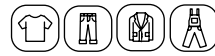


Product range



Overlock Machines



Single Needle



Unison Feed Series

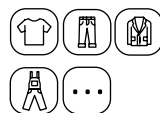


QR-Code leads to our website.

QR-Codes on the following pages lead to the official leaflets or videos for each machine.



Twin Needle



Zig Zag



Feed off the arm



Pictogramm legend:

Apparel:



Shirts



Jeans



Classical wear



Workwear

Non-Apparel:



Leather Goods



Upholstery

Automotive:



Interior/Car seats



Airbag



Seatbelt

Others:

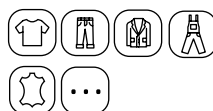


Others

Product range



Bar-Tack Machines



Button Attaching Machines



Eyelet Buttonhole



Straight Buttonhole

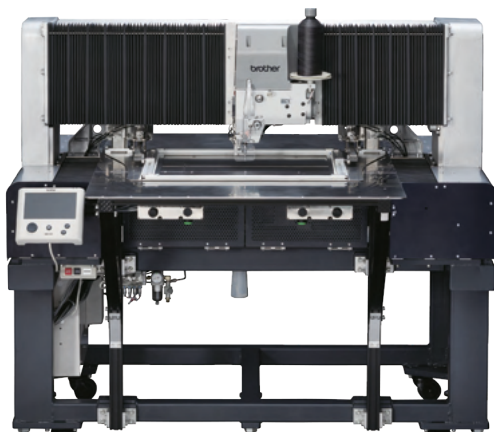


QR-Code leads to our website.

QR-Codes on the following pages lead to the official leaflets or videos for each machine.



Automated Sewing BAS Standard



Automated Sewing BAS Bridge Type



Bonding



Pictogramm legend:

Apparel:



Shirts



Jeans



Classical wear



Workwear

Non-Apparel:



Leather Goods



Upholstery

Automotive:



Interior/Car seats



Airbag



Seatbelt

Others:



Others

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Bridge Type programmable electronic pattern sewer
with head lifting function
800mm x 700mm

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Innovative seam construction "ISC" without sewing

* Other sizes available on request

About Brother

Brother is a Japanese company, whose profile comprises a diversity of electronic, industrial as well as domestic appliances, and is one of the world's leaders in the production of Industrial Sewing Machines and Printing. For the sale and promotion, Brother has subsidiaries all over the world. The industrial sewing machine tradition looks back upon 100 years' experience, and represents a considerable percentage of Brother's turnover. Brother headquarters for Industrial products like sewing machines and garment printer, in Europe, Africa and Middle East is located in Emmerich, Germany. Including our Branch office in Bologna (Italy) we are overall more than 70 employees, consisting of technicians, warehouse logistics staff, sales specialists, order processing specialists, marketing specialists and many more.



Brother at your side

At the same time the Emmerich location is the Spare Parts Centre for all Europe and it stores more than 10.000 machine spare parts. Customer deliveries are processed daily under "Quick-Response-Philosophy". Everywhere we are present, be it in clothing, in the automotive industry with airbags and safety belts, in bags and suitcases, in safety protection and environment, in the medicinal and biological areas and in the digital printing market. These are only a few areas, but it is important to stress our message "Brother at your side", which we practise every day, and our highest motto with this is customer satisfaction. The most important conditions next to our quality as a business partner, are the world-wide accepted Brother Quality products and the good service and local consultation structure.

Committed to people and the planet

As a reliable employer, the trading company also takes its social responsibility very serious. The slogan "At your side" documents the committed, responsible and cooperative attitude during all business decisions, also towards the environment. At Brother in Emmerich as the whole Brother Group we feel that it is our duty to do whatever we can to protect and preserve our environment. For this reason we are ISO 14001 certified and make sure that our Brother products are compliant to RoHS "Restriction of the use of certain hazardous substances in electrical and electronic equipment". This means that Brother Products are in line with EU regulation 2002/95/EG. With all new developments of Brother Industrial machines we always aim to lower the energy consumption of our machines, but not losing the known Quality performance.

Innovation through tradition

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.



Nexio

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." 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."

Brother History

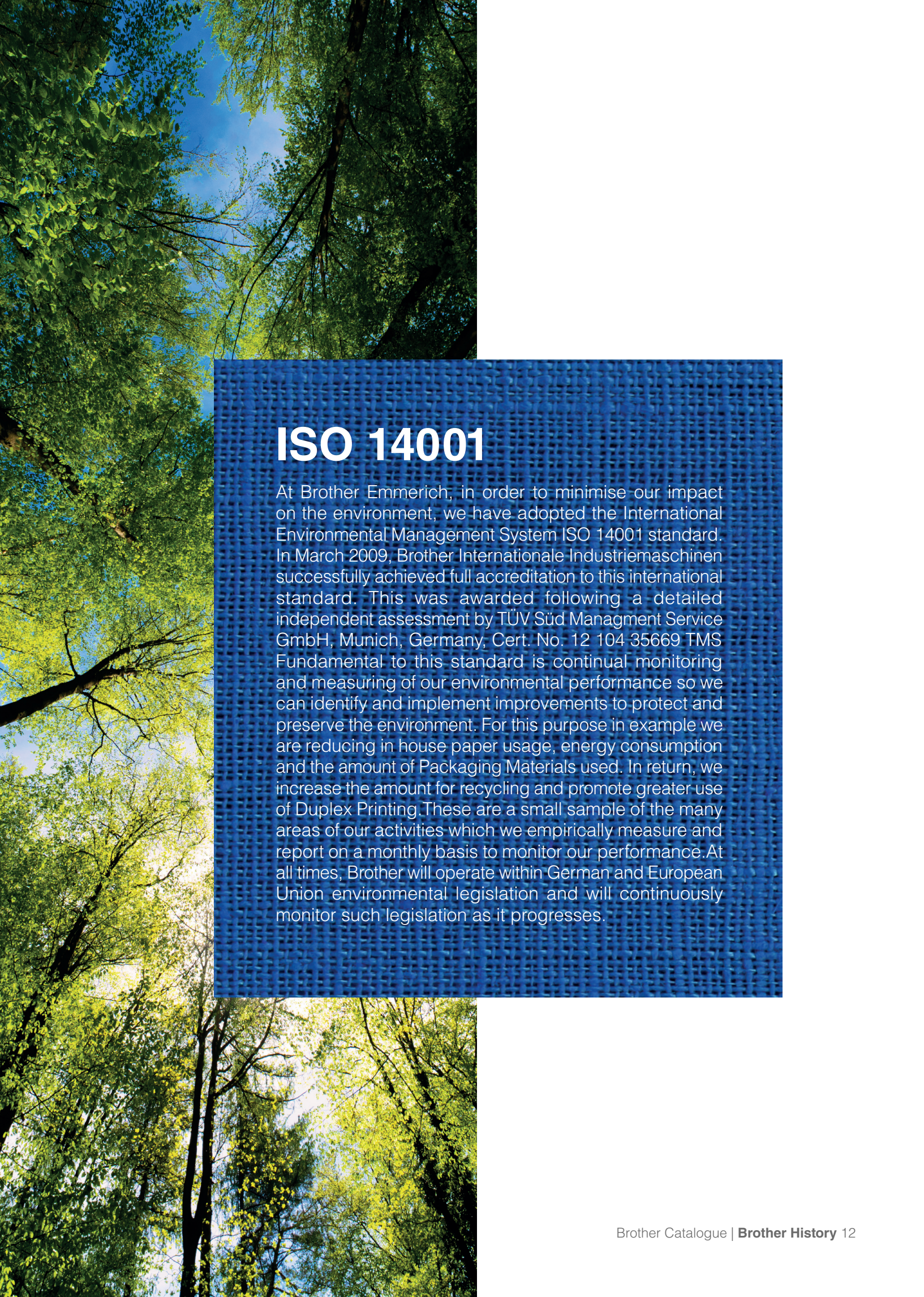
Brother Internationale Industriemaschinen GmbH is a daughter company of Brother Industries Ltd., Nagoya/Japan and is responsible for the sales areas Europe, Africa and Middle East. As part of the global Brother Group, we have the obligation to realise the environment guidelines fixed by Japan for the total company business. According to the overall Brother Group philosophy, we will continue to develop and improve our environmental performance - in the interest and welfare of the general public. Environmental management is an essential part of our business decision making process and we strive to make continuous improvements to protect and preserve the environment. The environmental policy of our business is an equivalent and consistent component of the total business politics and strategy.

Environmental Protection in Every Step

In order to further diminish our impact on the environment, Brother Internationale Industriemaschinen GmbH has adopted the company-wide Environmental Management system, which corresponds to the norms of ISO 14001. Within this framework we will continuously evaluate and improve our environmental performance, and by applying Brother's own 5R concept we will promote the environment activities in our business as well as in cooperation with our trade partners. Brother Internationale Industriemaschinen GmbH does not manufacture products, but is more and more involved in product development and product specification. In this way we take influence, that the products as well as the packing materials are recyclable, and that these correspond to the respective environmental laws and standards. We continue to monitor the compliance of EU laws and guidelines.

Working Together for a Greener Future

Brother Internationale Industriemaschinen GmbH is a daughter company of Brother Industries Ltd., Nagoya/Japan and is responsible for the sales areas Europe, Africa and Middle East. As part of the global Brother Group, we have the obligation to realise the environment guidelines fixed by Japan for the total company business. According to the overall Brother Group philosophy, we will continue to develop and improve our environmental performance - in the interest and welfare of the general public. Environmental management is an essential part of our business decision making process and we strive to make continuous improvements to protect and preserve the environment. The environmental policy of our business is an equivalent and consistent component of the total business politics and strategy.



ISO 14001

At Brother Emmerich, in order to minimise our impact on the environment, we have adopted the International Environmental Management System ISO 14001 standard. In March 2009, Brother Internationale Industriemaschinen successfully achieved full accreditation to this international standard. This was awarded following a detailed independent assessment by TÜV Süd Management Service GmbH, Munich, Germany; Cert. No. 12 104 35669 TMS. Fundamental to this standard is continual monitoring and measuring of our environmental performance so we can identify and implement improvements to protect and preserve the environment. For this purpose in example we are reducing in house paper usage, energy consumption and the amount of Packaging Materials used. In return, we increase the amount for recycling and promote greater use of Duplex Printing. These are a small sample of the many areas of our activities which we empirically measure and report on a monthly basis to monitor our performance. At all times, Brother will operate within German and European Union environmental legislation and will continuously monitor such legislation as it progresses.

IoT Internet of Things

Easy to start and easy to expand Brother's sewing machine IoT enables the low-cost operation with flexible system. So, you can start to connect from one single machine only. We utilize a signal from sewing machines and visualize a process of production on demand, real time. With Brother, you can introduce IoT services from one single machine. Thanks to cloud server, you can enjoy real-time production control anywhere you are.

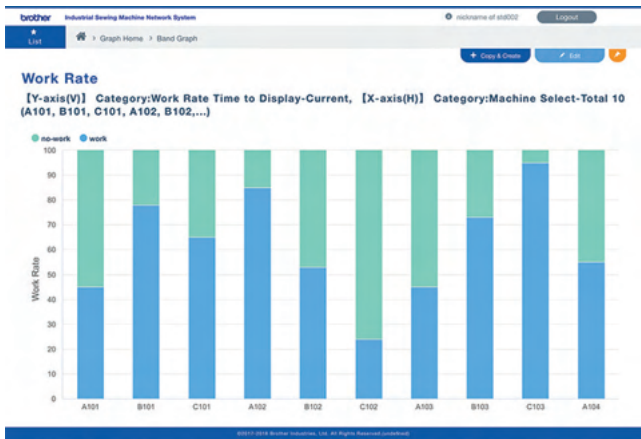
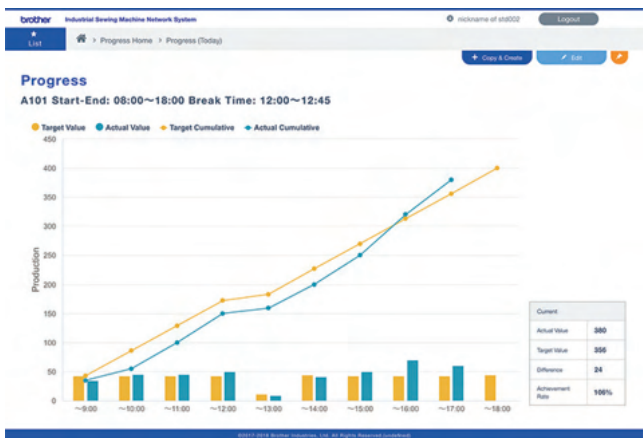


Production Progress

Brother Internationale Industriemaschinen GmbH is a daughter company of Brother Industries Ltd., Nagoya/Japan and is responsible for the sales areas Europe, Africa and Middle East. As part of the global Brother Group, we have the obligation to realise the environment guidelines fixed by Japan for the total company business. According to the overall Brother Group philosophy, we will continue to develop and improve our environmental performance - in the interest and welfare of the general public. Environmental management is an essential part of our business decision making process and we strive to make continuous improvements to protect and preserve the environment. The environmental policy of our business is an equivalent and consistent component of the total business politics and strategy.

