

NS-CBS02

Thank you very much for buying and using our products. Before using this product, please read the instructions carefully for your safety. Future product improvements are subject to change without notice.

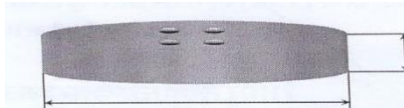
Product specifications

1、Machine parameters:

Supply voltage	monophase 220VAC \pm 10%
frequency	50/60Hz
Working environment	Temperature: 5-35℃, humidity: 35-85%
Shuttle machine	2 Double spinning shuttle
Machine needle	DP17
Maximum sewing speed	2500RPM
Maximum power consumption	800VA
Air pressure	0.5MPa—0.75MPa
Machine size	Length × width × height = 1220 × 1220 × 1320mm
Weight of the whole machine after packaging	240Kg (Net weight 186kg)
Overall packing box size	Length × width × height = 1220 × 1020 × 1290mm

2、Button type

Button size



Flat class

Button type	diameter	thickness
flat	1—30m/m	1—10m/m (Replaceable button clip)

Precautions for safe use:

The installation of the machine must be carried out by professionals。

(1) There must be a ground cable (PE cable) in the mains jack. The ground cable is not connected or is not strong, which is the cause of electric shock or malfunction.

(2) To prevent injury or damage, remove the buckle guard and all objects next to it before powering on. Especially don't keep your hands nearby.

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- (3) Please disconnect the power supply before cleaning the machine.
- (4) Disassemble components and accessories, especially when assembling and adjusting the cutter, the power supply must be disconnected first.
- (5) After turning off the power switch and unplugging the power plug from the socket, wait at least 5 minutes before opening the control box cover, otherwise, touching the area with high voltage will cause injury or death.
- (6) When the machine is running, please do not put your hand on the inside of the buckle protective cover to avoid damage to your hand.
- (7) The use of this machine must be by professionally trained personnel.
- (8) Because the machine is a functional change, before starting the button every day, it is necessary to confirm whether the program of the host is the special program of the cuff button machine (that is, the number of buttons, the hole distance, the number of holes, and the aperture are consistent), so as to prevent the wrong operation leading to the call of other programs and damaging the machine.

Third, installation and commissioning:

1、 boot check

After opening the packaging of the machine, first check the overall damage caused by collision, if so, please contact the logistics unit for consultation, and then check the screw loosening or parts falling off caused by transportation vibration in each part, if so, tighten and restore the original installation.

2、 Check and debug

A: Air path check: Connect the air source to the air inlet of the air source on the lower left side of the machine and open the air valve switch indicated by the arrow in the figure. At this time, the barometer pointer should move to 0.4-0.45MPa, and the components of the machine will return to the initial position. If no action is taken, please check the air source and air path.



B: Air pressure adjustment: the machine has basically been adjusted, check first, and then adjust it if it is not in the range. If it is necessary to adjust the filter pressure regulator, pull the upper cover upward to open it, rotate the upper cover to adjust the pressure to 0.43 ± 0.02 MPa to ensure the normal operation of each cylinder. If the pressure is too high, the fluctuation of the total gas pipe pressure will cause the unstable operation of the system.

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C: Power-on check: Insert the power plug of the machine into the mains jack with PE cable:

Press the power switch "ON" button under the right table of the machine, and the two screens on the right table of the machine will display normal, no fault display, and you can operate.

Four, touch screen interface introduction:

After the machine is powered on, the touch screen of the lacing system first displays the machine name and model interface, and then click the language to select, and then automatically enter the following interface

The screenshot shows a touch screen interface with two main panels. The left panel contains four input fields: 'NumTotal' with a value of '0' and a 'Clear' button; 'SendDelay' with a value of '0.0' and a unit 's'; 'HoldDelay' with a value of '0.0' and a unit 's'; and 'FootDelay' with a value of '0.0' and a unit 's'. The right panel contains two toggle switches: 'AutoRun' and 'HighSpeed', both currently set to 'OFF'. At the bottom of the screen, there are three buttons: 'SelfDetect', 'Resend', and 'Reset'.

The top left corner of the screen shows the company LOGO and company name, which is always the same. The upper right corner shows real-time year, month, day, minute and second, which will be updated in seconds.

