

UF-8910

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

UF-8920

Twin needle, direct drive, flat-bed, unison-feed machine 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.

- Color LCD Touch Panel that can be customized to suit your usage
- Digitizing adjustment for enhanced sewing reproducibility, helpful for all repeated orders production, and useful to reproduce machine setting.
- Large fabric is easy to handle due to its wide arm bed. Essential for airbag, big bags or upholstery production.



UNISON FEED - Breaking new ground





The new brother electronic digital unison feed machine is the result from more than 110 years of experience in innovation in industrial sewing machine manufacturing.

- **Customizable, easy to use and to program**
- **Three different specifications to fit all needs; many functions are standard**
- **New innovative and unique functions**

From luxury leather production to car seat, car interior, airbag, and upholstery.

The new unison feed machine of brother is covering a large variety of different applications.



Color LCD touch panel

Two USB ports
IoT capabilities

Status LED

Upper thread holding device



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Multi-functional switches

Digitizing adjustment

3

Longer arm bed

5

Hand switch

THE MACHINE

brother

10

Electric Bobbin Winder



FEATURES

① Color LCD touch panel that can be customized to suit your usage.

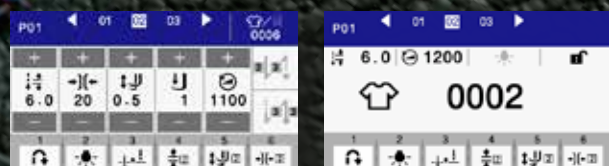
Two home screens can be selected for each usage.

It is also possible to customize the six switches and see the current setting values. In addition, it has a function to lock various setting changes to prevent operational errors from occurring.



Home screen

It can be selected according to your usage.



Protect setting

Only the person in charge of the USB can change the setting value, which allows for stable sewing at a predetermined setting value.

Program creation

Maximum of 15 programs can be created and each program can have up to 20 steps. Programs and steps can be given any name you like to prevent selection errors.



Hard Keys



② Status LED

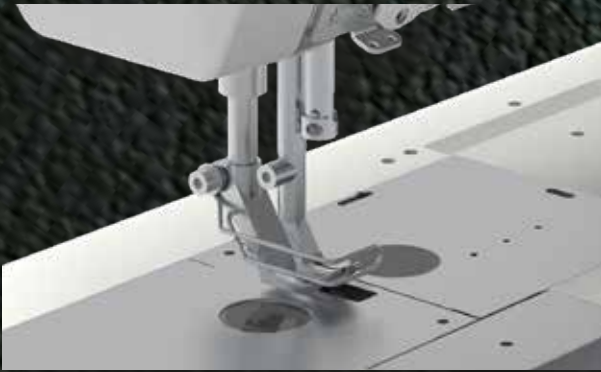
Three color LEDs allow you to check the status of the sewing machine. Very easy to identify from distance status of each machine.



③ 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.



④ Upper thread holding device is equipped as standard

The upper thread holding device can be set to maintain the upper thread in the back of the fabric at the beginning of sewing.



⑤ 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.



⑥ More comfort with connectivity

Equipped with two USB ports

It is possible to easily copy sewing data and adjustment values between sewing machines using a USB memory.

Software upgrades can also be done simple. The USB port on the control box is also capable of power supply.

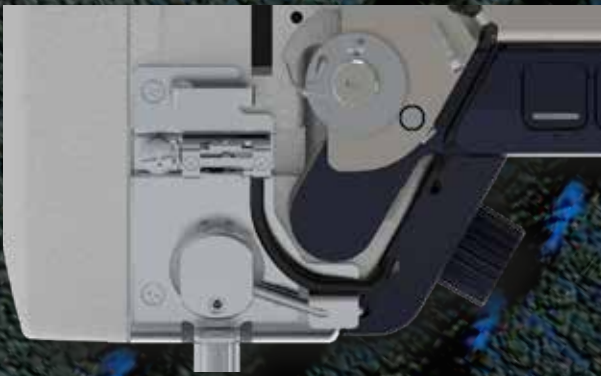
Productivity improvement with IoT capabilities

The visualization by connecting sewing machine and computer technology enables the customer to analyze, manage processes and speed up productivity improvement and maintenance work. The optional LAN port can be used to expand the functionality to match the customer's needs.

7 Switches

Hand switch

Functions to be used during sewing, such as back tacking, can be assigned to switches for one-touch operation.



Jog dial

It is possible to change the height of the needle bar by hand without reaching for the pulley. It can also be used as a switch by assigning functions.



Multi-functional switches for improved operability

Functions that need to be changed between sewing, such as sewing programs, can be assigned to switches for one-touch operation, with full customization possibility.



8 Fabric thickness detection mechanism prevents work errors and automatically changes during sewing

It measures the fabric thickness at the beginning of sewing and determines whether it is within the specified value, preventing work errors from occurring. During sewing, the machine detects changes in fabric thickness and automatically changes the pitch thread tension, alternating presser foot movement, motor speed, and presser foot pressure, according to preset values.

9 Error detection

If an error is detected, the operator is made aware of this by a red LED for sewing area.

After error detection, the control panel shows the location where the error occurred (right or left needle).

10 Electric Bobbin Winder

The bobbin winder is equipped with the electric motor, which makes it possible to wind thread even when the machine is stopped.

In addition, the constant winding speed stabilizes the thread tension, which leads to improved sewing quality.

This Electric Bobbing Winder is included in the Deluxe and Premium versions.





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Basic specifications / UF-8910 UF-8920

	UF-8910	UF-8920
Stitch	Single needle unison feed	Twin needle unison feed
Max. sewing speed	3,800sti/min	3,400sti/min
Max. back tacking speed	2,000sti/min	
Max. stitch length	9mm	
Presser foot height	20mm	
Max. interaction lift stroke	9mm	
Presser bar pressure	70~125N	
Needle thread tension	0.7~9.5Nm	
Arm pocket size	400mm	
Hook size	28mm	
Standard twin needle gauge	-	10mm
Min. needle gauge	-	3mm
Max. needle gauge	-	35mm
Needle bar stroke	40mm	
Needle (DBx1 · DPx5)	134×35 Nm130 (#21) Nm125~180 (#20~#24)	134×35 Nm130 (#21) Nm125~200 (#20~#25)
LED light	LED for sewing area and arm pocket are standard equipment	
Number of programs	15 programs (each program has 20 steps)	
Number of patterns	9~50 patterns*1	
Motor	AC servo motor (1kW)	
Power	Single phase, 3-phase: 200V-240V	

*1 Varies depending on the number of stitches per pattern and the total number of needles.

Subclasses /

UF-8910-000 Standard	UF-8910-001 Deluxe	UF-8910-101 Premium	UF-8920-001 Deluxe
-	Electric Bobbin Winder	Electric Bobbin Winder	Electric Bobbin Winder
-	-	Skip-stitch detection device	-

**RoHS
Compliant**

UF-8910 / UF-8920 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". UF-8910 / UF-8920 is certified as an environment-conscious sewing machine according to the "Brother Green Label" standard.



Brother
Earth

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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.

-Those image data may differ from the actual product

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