Production Progress

You may count the output in real time.
The graphic display which has bar chart for target and result output, line chart for accumulation which enables you to understand any change in production and result of improvement.



Graphic Display

Versatile graphic chart helps you perform the production managements. Output comparison by each machines. You can compare the output from multiple sewing machine by bar chart, it helps you recognize the line balances and find a bottleneck point.

Real time

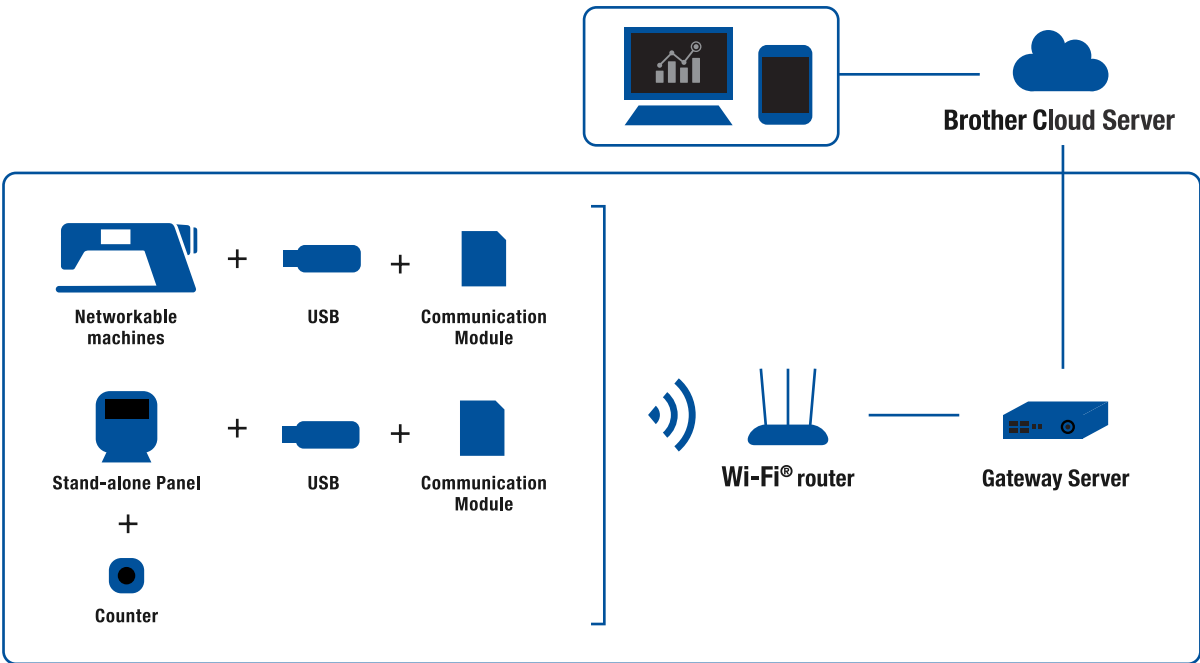
You can observe a production progresses in real time

Visualization

Graphic message support you understand what is happening in your production lines

Maintenances

You can control the conditions of sewing machines



Overlock

FB-N31A FB-N21A

Only available outside the EU



High speed overlook sewing machine

High productivity and easy-to-use chain stitch machine.

Electric presser foot lifter

Presser foot is automatically lifted/dropped after sensor detect material. It increases productivity.

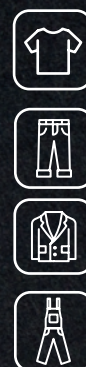
Automatic tape cutter

A thread chain and/or material after cut is sucked by air suction.

Model overview

	Fabric weight	Max. speed (sti/min)	No. of needles	No. of threads	Needle space	Overedge width	Stitch length	Diff feed ration	Presser foot lift	Needles
N21A-W020	Light / Medium	6,500	2	4	2 mm	4 mm	0.7 - 4.0 mm	0.7 - 1.7 mm	5.5 mm	DCx27 #11
N21A-W020P	Light / Medium	6,500	2	4	2 mm	4 mm	0.7 - 4.0 mm	0.7 - 1.7 mm	5.5 mm	DCx27 #11
N31A-5030	Medium / Heavy	6,000	2	5	5 mm	5 mm	0.7 - 4.0 mm	0.7 - 1.7 mm	5.5 mm	DCx27 #14
N31A-5030P	Medium / Heavy	6,000	2	5	5 mm	5 mm	0.7 - 4.0 mm	0.7 - 1.7 mm	5.5 mm	DCx27 #14
N31A-5050	Heavy	5,500	2	5	5 mm	6 mm	0.8 - 1.5 mm	0.8 - 1.5 mm	7.0 mm	DCx27 #19
N31A-5050P	Heavy	5,500	2	5	5 mm	6 mm	0.8 - 1.5 mm	0.8 - 1.5 mm	7.0 mm	DCx27 #19
N31A-6030	Medium / Heavy	6,000	3	6	3 + 2 mm	4 mm	0.7 - 4.0 mm	0.7 - 1.7 mm	5.5 mm	DCx27 #11
N31A-6030P	Medium / Heavy	6,000	3	6	3 + 2 mm	4 mm	0.7 - 4.0 mm	0.7 - 1.7 mm	5.5 mm	DCx27 #11

*Not for P-series



Optional

Lint Collector

A thread chain and / or material after cut is sucked by air suction.



Single Needle

S-7780A



Single needle direct drive lock stitcher with side cutter, electronic feeding system and thread trimmer

Sewing and cutting of fabric can be performed simultaneously, and the thread trimming function at the end of sewing contributes to improved productivity. Equipped with “DigiFlex Feed”, an electronic digital feed mechanism that has a reputation for high quality in the market.

Good response, comfortable sewing by the direct drive motor

Compared to conventional under-table servo motor control, the pulse motor control makes starting and stopping of sewing quicker. The direct drive mechanism provides reliability with the unique built-in direct drive motor developed by Brother.

Wide waste opening

This keeps the top of the work table clean at all times and lets the next operation proceed without concern. In addition, when not using the side cutter feature, the sewing machine can be used as a common, straight, lock stitcher by attaching a needle plate cover.

Model overview

	Application	Thread cutting	Side cutter	Feeding mechanism	Max. stitch length	Max. sewing speed	Cutting distances
S-7780A-503-32-32	Medium materials	○	○	Bottom feed	4mm	5,000 sti/min	3,2mm
S-7780A-503-32-64	Medium materials	○	○	Bottom feed	4mm	5,000 sti/min	6,4mm



Specifications

Touch panel	No
Lubrication type	Minimum lubrication
Presser foot height	Presser bar lifter: 5mm, Knee lifter: 13mm
Hand switches	One switch
Upper thread presser	Yes
Electronic feeding system	Yes
Max. thickness of the material to be cut	4mm
Quick back device	Standard equipment
Weight	37kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-230 V Max. electric power consumption 550VA



S-6280A



Single needle direct drive straight lock stitcher with thread trimmer and presser foot lifter

With direct drive motor, electric presser foot lifter, this machine offers beautiful sewing quality and high productivity.

LED light equipped as standard

Handy LED lights are equipped at the both side of the needle as a standard for better operation, and it prevents shadows on the garment.

High operability with 2 hand switches

You can assign the function to each switch with various combinations, and it enables your operator to use the machine efficiently.

Model overview

	Application	Thread cutting	Side cutter	Feeding mechanism	Max. stitch length	Max. sewing speed
S-6280A-813	Medium materials	○	—	Bottom feed	5mm	5,000 sti/min
S-6280A-815	Heavy materials	○	—	Bottom feed	5mm	4,000 sti/min



Specifications

Touch panel	No
Lubrication type	Open oil pan
Presser foot height	Knee lifter: 10~15mm / Automatic presser bar lifter: 12mm
Hand switches	Two switches
Upper thread presser	Yes
Electronic feeding system	No
Quick back device	Standard equipment
Weight	36kg
Machine head drive	Direct drive
Power	Single phase: 200V-240 V Max. electric power consumption 400VA



S-7180A



Single needle direct drive straight lock stitcher with thread trimmer, electronic feeding system and presser foot lifter

With direct drive motor, electric presser foot lifter and stitch length control, this machine offers beautiful sewing quality and high productivity.

Stitch length control on operation panel

It is possible to set the stitch length as a numerical value with this panel which has Easy-to-understand key layout and display. It helps to improve productivity.

Short remaining thread, (3.5mm) doesn't require after-cutting process

The double action thread trimming mechanism cuts the thread right under the needle hole, realizing the short remaining thread at minimum of 3.5mm. In addition, using the beautiful mode to enhances the beautiful sewing end.

Model overview

	Application	Thread cutting	Side cutter	Feeding mechanism	Max. stitch length	Max. sewing speed
S-7180A-813P	Medium materials	Short thread cutting	–	Bottom feed	5mm	5,000 sti/min
S-7180A-815P	Heavy materials	Short thread cutting	–	Bottom feed	5mm	4,000 sti/min



Specifications

Touch panel	No
Lubrication type	Sealed oil tank
Presser foot height	Knee lifter: 10~15mm / Automatic presser bar lifter: 12mm
Hand switches	Two switches
Upper thread presser	Yes
Electronic feeding system	Yes
Quick back device	Standard equipment
Weight	37kg
Machine head drive	Direct drive
Power	Single phase: 200V-240 V Max. electric power consumption 400VA



S-7190A



Single Needle direct drive straight lock stitcher with thread trimmer, electronic feeding system and presser foot lifter

With direct drive motor, presser foot lifter with electrical knee lifter and electrical stitch length control, this machine offers beautiful sewing quality and comfortable operation.

Short remaining thread doesn't require after-cutting process

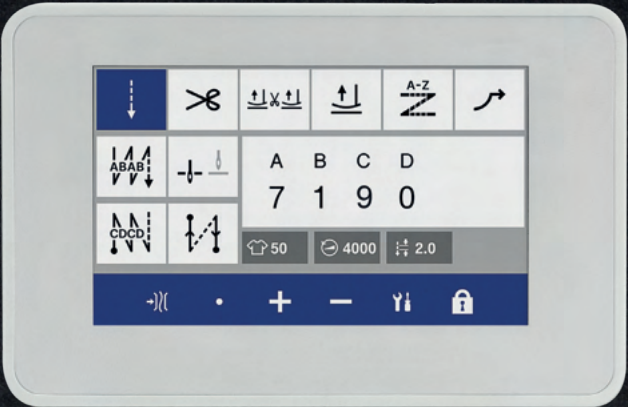
The double action thread trimming mechanism cut's the thread right under the needle hole, realizing the short remaining thread at minimum of 3.5mm. In addition, using the beautiful mode enhances the beautiful sewing end.

Auto-Footer Lifter and electrical knee lifter

The presser foot lifting mechanism and thread trimming mechanism have been motorized. It will help to reduce operator stress by less noise operation and the electronic knee lift.

Model overview

	Application	Max. sewing speed	Max. stitch length	Needle	Height of feed dog
S-7190A-913P	Medium materials	5,000sti/min	5mm	#11 - #18	0.9mm
S-7190A-915P	Heavy material	4,000sti/min	5mm*	#19 - #22	1.2mm



Specifications

Thread trimmer type	Double action thread trimming mechanism
Thread presser device	Standard equipment
Hand switch	Standard equipment
LED light	Standard equipment
Auto foot lifter	Standard equipment
Height of presser foot lifter	13mm
Motor	AC Servo motor
Weight	37kg
Power	Single-phase:200-240V Max. electric power consumption 400VA

*If you need 7mm specification, please contact our sales representative.