The left parts are:

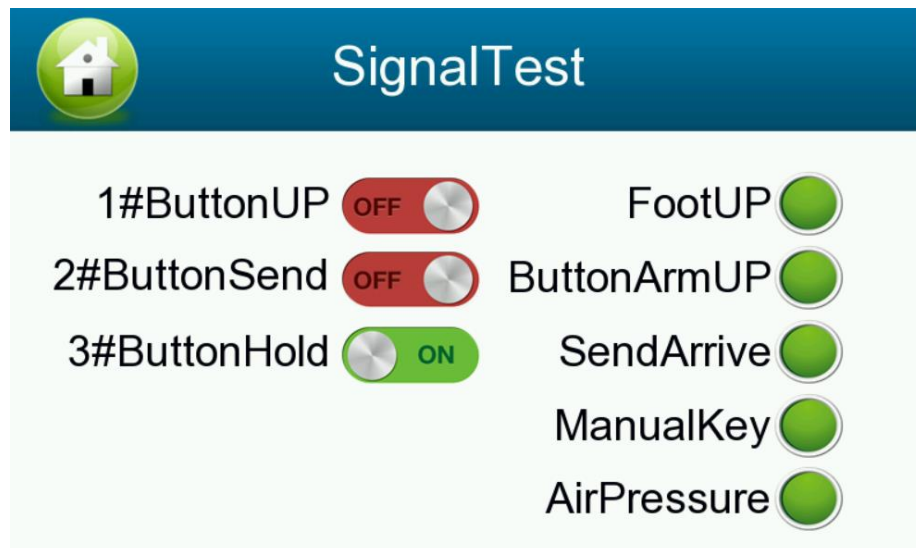
Num Total	Total production is displayed and can be cleared at any time by pressing the "Clear" button on the right. As long as the total production is not cleared, it is a daily, hourly accumulation.
Send delay	Time delay from foot up to the button send to machine, unit S, default: 0
Hold delay	The time delay from button send arrive to hold the button, unit in S, default value: 0
Foot Delay	According to the signal of lifting press foot, the press foot lifts the button send once. In order to prevent the trigger of the button by mistake, the press foot anti-shake delay can be set to shield the trigger of the button by mistake, unit S.

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The right part is:

Auto Run	ON: When the machine feeding mechanism detects the signal of lifting the press foot, it automatically sends the buttons. OFF: When the machine feeding mechanism detects the manual feeding signal, it sends the buttons.
High speed	ON: The machine feed mechanism operates at maximum speed. OFF: The machine feed mechanism runs at a slow speed, does not detect each position sensor, and is used in emergency when a sensor fails.

After clicking "Self Detect" in the lower left corner of the main screen, the following "Output Test" page will be displayed:



The next row ON the left side is the output item added by the lacing mechanism. Click the corresponding button on the right, from red "OFF" to green "ON", then click the corresponding mechanism action again to return.

The upper and lower row on the right is the input signal increased by the buckle mechanism. When each corresponding mechanism moves, the corresponding input signal can be seen to change. If there is no change, the switch is bad or in the wrong position.



When you click " " in the upper left corner of the screen, you will return to the previous page.

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The middle position at the bottom of the main screen is "Resend", when clicked, the machine will feed again.

On the right side of the lower part of the main screen, "Reset", when clicked, all cylinders of the machine will be restored to the initial position of power on.

When the machine fails, the machine has an automatic detection and display of fault code, fault location, and prompt solutions. As shown below:



Maintenance and cleaning:

The air compressor that supplies gas to the machine should discharge water once a day, and the water should be discharged more than twice a day in high humidity weather. The air purifier connected between the air compressor and the equipment can ensure that the air source used is dust-free and water-free. The machine has a water filter that will filter part of the water. When the pressure of the barometer of the machine is zero, the water in the water filter storage cup will be automatically discharged, so please try to relieve the pressure when the machine is not working. Water in the air can lead to abnormal operation or even damage of pneumatic components.

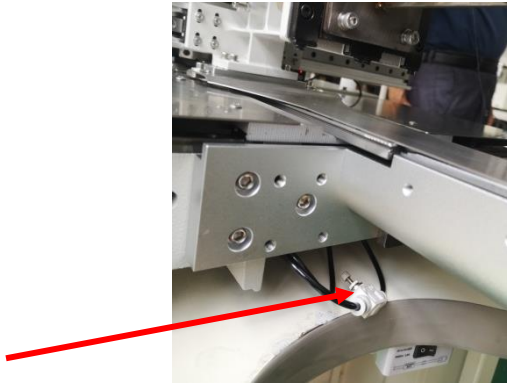
Use, operation and maintenance of cuff fastening machine

This machine is equipped with automatic and manual two modes of operation, for beginners, it is recommended to use the manual mode, when skilled, the hand to the buckle on the buckle time is less than the sewing machine buckle time, you can use the automatic mode.

