX is certified as an environment-conscious sewing machine according to the “Brother Green Label” standard.

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.



Working with you for a better environment
www.brotherearth.com

CHINA
ASIA
EUROPE **AFRICA, MIDDLE EAST**
AMERICAS

BROTHER MACHINERY SHANGHAI LTD.
BROTHER MACHINERY (ASIA) LTD.
BROTHER INTERNATIONALE INDUSTRIEMASCHINEN GmbH
BROTHER INTERNATIONAL CORPORATION

<https://www.brother.cn/>
<https://www.brother.com.hk/>
<https://www.brother-ism.com/>
<https://www.brother-usa.com/>

+86-21-3135-3355
+852-2777-0010
+49-2822-6090
+1-908-704-1700

brother

BROTHER INDUSTRIES, LTD.

1-5, Kitajizoyama, Noda-cho, Kariya-shi, Aichi 448-0803, Japan.
Phone: 81-566-95-0088 Fax: 81-566-25-3721 <https://industrialsewingmachine.global.brother/>

brother
at your side

BAS-311HX
150mm x 100mm

BAS-341HX
250mm x 160mm

BAS-326HX
220mm x 100mm

BAS-342HX
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

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

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

2 New Digital Tension Allows for A Wide Variety of Threads

Various sizes of sewing threads can be used by the new digital tension which increases the setting range of the upper thread tension by 1.7 times compared to conventional machines.

3 Reduction of Disposition of Thread Ends

Renewed thread trimmer cuts the thread, realizing short remaining threads. The disposition of thread ends after sewing will be able to reduced.

▶

Conventional Model BAS-342HX

4 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.

5 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.

Comparison of power consumption

BAS-342G BAS-342HX
(2,700sti/min, 3 sec. cycle, AC200V)

26% Reduction

6 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.

7 Easy Replacement of Presser and Feed Plate

The work clamp can be replaced quickly by loosening the two screws(BAS-311HX/326HX), and four screws (BAS-341HX/342HX). 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.

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.

Stylus pen is standard equipment

Program Creating
Program creation can be available easily with illustration icons.

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

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.

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

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

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-311HX
150mm x 100mm

BAS-326HX
220mm x 100mm

BAS-341HX
250mm x 160mm

BAS-342HX
300mm x 200mm

Labels Bags

Shoes Airbags (inflator etc) Jeans pocket