S-7192A



Single Needle direct drive straight lock stitcher with thread trimmer, electronic feeding system and presser foot lifter

With direct drive motor, presser foot lifter with electrical knee lifter and electrical stitch length control, this machine offers beautiful sewing quality and comfortable operation.

Short remaining thread doesn't require after-cutting process

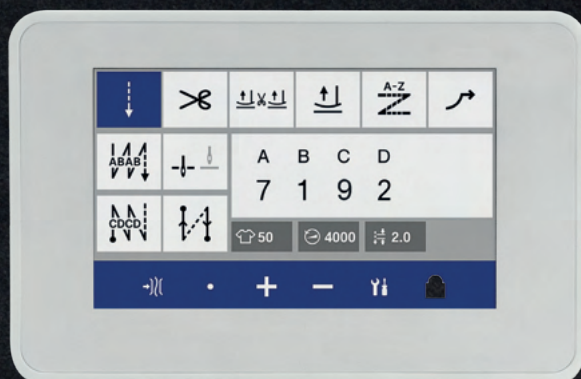
The double action thread trimming mechanism cut's the thread right under the needle hole, realizing the short remaining thread at minimum of 3.5mm. In addition, using the beautiful mode enhances the beautiful sewing end.

Auto-Foot Lifter and electrical knee lifter

The presser foot lifting mechanism and thread trimming mechanism have been motorized. It will help to reduce operator stress by less noise operation and the electronic knee lift.

Model overview

	Application	Max. sewing speed	Max. stitch length	Needle	Height of feed dog
S-7192A-913P	Medium materials	5,000sti/min	5mm	#11 - #18	0.9mm
S-7192A-915P	Heavy material	4,000sti/min	5mm*	#19 - #22	1.2mm



Specifications

Thread trimmer type	Double action thread trimming mechanism
Thread presser device	Standard equipment
Arm pocket size	Width: 311mm Height: 130.5mm
Hand switch	Standard equipment
LED light	Standard equipment
Auto foot lifter	Standard equipment
Height of presser foot lifter	13mm
Motor	AC Servo motor
Weight	42kg
Power	Single-phase:200-240V Max. electric power consumption 400VA

*If you need 7mm specification, please contact our sales representative.



S-7250A



Single needle direct drive lock stitcher with electronic feeding system and thread trimmer

Equipped the innovative DigiFlexFeed System for high productivity simple and easy-to-use standard lock stitch machine with selected functions, for example, reduces needle breakage, puckering and materials slippage with DFF, elimination of oil stains due to the adaption of the sealed type oil pan, productivity improvement management utilizing IoT.

Good response, comfortable sewing by the direct drive motor

Fabric can be feed at an appropriate timing so that needle won't break even during thick material sewing. Change from mechanical control to stepping motor control by equipped DFF. Compared to conventional mechanical control, the stepping motor

control makes the response of reverse sewing quicker and reduces needle breakage. Equipped with needle prevent breakage function while reverse sewing. Sensing needle position and controlling proper feed timing that prevent from unreasonable reverse sewing as needle breaks automatically.

Model overview

	Application	Thread cutting	Side cutter	Feeding mechanism	Max. stitch length	Max. sewing speed
S-7250A-703	Medium materials	Standard thread cutting	–	Bottom feed	5mm	5,000 sti/min
S-7250A-703P	Medium materials	Short thread cutting	–	Bottom feed	5mm	5,000 sti/min
S-7250A-705	Heavy materials	Standard thread cutting	–	Bottom feed	7mm	4,000 sti/min
S-7250A-705P	Heavy materials	Short thread cutting	–	Bottom feed	7mm	4,000 sti/min



Touch panel	No
Lubrication type	Minimum lubrication
Presser foot height	Knee lifter: 13mm / Automatic presser bar lifter: 6mm
Hand switches	Two switches
Upper thread presser	Optional available
Electronic feeding system	Yes
Quick back device	Standard equipment
Weight	35kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-230 V Max. electric power consumption 450VA



S-7300A



Single needle direct drive lock stitcher with electronic feeding system, thread trimmer and integrated presser foot lifter

The world's first lock stitch sewing machine which adopts the Electronic Feed Control directly connected with a stepping motor. Next-generation lock stitch machine, which establishes the new standard, has been born.

World's first digital feed control directly connected with a stepping motor

Horizontal feeding system is world's first computerized for single needle lock stitch sewing machine. The feed motion can be changed with one touch of a button to provide the best sewing quality for various materials.

Furthermore, the sewing stitch length can be digitalized, stabilizing the stitches.

Model overview

	Application	Thread cutting	Side cutter	Feeding mechanism	Max. stitch length	Max. sewing speed
S-7300A-903	Light-medium materials	Standard thread cutting	–	Bottom feed	5mm	5,000 sti/min
S-7300A-903P	Light-medium materials	Short thread cutting	–	Bottom feed	5mm	5,000 sti/min
S-7300A-933	Light-medium materials	Standard thread cutting	–	Bottom feed	5mm	5,000 sti/min
S-7300A-933P	Light-medium materials	Short thread cutting	–	Bottom feed	5mm	5,000 sti/min
S-7300A-905	Heavy materials	Standard thread cutting	–	Bottom feed	7mm	4,500 sti/min
S-7300A-905P	Heavy materials	Short thread cutting	–	Bottom feed	7mm	4,500 sti/min



Specifications

Touch panel	Yes
Lubrication type	Minimum lubrication / -933 semi-dry
Presser foot height	Knee lifter: 13mm / Automatic presser bar lifter: 6mm
Hand switches	Two switches
Upper thread presser	Yes
Electronic feeding system	Yes
Quick back device	Standard equipment
Weight	34,5kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-230 V Max. electric power consumption 450VA



S-7300B



Single Needle direct drive lock stitcher with electronic feeding system, presser foot lifter and thread trimmer

High durability sewing machine stand up to long-term use, improve productivity, and minimize energy consumption with an environmentally friendly design. Improve the efficiency and quality of the entire factory and take your factory to the next level.

Smooth fabric feeding

We adopted the control circuit board design which has been proven effective in other models and strengthened the ability to cope with the voltage fluctuations. In addition, vibration resistance is improved, and you can use it safely in various environments.

Reduce needle breakage

By controlling the feed motion, optimize the timing of the fabric feed. The fabric can be feed at the right timing to prevent needle breakage even when sewing thick fabrics. The response of the reverse stitch is also faster, reducing needle breakage.

Model overview

	Application	Lubrication type	Max. sewing speed	Trimming mechanism	Max. stitch length
S-7300B-933P	Medium materials	Semi-dry	5,000sti/min	Double action trimming mechanism	5mm
S-7300B-903P	Medium materials	Minimum Lubrication	5,000sti/min	Double action trimming mechanism	5mm
S-7300B-905P	Heavy materials	Minimum Lubrication	4,500sti/min	Double action trimming mechanism	Max. 7mm (5mm standard)



Specifications

Pressure foot lifting	-9xx Spec: Digital Foot Lifter
Pressure foot height	13mm
Presser foot height	Knee lifter: 16mm / Automatic presser bar lifter: 6mm
Operation space	310mm (needle to machine arm)
Weight	-9xxSpec: 39.5kg -6xxSpec: 38.0kg
Motor	AC servo motor
Power	Single-phase: 200-240V, 100-110V(*1) 420V

*1 The transformer is required.



S-7220D



Single Needle direct drive needle feed lock stitcher with thread trimmer and presser foot lifter

The needle feed lock stitcher is suitable for the sewing of slippery materials or sewing of multiple layers of material. It helps to prevent uneven material feeding to further meet the highest quality sewing standard while requiring less skill.

Enhanced electronic design

We adopted the control circuit board design which has been proven effective in other models and strengthened the ability to cope with the voltage fluctuations. In addition, vibration resistance is improved, and you can use it safely in various environments.

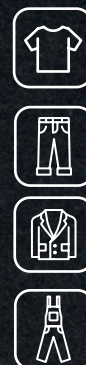
Needle breakage prevention function

When reverse stitching is carried out using the quick back switch on standard straight lock stitcher machines, needle breakage may occur. With thorough analysis of its cause, the function of preventing the needle breakage has been introduced.

Model overview

	Application	Thread cutting	Side cutter	Feeding mechanism	Max. stitch length	Max. sewing speed	Hook size
S-7220D-403	Medium materials	○	–	Bottom- and needle feed	4,5mm	5,000 sti/min	Standard
S-7220D-405	Heavy materials	○	–	Bottom- and needle feed	5,5mm	4,000 sti/min	Standard
S-7240D-405	Heavy materials	○	–	Bottom- and needle feed	5,5mm	4,000 sti/min	Large





Specifications

Touch panel	Yes
Lubrication type	Minimum lubrication
Presser foot height	Knee lifter: 16mm / Automatic presser bar lifter: 6mm
Hand switches	One switch
Upper thread presser	No
Electronic feeding system	No
Quick back device	Standard equipment
Weight	Head 46kg / Box 7,7kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-230 V Max. electric power consumption 500VA



Unison Feed

UF-8910



Single needle, direct drive, flat-bed, unison-feed machine with thread timer

Wide arm bed and digitized numerical management are standard. This is the new global standard of Brother's unison-feed sewing machines. Panels and buttons can be customized to the customer's needs for user-friendly operation.

Digitizing adjustment for enhanced sewing reproducibility

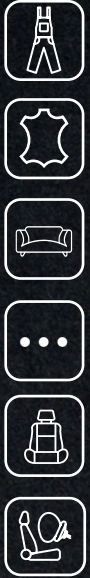
Thread tension, alternating presser foot movement, the presser bar pressure, feed pitch and the sewing speed can now be digitalized. Adjustments that used to depend on human senses can now be set numerically with more precision, and identical results on different machines. A upper thread holding device is equipped as standard, it can be set to maintain the upper thread in the back of the fabric at the beginning of sewing.

Large fabric is easy to handle due to its longer arm bed

The 400mm longer arm bed can easily handle large fabrics without stress. Two highly illuminated LED lights are installed to help improve the operator's work efficiency.

Model overview

	Application	Feeding mechanism	Max. sewing speed	Max. stitch length	Bobbin winder	Skip-stitch device
UF-8910-000 Standard	Heavy materials	Bottom feed, needle feed and walking foot	3,800 sti/min	9mm	–	–
UF-8910-001 Deluxe	Heavy materials	Bottom feed, needle feed and walking foot	3,800 sti/min	9mm	Electric	–
UF-8910-101 Premium	Heavy materials	Bottom feed, needle feed and walking foot	3,800 sti/min	9mm	Electric	Standard



Specifications

Touch panel	Yes
Presser bar pressure	75~125N
Presser foot height	20mm
Hand switches	Eight switches
Upper thread presser	Yes
Hook size	28mm
Needle bar stroke	40mm
Number of programs	15 programs (each program has 20 steps)
Number of patterns	9 ~ 50 patterns
Weight	Head 75kg / Box 10,5kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-240 V Max. electric power consumption 660VA



UF-8920



Twin needle, direct drive, flat-bed, unison-feed machine with thread timer

Wide arm bed and digitized numerical management are standard. This is the new global standard of Brother's unison-feed sewing machines. Panels and buttons can be customized to the customer's needs for user-friendly operation.

Digitizing adjustment for enhanced sewing reproducibility

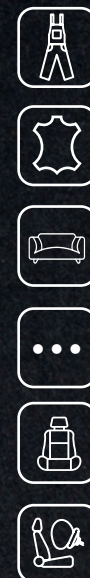
Thread tension, alternating presser foot movement, the presser bar pressure, feed pitch and the sewing speed can now be digitalized. Adjustments that used to depend on human senses can now be set numerically with more precision, and identical results on different machines. A upper thread holding device is equipped as standard, it can be set to maintain the upper thread in the back of the fabric at the beginning of sewing.

Large fabric is easy to handle due to its longer arm bed

The 400mm longer arm bed can easily handle large fabrics without stress. Two highly illuminated LED lights are installed to help improve the operator's work efficiency.

Model overview

	Application	Feeding mechanism	Max. sewing speed	Max. stitch length	Bobbin winder	Skip-stitch device
UF-8920-001 Deluxe	Heavy materials	Bottom feed, needle feed and walking foot	3,400 sti/min	9mm	Electric	–



Specifications

Touch panel	Yes
Presser bar pressure	75~125N
Presser foot height	20mm
Hand switches	Eight switches
Upper thread presser	Yes
Hook size	28mm
Needle bar stroke	40mm
Number of programs	15 programs (each program has 20 steps)
Number of patterns	9 ~ 50 patterns
Weight	Head 75kg / Box 10,5kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-240 V Max. electric power consumption 660VA



UF-8910-CB 101



Single needle direct drive cylinder-bed unison-feed with thread trimmer

Wide arm bed and digitized numerical management are standard. This is the new global standard of Brother's unison-feed sewing machines. Panels and buttons can be customized to the customer's needs for user-friendly operation.

Digitizing adjustment for enhanced sewing reproducibility

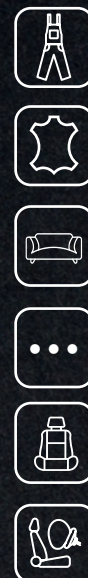
Thread tension, alternative presser foot movement, presser bar pressure, feed pitch, and sewing speed are electronically controlled and can now be set or adjusted digitally.

Large fabric is easy to handle due to its longer arm bed

The 400mm longer arm bed can easily handle large fabrics without stress. Two highly illuminated LED lights are installed to help improve the operator's work efficiency.

Model overview

	Application	Feeding mechanism	Max. sewing speed	Max. stitch length	Bobbin winder	Skip-stitch device
UF-8910CB-001 Premium	Heavy materials	Bottom feed, needle feed and walking foot	2,800 sti/min	9mm	Electric	–



Specifications

Touch panel	Yes
Presser bar pressure	75~125N
Presser foot height	20mm
Hand switches	Eight switches
Upper thread presser	Yes
Needle bar stroke	40mm
Number of programs	15 programs (each program has 20 steps)
Number of patterns	9 ~ 50 patterns
Weight	Head 75kg / Box 10,5kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-240 V Max. electric power consumption 660VA



UF-8920-PB 001



Twin needle direct drive post-bed unison-feed stitcher with thread trimmer

Wide arm bed and digitized numerical management are standard. This is the new global standard of Brother's unison-feed sewing machines. Panels and buttons can be customized to the customer's needs for user-friendly operation.

Digitizing adjustment for enhanced sewing reproducibility

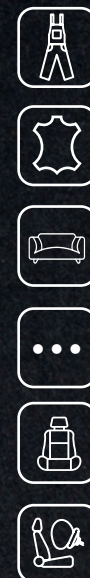
Thread tension, alternative presser foot movement, presser bar pressure, feed pitch, and sewing speed are electronically controlled and can now be set or adjusted digitally.

Large fabric is easy to handle due to its longer arm bed

The 400mm longer arm bed can easily handle large fabrics without stress. Two highly illuminated LED lights are installed to help improve the operator's work efficiency.

Model overview

	Application	Feeding mechanism	Max. sewing speed	Max. stitch length	Bobbin winder	Skip-stitch device
UF-8920PB-001 Deluxe	Heavy materials	Bottom feed, needle feed and walking foot	2,500 sti/min	9mm	Electric	–



Specifications

Touch panel	Yes
Presser bar pressure	75~125N
Presser foot height	20mm
Hand switches	Eight switches
Upper thread presser	Yes
Hook size	28mm
Needle bar stroke	40mm
Number of programs	15 programs (each program has 20 steps)
Number of patterns	9 ~ 50 patterns
Weight	Head 75kg / Box 10,5kg
Machine head drive	Direct drive
Power	Single phase: 110V / Single phase, 3-phase: 200V-240 V Max. electric power consumption 660VA



Twin Needle

T-8420C

T-8450C

T-8720C



Twin needle lock stitcher

A micro-adjustable type floating presser foot, which can be slightly lifted to set according to sewing materials, is equipped as standard. This device is ideal for controlling presser foot floating in materials that stretch easily and materials with long pile.

Prevents birds nests

Stabilized motor stop position at the time of thread trimming reduces the bobbin racing. This prevents the birds nest. It is a big advantage when sewing the light materials.

Easy Gauge part replacement

Cam adopted in the lateral position adjustment mechanism for the rotary hook base allows easy fine adjustments for clearance between needle and rotary hook point can easily be made, which greatly increases the efficiency of replacing gauge parts. Furthermore, a needle drop correction function (sideways) is provided, so that the needle drop position can still be adjusted to the center of the needle hole even if using commercially-available gauge parts.

Model overview

	Application	Feeding mechanism	Max. sewing speed	Max. stitch length	Needle bar	Hook size	Thread trimmer
T-8420C-003	Light materials	Bottom-, needle feed	4,000 sti/min	4mm	Fixed	Standard	–
T-8420C-005	Medium - heavy materials	Bottom-, needle feed	4,000 sti/min	5mm	Fixed	Standard	–
T-8450C-003	Light materials	Bottom-, needle feed	3,000 sti/min	5mm	Split	Standard	–
T-8720C-005	Medium - heavy materials	Bottom-, needle feed	3,000 sti/min	7mm	Fixed	Large	–



Specifications

Touch panel	No
Presser foot height	7mm
Hand switches	None
Thread wiper	No
Weight	43kg
Machine head drive	Belt driven
Power	Single-phase: 110V, 3-phase: 200V-230V Max. electric power consumption 500VA



T-8421D



Twin needle direct drive lock stitcher

Machine is equipped with Color LCD touch panel, which improves the usability. The needle breakage prevention function prevents the needle breakage when reverse stitching is carried out with the quick back switch. This contributes to the improvement of the operator's work efficiency.

Reliable sewing with strong needle penetration

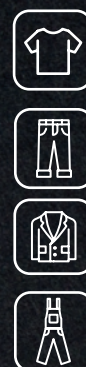
Powerful 550W motor outputs large amounts of torque even at slow speeds so that strong needle penetration force can be obtained. This allows accurate sewing of heavy materials and joints. If the needle penetration resistance increases when sewing heavy materials and materials with joints, vibration control (intermittent impact) automatically increases the penetration force.

Further progress based on reliability

Equipped with the Color LCD touch panel, the functionality becomes easier to use. The needle breakage prevention function which prevents the needle breakage when reverse stitching is carried out with the quick back switch. This contributes to the improvement of the operator's work efficiency.

Model overview

	Application	Feeding mechanism	Max. sewing speed	Max. stitch length	Needle bar	Hook size	Thread trimmer
T-8421D-T03	Light materials	Bottom-, needle feed	4,000 sti/min	4mm	Fixed	Standard	–



Specifications

Touch panel	Yes
Presser foot height	7mm
Hand switches	One switch
Thread wiper	None
Weight	Machine head: 47kg / Box: 7.7kg
Machine head drive	Direct drive
Power	Single-phase: 110V, 3-phase: 200V-230V Max. electric power consumption 500VA



T-8422D
T-8722D
T-8452D
T-8752D



Twin needle direct drive lock stitcher

Machine is equipped with Color LCD touch panel, which improves the useability. The needle breakage prevention function which prevents the needle breakage when reverse stitching is carried out with the quick back switch.

In-house development improves 5 control board reliability furthermore

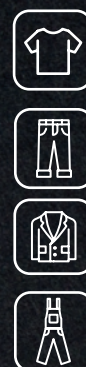
We adopted the control circuit board design which has been proven effective in other models and strengthened the ability to cope with the voltage fluctuations. In addition, vibration resistance is improved, and you can use it safely in various environments.

User- intuitive color LCD touch panel

The Color LCD touch panel display items with illustrated icons, offering easy user-intuitive operation.

Model overview

	Application	Feeding mechanism	Max. sewing speed	Max. stitch length	Needle bar	Hook size	Thread trimmer
T-8422D-S03	Light materials	Bottom-, needle feed	4,000 sti/min	4mm	Fixed	Standard	Straight knife
T-8422D-S05	Medium - heavy materials	Bottom-, needle feed	3,000 sti/min	5mm	Fixed	Standard	Straight knife
T-8722D-S05	Medium - heavy materials	Bottom-, needle feed	3,000 sti/min	7mm	Fixed	Large	Straight knife
T-8452D-S03	Light materials	Bottom-, needle feed	3,000 sti/min	5mm	Split	Standard	Straight knife
T-8452D-S05	Medium - heavy materials	Bottom-, needle feed	3,000 sti/min	5mm	Split	Standard	Straight knife
T-8752D-405	Medium - heavy materials	Bottom-, needle feed	3,000 sti/min	7mm	Split	Large	Arc knife
T-8752D-S05	Medium - heavy materials	Bottom-, needle feed	3,000 sti/min	7mm	Split	Large	Straight knife
T-8752D-S07	Heavy materials	Bottom-, needle feed	3,000 sti/min	7mm	Split	Large	Straight knife



Specifications

Touch panel	Yes
Presser foot height	7mm
Hand switches	One switch
Thread wiper	Yes
Weight	Machine head: 50.5kg / Box: 7.7kg
Machine head drive	Direct drive
Power	Single-phase: 110V, 3-phase: 200V-230V Max. electric power consumption 500VA



Zigzag

Z-8550B



Electronic direct drive Zigzag lock stitcher

Equipped with the color LCD touch panel, it becomes easy to set various sewing patterns with intuitive operation of the display. The servo motor control greatly improves the stitch pattern accuracy contributing to the improvement of sewing quality.

User-intuitive color LCD display touch panel

The color LCD display touch panel display items with illustration icons, offering easy user-intuitive operation. There are two types of operator panel display. Both the detailed home screen and quick home screen are easy to use without concern for panel operation. Productivity improvement with IoT capabilities. This model is IoT applicable. The visualization by connecting sewing machine and computer technology enables the customer to analyze, manage processes and speed up productivity improvement

and maintenance work. High sewing quality achieved by electronic control, the pulse motor control with servo control is adopted for the zigzag mechanism, The needle moves perpendicular to the material so that needle deflection or position slippage does not occur even at high speed sewing.

Model overview

	Application	Thread trimmer	Backtack / Condensed stitch device	Upper thread feeding device
Z-8550B-031	Light materials	–	–	–
Z-8550B-A31	Light materials	–	○	–



Specifications

Touch panel	Yes
Presser foot height	Manual 6mm, Knee lifter 10mm
Hand switches	One switch
Sewing speed	5,000 sti/min
Lubrication	Semi-dry
Max. zigzag width	10mm
Max. feed amount	4mm
Sewing pattern	8 types, 14 patterns built-in
Weight	Machine head: 44kg / Box: 8kg
Machine head drive	Direct drive
Power	Single-phase: 110V, 3-phase: 200V-230V Max. electric power consumption 400VA



Z-8560B



Electronic direct drive Zigzag lock stitcher with thread trimmer

Equipped with the color LCD touch panel, it becomes easy to set various sewing patterns with intuitive operation of the display. The servo motor control greatly improves the stitch pattern accuracy contributing to the improvement of sewing quality.

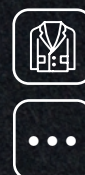
User-intuitive color LCD display touch panel

The color LCD display touch panel display items with illustration icons, offering easy user-intuitive operation. There are two types of operator panel display. Both the detailed home screen and quick home screen are easy to use without concern for panel operation. Productivity improvement with IoT capabilities. This model is IoT applicable. The visualization by connecting sewing machine and computer technology enables the customer to analyze, manage processes and speed up productivity improvement

and maintenance work. High sewing quality achieved by electronic control, the pulse motor control with servo control is adopted for the zigzag mechanism, The needle moves perpendicular to the material so that needle deflection or position slippage does not occur even at high speed sewing.

Model overview

	Application	Thread trimmer	Backtack / Condensed stitch device	Upper thread feeding device
Z-8560B-431	Light materials	○	○	○



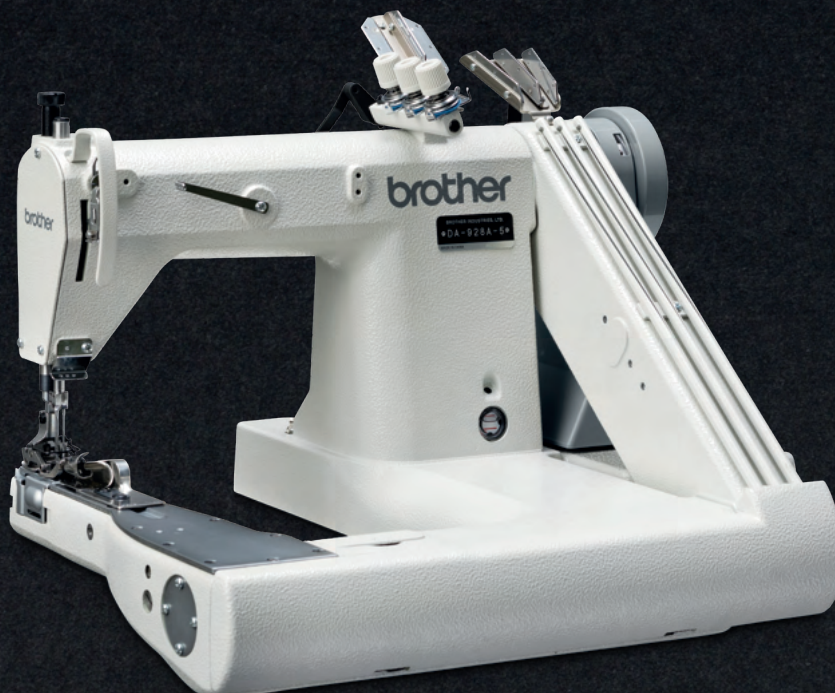
Specifications

Touch panel	Yes
Presser foot height	Manual 6mm, Knee lifter 10mm
Hand switches	One switch
Sewing speed	5,000 sti/min
Lubrication	Semi-dry
Max. zigzag width	10mm
Max. feed amount	4mm
Sewing pattern	8 types, 14 patterns built-in
Weight	Machine head: 49kg / Box: 8kg
Machine head drive	Direct drive
Power	Single-phase: 110V, 3-phase: 200V-230V Max. electric power consumption 400VA



Feed off the arm

DA-927A



Twin Needle feed off the arm double chain stitcher

Minimum lubrication system can be realizing clean sewing. Narrow cylinder bed feed off-the-arm double chain stitchers. Ideal for a wide range of materials from shirts to jeans. Clean sewing with minimum lubrication system, a new knife with highly safe shape, beautiful sewing finishes with new presser mechanism.

Minimum lubrication system can be realizing clean sewing

Minimum lubrication system supplies limited oil only to the needle bar and the upper shaft realizing clean sewing for your valued products.

Rubber puller

For better efficiency rubber puller are available.

Model overview

	Applications	Max. stitch length	Sewing speed	Number of needles	Needle distance
DA-927A-2	light-medium materials	3.8mm	4,000 sti/min	2	4,8mm
DA-927A-3	medium materials	3.8mm	4,000 sti/min	2	6,4mm

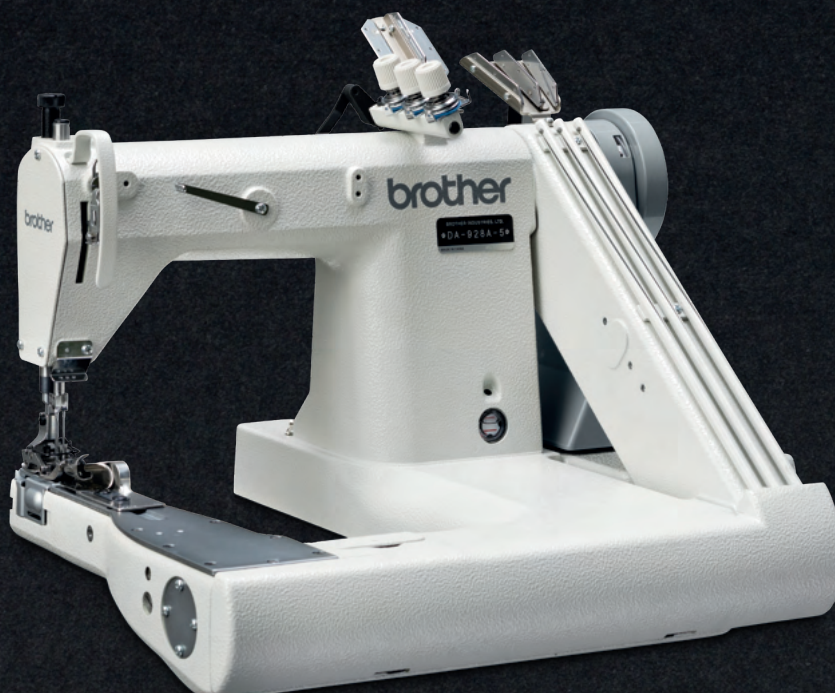


Specifications

Lubrication type	Minimum lubrication
Presser foot height	10mm
Optional available	Puller, Chain cutter, pneumatic foot lifter
Weight	49kg
Size	465mm x 500mm x 340mm
Outer perimeter of cylinder	171mm



DA-928A



Three Needle feed off the arm double chain stitcher

Minimum lubrication system can be realizing clean sewing. Narrow cylinder bed feed off-the-arm double chain stitchers. Ideal for a wide range of materials from shirts to jeans. Clean sewing with minimum lubrication system, a new knife with highly safe shape, beautiful sewing finishes with new presser mechanism.

A new knife with highly safe shape

Sewing work can be done safely with a new knife with highly safe shape.

Rubber puller

For better efficiency rubber puller are available.

Model overview

	Applications	Max. stitch length	Sewing speed	Number of needles	Needle distance
DA-928A-5	heavy materials	4.7mm	4,000 sti/min	3	6,4mm
DA-928A-7	extra heavy materials	4.7mm	4,000 sti/min	3	6,4mm



Specifications

Lubrication type	Minimum lubrication
Presser foot height	11mm
Optional available	Puller, Chain cutter, pneumatic foot lifter
Weight	49kg
Size	465mm x 500mm x 340mm
Outer perimeter of cylinder	171mm



Bar-Tack Machines

KE-430HX KE-430HS



Electronic direct drive lockstitch bar tacker

With the world’s top-class sewing speed and prevention of thread breakage the machines have increased productivity. It also has superior sewing quality, usability, and reduces maintenance cost. Productivity improvement by world’s fastest sewing speed and IoT, beautiful and highly-reproducible sewing quality, superior usability as everyone can use easily and reliably.

Productivity Improvement

Our NEXIO series are capable to be connected to our IoT system, which enables the customer to analyze, manage and process the production flow. New technologies, paired with mechanical optimization like our step motor driven short thread cutting system which works quiet and reliable, are making our KE/BE series to a state-of-the-art solution.

Color LCD touch panel

The touch panel offers a user-friendly interface, which makes it easy to set the sewing patterns, create cycle programs, adjust the sewing speed, or storing the upper thread tension in the user programs (HX-series only).

Model overview

	Application	Tension	Lubrication	Needle cooler
KE-430 HS-03	medium materials	Standard tension	minimum lubrication	–
KE-430 HS-05	heavy materials	Standard tension	minimum lubrication	–
KE-430 HX-03	medium materials	Digital tension	semi-dry	○
KE-430 HX-05	heavy materials	Digital tension	semi-dry	○



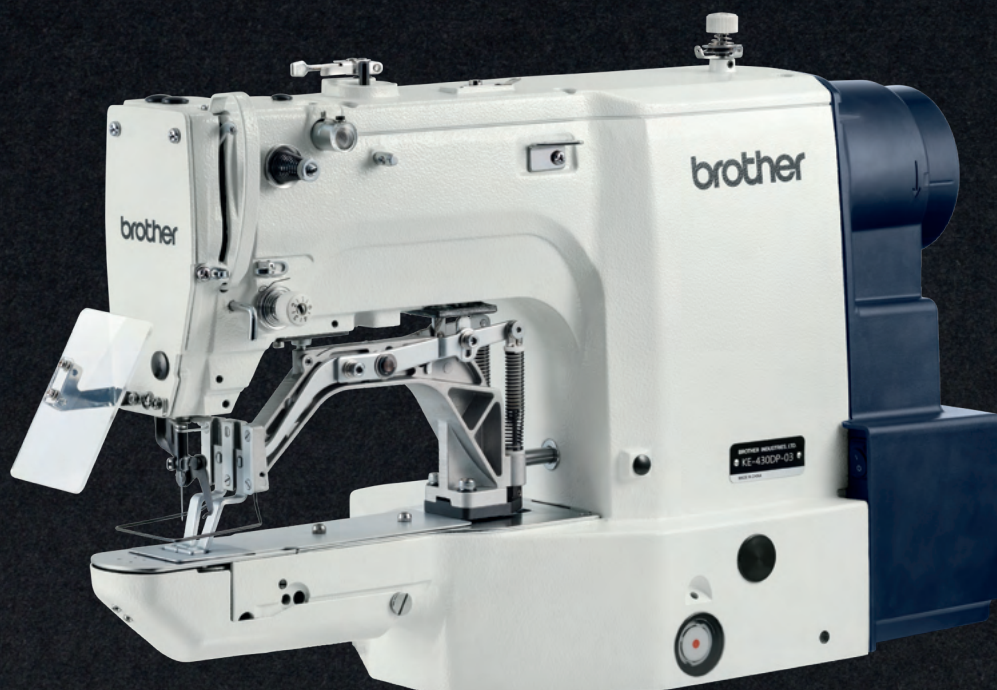
Specifications

Sewing area	Standard 40 x 30mm (optional 50 x 40mm)
Stitch length	0.05 ~ 12.7mm
Touch panel	Yes
Work clamp lifter	Pulse motor drive system
Work clamp height	Max. 17mm
Hook	Shuttle hook (double capacity shuttle hook optional)
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Thread nipper	Optional
Data storage method	Internal flash memory (Data addition is available with external memory)
No. of cycle programs	30 cycle (50 programs for each cycle)
No. of stored data	89 sewing patterns are set already (Up to 500 patterns can be added. Total number of stitches of stored data which can be added is within 500,000)
Machine head drive	Direct drive
Weight	Machine head: 58kg Controlbox: 7kg
Power supply	Single-phase 100V/220V, 3-phase 220V/380V/400V Max. electric power consumption 400VA



KE-430DP

Only available outside the EU



Electronic Direct Drive Lockstitch Bar Tacker

Our sewing machine offers both comfort and high-speed functionality. Equipped with LED lighting as a standard feature, it illuminates your workspace, allowing for precise and effortless sewing even in dimly lit environments. Additionally, the user-friendly operation panel enhances ease of use, providing intuitive controls that streamline your sewing process.

Clean Sewing with high speed

It is a semi-dry type. Clean oil is supplied to only the hook. No oil is used around the needle bar and thread take up with maximum speed up to 3,200sti/min.

Easy handling

Easy machine set-up by placing control box on the head.

Model overview

	Application	Tension	Lubrication	Needle cooler
KE-430DP-03	medium materials	Standard tension	semi-dry	–
KE-430DP-05	heavy materials	Standard tension	semi-dry	–



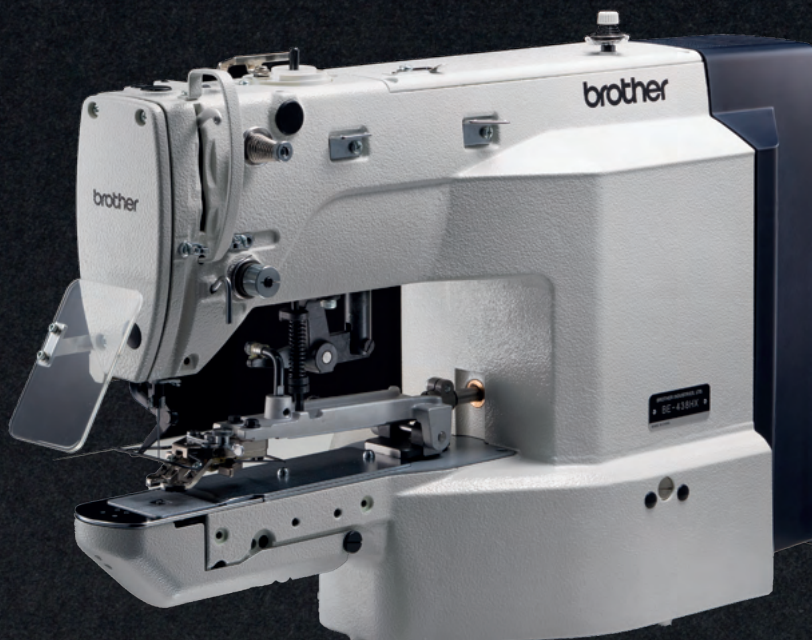
Specifications

Sewing area	Standard 40 x 30mm
Stitch length	0.1 ~ 12.7mm
Touch panel	None
Work clamp lifter	Pulse motor drive system
Work clamp height	Max. 17mm
Hook	Shuttle hook
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Thread nipper	None
Data storage method	Internal flash memory (Data addition is available with external memory)
No. of cycle programs	30 cycle (50 programs for each cycle)
No. of stored data	89 sewing patterns are set already (Up to 500 patterns can be added. Total number of stitches of stored data which can be added is within 500,000)
Machine head drive	Direct drive
Weight	Machine head: 52kg Controlbox: 7kg
Power supply	Single-phase 200V-240V Max. electric power consumption 600VA



Button attaching machines

BE-438HX BE-438HS



Set button smoothly

Our renewed button clamp enables to set a button more smoothly.

Productivity improvement

Our NEXIO series are capable to be connected to our IoT system, which enables the customer to analyze, manage and process the production flow. New technologies, paired with mechanical optimization like our step motor driven short thread cutting system which works quiet and reliable, are making our KE/BE series to a state-of-the-art solution.

Color LCD touch panel

The touch panel offers a user-friendly interface, which makes it easy to set the sewing patterns, create cycle programs, adjust the sewing speed, or storing the upper thread tension in the user programs (HX-series only).

Model overview

	Application	Tension	Lubrication	Needle cooler
BE-438 HS	light - medium materials	Standard tension	minimum lubrication	–
BE-438 HX	light - medium materials	Digital tension	semi-dry	–



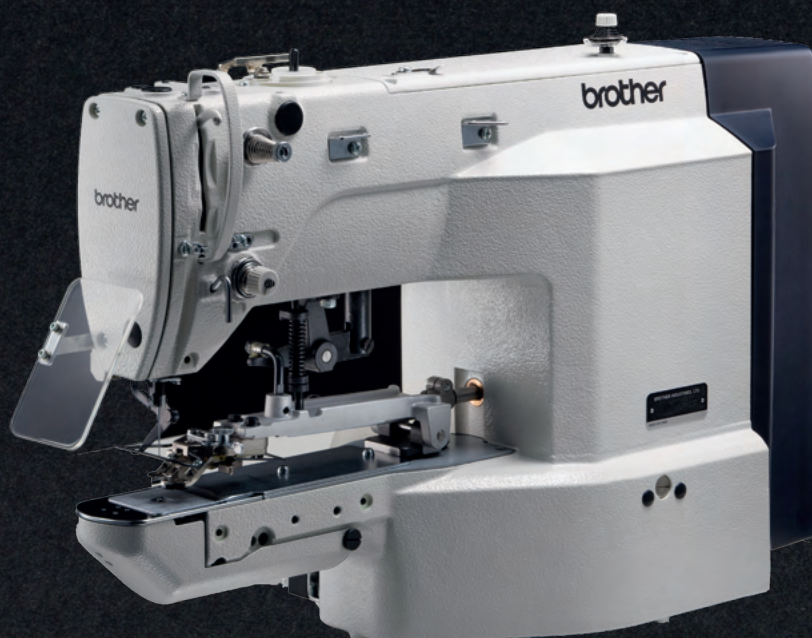
Specifications

Stitch length	0.5 ~4mm
Touch panel	Yes
Work clamp lifter	Pulse motor drive system
Work clamp height	Max. 13mm
Hook	Shuttle hook
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Thread nipper	Optional
Dimensions of buttons that can be sewn	Outer diameter of buttons 8 - 30mm
Data storage method	Internal flash memory (Data addition is available with external memory)
No. of cycle programs	30 cycle (50 programs for each cycle)
No. of stored data	89 sewing patterns are set already (Up to 500 patterns can be added. Total number of stitches of stored data which can be added is within 500,000)
Machine head drive	Direct drive
Weight	Machine head: 58kg Controlbox: 7kg
Power supply	Single-phase 100V/220V, 3-phase 220V/380V/400V Max. electric power consumption 400VA



BE-438DP

Only available outside the EU



Set button smoothly

Our sewing machine offers both comfort and high-speed functionality. Equipped with LED lighting as a standard feature, it illuminates your workspace, allowing for precise and effortless sewing even in dimly lit environments. Additionally, the user-friendly operation panel enhances ease of use, providing intuitive controls that streamline your sewing process.

Clean Sewing with high speed

It is a semi-dry type. Clean oil is supplied to only the hook. No oil is used around the needle bar and thread take up with maximum speed up to 3,200sti/min.

Easy handling

Easy machine set-up by placing control box on the head.

Model overview

	Application	Tension	Lubrication	Needle cooler
BE-438DP	light - medium materials	Standard tension	semi-dry	—



Specifications

Stitch length	0.5 ~ 6.4mm
Touch panel	No
Work clamp lifter	Pulse motor drive system
Work clamp height	Max. 13mm
Hook	Shuttle hook
Thread wiper	Standard equipment
Thread trimmer	Standard equipment
Data storage method	Internal flash memory (Data addition is available with external memory)
No. of cycle programs	30 cycle (50 programs for each cycle)
No. of stored data	64 sewing patterns are set already (Up to 500 patterns can be added. Total number of stitches of stored data which can be added is within 500,000)
Machine head drive	Direct drive
Weight	Machine head: 52kg
Power supply	Single-phase 200V-240V Max. electric power consumption 600VA



Straight Buttonhole

HE-800C



Electronic direct drive lockstitch button holer

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.

High productivity due to double cutting function

It enables double cutting during various size of button hole sewing and gives you high productivity without any changing time of cutters. High cost performances and productivities can be expected.

Easy positioning for sewing

The presser foot lifter is driven by a pulse motor, so that the height can be adjusted as desired. This makes insertion and removal of the material easier and reduces working fatigue.

Model overview

	Application	Max. sewing speed	Presser foot lifter amount
HE-800C-2	Woven articles such as shirts, blouses, work clothes and ladies attire	4,000 sti/min	Max. 13mm (adjustable)
HE-800C-3	Knitted article such as underwear, sweaters, cardigans and jerseys	4,000 sti/min	Max. 13mm (adjustable)



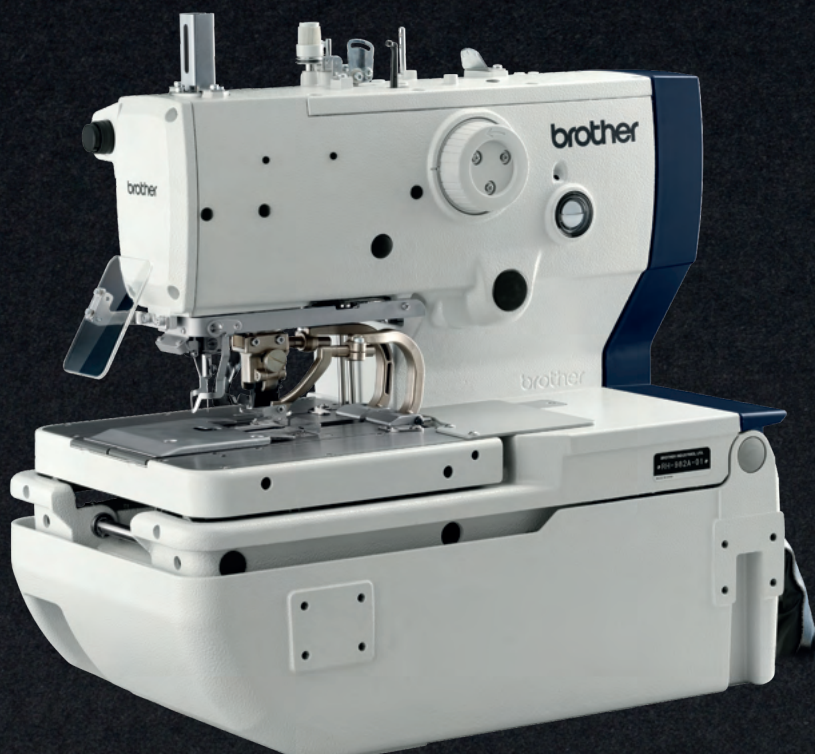
Specifications

Zigzag mechanism	Pulse motor
Feed mechanism	Pulse motor
Presser foot lifter mechanism	Pulse motor
Cutter mechanism	Double position solenoid
Lower thread holding device	Standard equipment
Bobbin presser	Standard equipment
Standard pattern shapes	21 types
No. of sewing programs storable	50
Max. No. of stitch/program	999 stitches
Data storage method	SD card (No guarantees of operation can be given for any media.)
Power supply	Single-phase: 100V Three-phase: 200V



Eyelet Buttonhole

RH-982A



Electronic eyelet buttonhole machine

This new design further improves the longstanding reliability and excellent performance of the Brother eyelet buttonholer. It can be used for various items from casual items to formal items.

The world's top-class sewing speed 2,500 sti/min enhances productivity

As with the previous model, the optimum structure for high-speed drive is adopted, achieving a maximum sewing speed of 2,500 sti/min. In addition, the patented rigidity around the needle and the servo control of the feed mechanism and needle bar rotation mechanism provide for improved cycle time.

Large work space providing easier of operation

The arm pocket of 120 mm depth gives a sufficient space, enabling smooth setting of material. The arm shape provides a good view of the needle area, allowing operators to observe the sewing operation. It is suited even for vertical buttonholes and hip pocket parts. The newly equipped LED light is provided as standard and helps provide better viewing when placing fabrics or garments.

Model overview

	Thread trimmer	Height of work clamp	Length of work clamp (other sizes available as option)	Lengthy of hammer (other sizes available as option)
RH-982A-01	Long thread cut	12mm standard (Available up to 16mm)	30mm	22mm
RH-982A-02	Short thread cut	16mm	30mm	24mm



Specifications

Sewing speed	1,000 - 2,500 sti/min
Stitch pitch	0.5 - 2.0 mm
Zigzag width	1.5 - 5.0 mm (Up to 4.0 mm in mechanical, up to 5.0 mm with zigzag width compensation)
Taper bartack length	0 - 20 mm
Starting method	Foot switch (Two-pedal type), Hand switch (Two-lever type)
Feed mechanism	Intermittent feed by 3 pulse motors (X, Y, 0)
Safety equipment	Emergency stop function and built -in automatic stopping device activated by safety circuit in case of trouble
Upper shaft motor	AC servo motor 550W
Air pressure	Main regulator: 0.5 Mpa, Hammer pressure regulator: 0.4MPa
Air consumption	43.2 l/min. (8 cycles/min.)
Weight	Machine head: Approx. 120 kg., Operation panel: Approx. 0.6 kg., Control box: 8,8 kg (depending on the destination)
Power supply	Single phase, 3-phase: 200V-230V Max. electric power consumption 400VA



Brother Automated Sewing BAS Standard

BAS-311H BAS-326H



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.

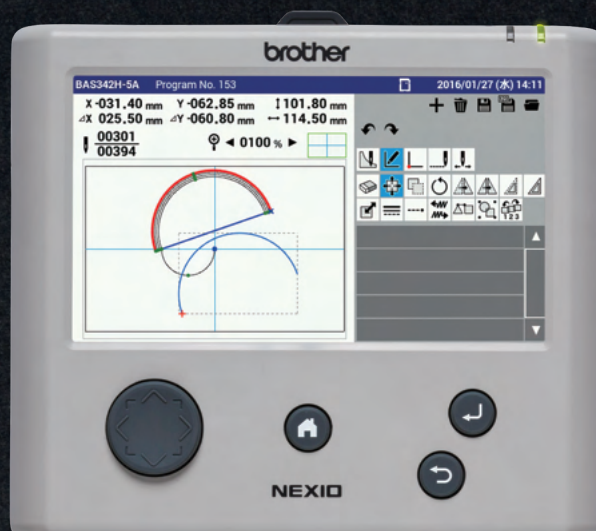
Best user experience with LCD touch panel

With the high functional LCD touch panel that offers easy programming, the preparation time can be reduced. 7-inch large screen and easy programming functions via LCD touch panel enable an intuitive operation.

It can be understood very easy without the instruction manual or previous experience in fewer steps.

Model overview

	Hook	Tension	Sewing Area	Short thread trimmer	Max. sewing speed	Max. stitch length	Fabric thickness detection	Birds nest reduction
BAS-311HX-05	Shuttle hook	Digital	150mm x 100mm	○	2,800 sti/min	0.05mm-12.7mm	–	–
BAS-311HN-07	Shuttle hook	Manual	150mm x 100mm	–	2,800 sti/min	0.05mm-12.7mm	–	–
BAS-311HS	Shuttle hook	Manual	150mm x 100mm	–	2,800 sti/min	0.05mm-12.7mm	–	–
BAS-326-HS-05	Shuttle hook	Manual	220mm x 100mm	–	2,800 sti/min	0.05mm-12.7mm	–	–
BAS-326HX-05	Shuttle hook	Digital	220mm x 100mm	○	2,800 sti/min	0.05mm-12.7mm	–	–
BAS-326HN-07	Shuttle hook	Manual	220mm x 100mm	–	2,800 sti/min	0.05mm-12.7mm	–	–
BAS-326H-484SF	Rotary hook	Manual	220mm x 100mm	–	2,200 sti/min	0.05mm -12.7mm	–	–

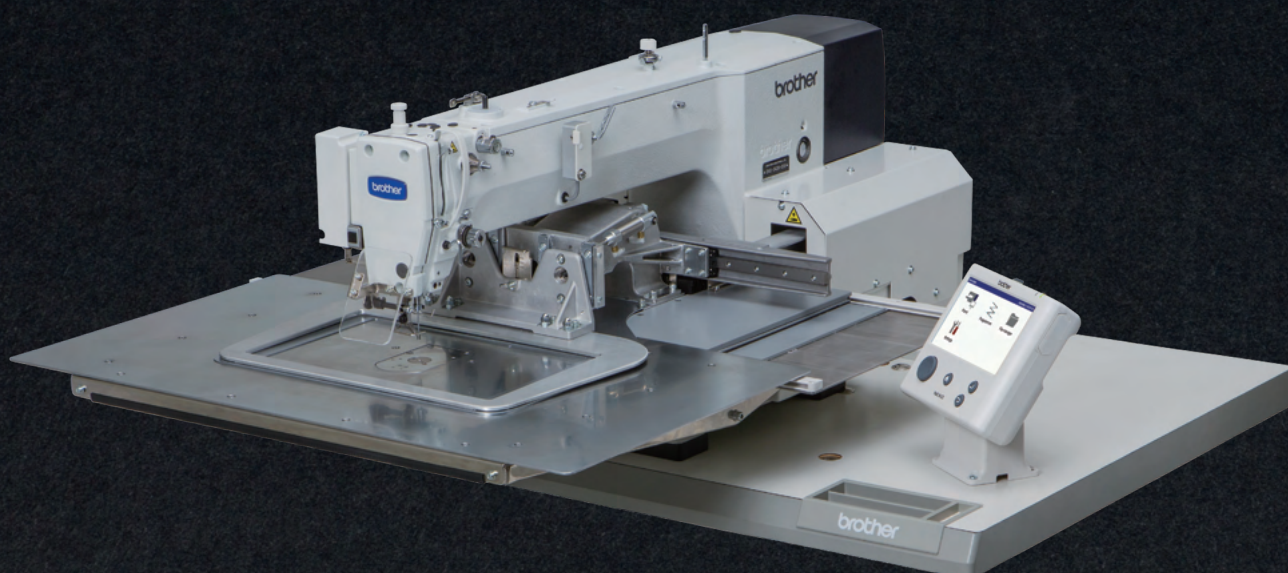


Specifications

Max. number of stitches	20,000 stitches (per program)
Max. number of programs	999
Work clamp lift amount	Max. 30mm
Height of stepping presser foot	22mm
Stepping presser foot stroke	2-4.5mm, 4.5mm-10mm or 0 (Default setting: 3mm)
Digital tension	Standard equipment
Thread breakage detector	Standard equipment
Data storage media	Internal flash memory (Data addition is available with external memory)
Machine head drive	Direct drive
Weight	Machine head: Approx. 88kg Control box: Approx. 9kg
Power	Single phase 100V/200V 3-phase 200V/220V/380V/400V
Air pressure / Consumption	0.5MPa 1.8 l/min
Work clamp lift amount	Max. 30mm



BAS-341J BAS-342J



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.

Best user experience with LCD touch panel

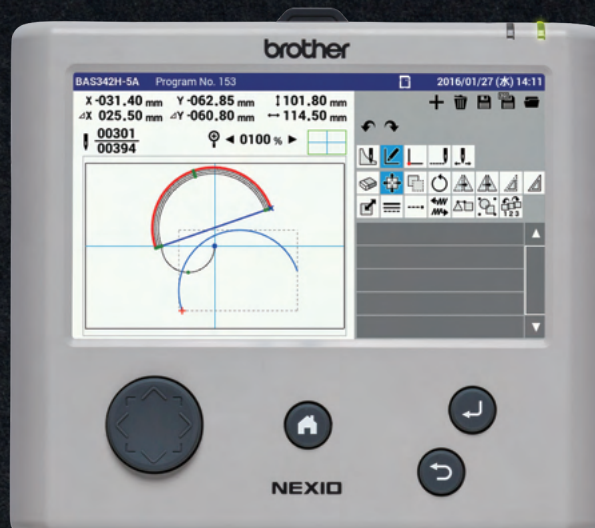
With the high functional LCD touch panel that offers easy programming, the preparation time can be reduced. 7-inch large screen and easy programming functions via LCD touch panel enable an intuitive operation.

It can be understood very easy without the instruction manual or previous experience in fewer steps.

Model overview

	Hook	Tension	Sewing Area	Short thread trimmer	Max. sewing speed	Max. stitch length	Fabric thickness detection	Birds nest reduction
BAS-341JX-05A	Shuttle hook	Digital	250mm x 160mm	○	2,800 sti/min	0.05mm-20mm	○	○
BAS-341JX-0AA	Shuttle hook	Digital	250mm x 160mm	–	2,800 sti/min	0.05mm-20mm	○	–
BAS-342JS-05A	Shuttle hook	Digital	300mm x 200mm*	–	2,800 sti/min	0.05mm-20mm	–	–
BAS-342JX-05A	Shuttle hook	Digital	300mm x 200mm*	○	2,800 sti/min	0.05mm-20mm	○	○
BAS-342JX-0AA	Shuttle hook	Digital	300mm x 200mm*	–	2,200 sti/min	0.05mm-20mm	○	–

*Other sizes available on request



Specifications

Max. number of stitches	20,000 stitches (per program)
Max. number of programs	999
Work clamp lift amount	Max. 30mm
Height of stepping presser foot	22mm
Stepping presser foot stroke	2-4.5mm, 4.5mm-10mm or 0 (Default setting: 3mm)
Digital tension	Standard equipment
Thread breakage detector	Standard equipment
Data storage media	Internal flash memory (Data addition is available with external memory)
Machine head drive	Direct drive
Weight	Machine head: 165kg Control box: 18kg
Power	Single phase 100V/200V 3-phase 200V/220V/380V/400V
Air pressure / Consumption	0.5MPa 1.8 l/min
Work clamp lift amount	Max. 30mm



BAS-341KX BAS-342KX



Direct Drive programmable electronic pattern sewer

Brother's innovative digital technology enables analog adjustments to be accurate to 0.01 millimeters. Supports stable production by maintaining high production efficiency and quality.

Productivity

Sensing makes it clear how to handle sewing defects, minimizes downtime and increases productivity. The adjustment time of the sewing machine due to poor sewing is greatly reduced by sensor monitoring technology. Appropriate adjustments depending on the cause of the sewing defect can be made just from checking numerical values on the panel

Reproducibility

Adjustments increments of 0.01 millimeters are possible, eliminating variations in adjustments due to people and environments. The sewing machine adjustments, which was done visually or manually, will change to adjusting while checking the target value set on the panel and current value.

Model overview

	Hook	Tension	Sewing Area	Short thread trimmer	Max. sewing speed	Max. stitch length	Fabric thickness detection	Birds nest reduction
BAS-342KX-05A	Shuttle hook	Digital	300mm x 200mm*	○	2,800 sti/min	0.05mm-20mm	—	—
BAS-341KX	Shuttle hook	Digital	300mm x 200mm*	○	2,800 sti/min	0.05mm-20mm	○	—



Specifications

Max. number of stitches	100,000 stitches (per program)
Max. number of programs	999
Work clamp lift amount	Max. 30mm
Height of stepping presser foot	27mm (highest needle stop position)
Stepping presser foot stroke	0-10mm (per 0.1mm)
Digital tension	Standard equipment
Thread breakage detector	Standard equipment
Data storage media	Internal flash memory (Data addition is available with external memory)
Machine head drive	Direct drive
Weight	Machine head: 175kg Control box: 15kg
Power	1-phase: 200V-240V 450VA
Air pressure / Consumption	0.5MPa 1.8 l/min
Work clamp lift amount	Max. 30mm



BAS-342XL



Direct Drive programmable electronic pattern sewer

With the enlarged sewing area, the machine brings accurate and strong sewing for heavy and extra-heavy materials. The high functional LCD touch panel offers easy programming, helping to reduce the preparation time.

Model overview

	Hook	Tension	Sewing Area	Short thread trimmer	Max. sewing speed	Max. stitch length	Fabric thickness detection	Birds nest reduction
BAS-326H XL	Shuttle hook	Digital	500mm x 100mm	○	2,800 sti/min	0.05mm-20mm	–	–
BAS-342JX XL	Shuttle hook	Digital	450mm x 380mm	○	2,800 sti/min	0.05mm-20mm	○	○
BAS-342JX XL	Shuttle hook	Digital	650mm x 380mm	○	2,800 sti/min	0.05mm-20mm	○	○
BAS-342JX XL	Shuttle hook	Digital	800mm x 380mm	○	2,800 sti/min	0.05mm-20mm	○	○
BAS-342JX XL	Shuttle hook	Digital	1000mm x 380mm	○	2,800 sti/min	0.05mm-20mm	○	○



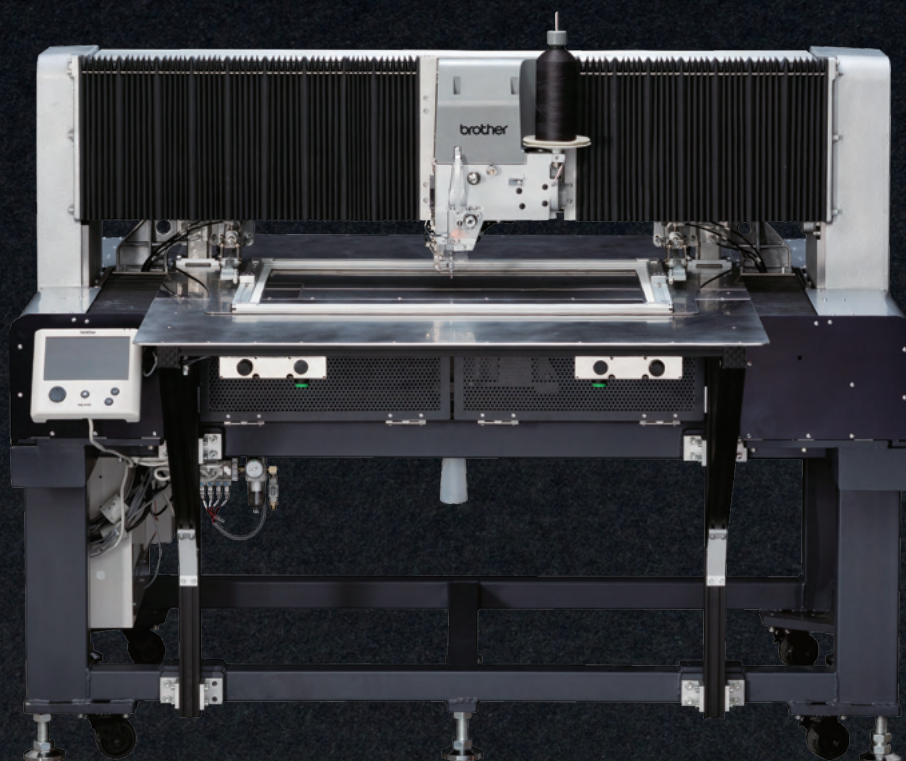
Specifications

Max. number of stitches	20.000 stitches (per program)
Work clamp lift method	Unit work clamp
Height of stepping presser foot	22mm
Stepping presser foot stroke	2-4.5mm, 4.5mm-10mm or 0 (Default setting 3mm)
Thread breakage detector	Standard equipment
Data storage media	Internal flash memory (Data addition is available with external memory)
Weight	Approx. 350kg, net. weight
Power	Single phase 200V
Air pressure / Consumption	0.5MPa 1.8 l/min



Brother Automated Sewing BAS Bridge Type

BAS-360H BAS-365H



Bridge Type programmable electronic pattern sewer

New Brother BAS series features a bridge type design that provides consistent sewing speeds and improved stitch quality on large area sewing applications.

The large sewing area provides greater flexibility

The large sewing area allows to set multiple workpieces such as shoes or bags at the same time and to sew larger applications like automotive airbags. Bridge type mechanism has a feed mechanism of X and Y that drives independently so that it provides great sewing quality at higher sewing speeds. A needle cooler preventing thread breakage thus for greater sewing speeds.

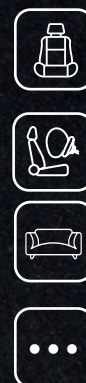
Rotary Hook Spec

In addition to Shuttle Hook Spec, Rotary Hook Spec is also available. Rotary Hook Spec uses a "Rotary Hook" and "Rotary digital tension" to achieve more textured seams on leather products.

Model overview

	Sewing Area	Max. sewing speed	Max. stitch length	Head lifting function	Needle cooler	Weight
BAS-360H-05A	500mm x 400mm*	2,700 sti/min	0.05mm-20.0mm	–	○	630kg
BAS-365H-05A	700mm x 400mm*	2,700 sti/min	0.05mm-20.0mm	–	○	640kg

*Other sizes available on request

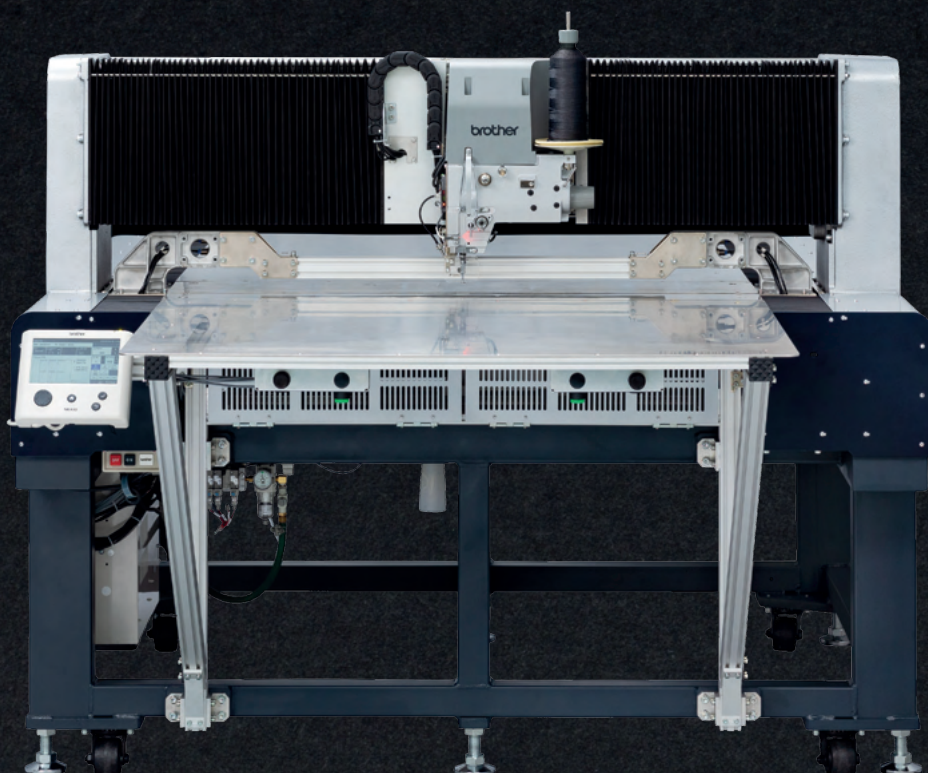


Specifications

Max number of stitches	100,000 stitches (per program)
Max. number of programs	999
Height of stepping presser foot	25mm
Hook	Double-capacity shuttle hook <i>Double capacity rotary hook as option</i>
Digital tension	Standard equipment
Thread breakage detector	Standard equipment
Data storage media	Internal flash memory (Data addition is available with external memory)
Machine head drive	Direct drive
Power	Single phase 220V/230V 3-phase 200V/220V/380V/400V
Air pressure / Consumption	0.5MPa 1.8 l/min
Work clamp lift amount	Max. 30mm



BAS-370H BAS-375H



Bridge Type programmable electronic pattern sewer

New Brother BAS series features a bridge type design that provides consistent sewing speeds and improved stitch quality on large area sewing applications. Compared to the BAS-360H and BAS-365H, these two larger models are equipped with a head lifting function, which raises the head up to 95mm high. This enables an easy setting of the material into the clamp.

Ease of access to hook area is simplified

The auxiliary plate is fixed with a magnet which permits simple removal without using a tool. This ease of access allows for adjustment near the hook area to be accomplished easily. When adjusting the hook, the operator does not have to reach under the machine.

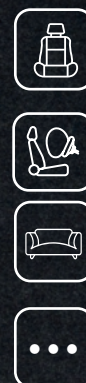
Effective utilization of factory floor space with compact footprint

The workspace is compact yet offers a larger sewing area than conventional BAS machines. Brother NEXIO series are IoT-enabled, facilitating analysis, process management, productivity improvement, and maintenance monitoring when connected to a network.

Model overview

	Sewing Area	Max. sewing speed	Max. stitch length	Head lifting function	Needle cooler	Weight
BAS-370H-05A	700mm x 700mm*	2,500 sti/min	0.05mm - 20.0mm	○	○	810kg
BAS-375H-05A	1200mm x 700mm*	2,500 sti/min	0.05mm - 20.0mm	○	○	910kg

*Other sizes available on request

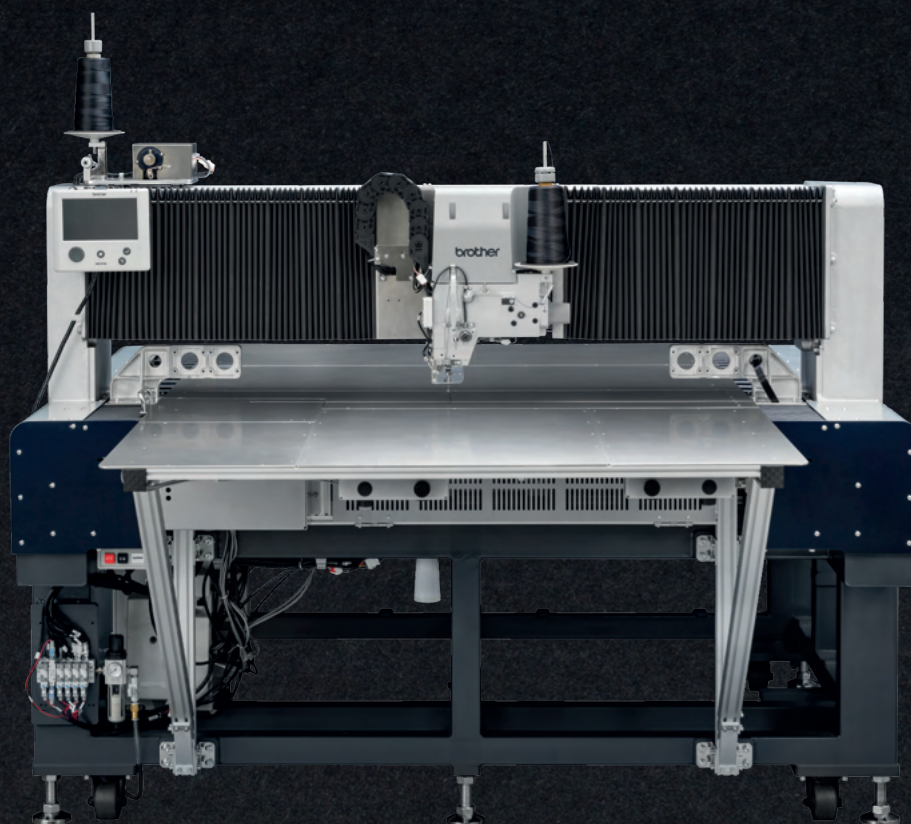


Specifications

Max number of stitches	100,000 stitches (per program)
Max. number of programs	999
Height of stepping presser foot	25mm
Hook	Double-capacity shuttle hook <i>Double capacity rotary hook as option</i>
Digital tension	Standard equipment
Thread breakage detector	Standard equipment
Data storage media	Internal flash memory (Data addition is available with external memory)
Machine head drive	Direct drive
Power	Single phase 220V/230V 3-phase 200V/220V/380V/400V
Air pressure / Consumption	0.5MPa 1.8 l/min
Work clamp lift amount	Max. 30mm



BAS-365K BAS-370K



Bridge Type programmable electronic pattern sewer

Unique bridge design, high speed high precision with stable sewing quality. Minimizing downtime with digital sensing technology and a wide sewing area for large items.

Digiflex Tune

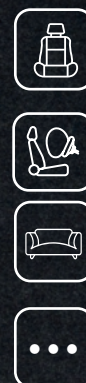
Brother's innovative digital technology enables analog adjustments to be accurate to 0.01 millimeters. Supports stable production by maintaining high production efficiency and quality.

Digitalization of adjustments

The digital adjustment method using sensing makes it easy to adjust the needle bar height position, hook timing, needle guard gap, needle clearance, while checking the numerical values of the panel.

Model overview

	Sewing Area	Max. sewing speed	Max. stitch length	Head lifting function	Needle cooler	Weight
BAS-365K-05A	800mm x 400mm*	2,500 sti/min	0.05mm - 20.0mm	-	○	810kg
BAS-370K-05A	800mm x 700mm*	2,500 sti/min	0.05mm - 20.0mm	○	○	910kg



Specifications

Max number of stitches	100,000 stitches (per program)
Max. number of programs	999
Height of stepping presser foot	25mm
Hook	Double-capacity shuttle hook <i>Double capacity rotary hook as option</i>
Digital tension	Standard equipment
Thread breakage detector	Standard equipment
Data storage media	Internal flash memory (Data addition is available with external memory)
Machine head drive	Direct drive
Weight	BAS-365K: 640kg / BAS-370K: 810kg
Power	Single phase 220V/230V 3-phase 200V/220V/380V/400V
Air pressure / Consumption	0.5MPa 1.8 l/min
Work clamp lift amount	Max. 30mm



Bonding

BM-2000



Innovative seam construction without sewing

Various designs can be created with Brother “ISC “technology - The applying of adhesive and the bonding of the cloth are performed at the same time. This contributes to the creation of new designs not limited by the press mold.

This technology can also process tubular seams. The slender cylinder design of the BM-2000 bonding machine increases the possibilities of use such as long sleeves for ladies’ garments.*1

Anyone can more easily and beautifully create seams without sewing. The smooth curve design can be created beautifully without exposing the adhesive at the cloth edge by controlling fabric edge positioning with sensor technology. Greater fabric choices are now possible, since the temperature of the adhesive is only 120 degrees low, you can

select the fabric without concern for damage due to heat and shine. This provides a wider range of fabrics possible for your designs.

Creating stress-free comfort garments with a high fit feeling is achieved by using the BM-2000 and an in-house developed adhesive. Peel strength is 1.5 times higher than conventional tape type, and 1.5% improvement in elongation recovery rate.

*1 Machine cylinder circumference 160mm

Model overview

	Feed	Nozzle clearance	Feed speed	Clue heating up time	Glue thickness
BM-2000	Upper and lower puller	0,1mm - 2,5mm	0,5mm - 5,0 meter/min	15 min	50 - 200 micrometer



Specifications

Machine construction	Feed off the arm, easy convertible to flatbed
Bonding process	Overlapping
Nozzle bonding widths	8 mm standard; 4, 6 and 10 mm as option
Length that can be adhered with one cartridge	150 - 620 meters*1
Material guiding	Upper and lower edge sensors
Min. tubular length	160 mm
Number of program	30
Number of steps per program	8

*1 depends on feed speed, glue thickness and nozzle bonding width