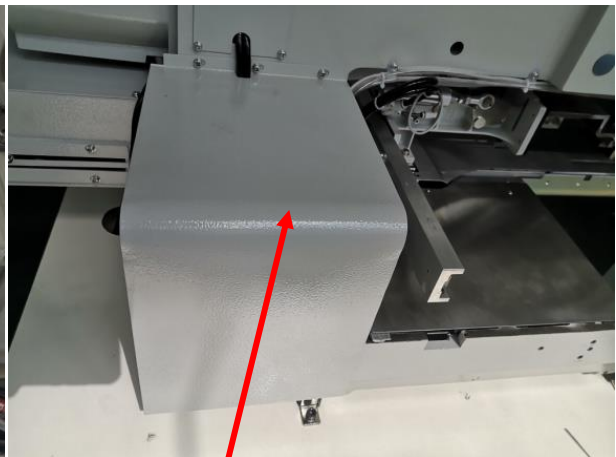
- 1、
 - This machine is modified by Mitsubishi 3020 computer pattern machine head with Tianjin Dahao system, so please do regular refueling and maintenance according to the conventional way of pattern machine.
- 2、
 - The machine is limited by the structural parts of the additional assembly, so the working range of the X direction is limited, please do not lift the restriction at will.
- 3、
 - The pneumatic control valve below the head shown below is used to adjust the speed of the cutting cylinder. When the cutting action is slow,

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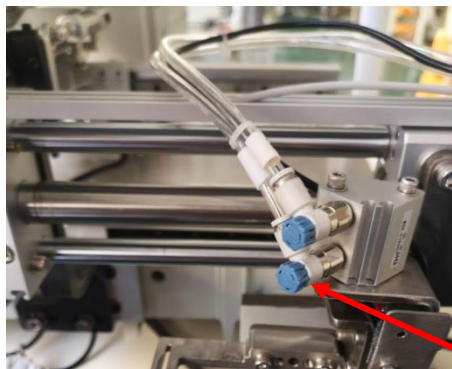
the nut can be loosened, the screw is rotated counterclockwise, until it is satisfied, and finally the nut is tightened again.



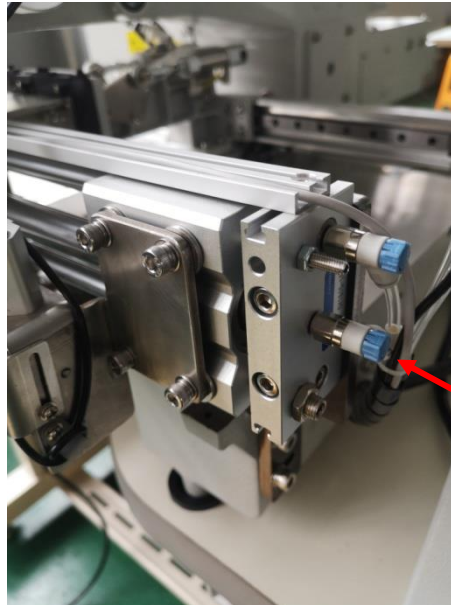
- 4、
- when the maintenance and other needs to turn the head to the left, please be sure to pull out the touch screen inserted in the head control box of a lead, the leftmost one indicated by the arrow in the following figure, but also need to remove the left rear cover of the head, as indicated by the arrow in the figure.



- 5、
- when the button is sent to the button clip of the button machine upward transfer, sometimes due to vibration may cause the button to fall, at this time, you can fine tune the adjustment knob shown (first pull out, and then rotate in (clockwise)) until appropriate.



- 6、
 - When the button is sent from right to left to the bottom of the button clip of the button machine, sometimes the button may fall due to vibration, at this time, you can fine-tune the adjustment knob shown in the arrow below (first pull out, and then rotate in (clockwise)) until it is suitable. When returning from left to right, the upper adjustment knob is adjusted when the impact sound is loud.



- 7、
 - It is recommended to set the spindle speed of the sewing machine to 2-5 gears when napping.
- 8、
 - When the buttons are stacked, the needle tip of the programming drawing is aligned with the center of the button hole and tends to raise the edge by about 0.2mm, because the button hole is inclined, and the lower edge of the lower side of the hole is inclined to the center.

For the programming of cuff stitching machine, please refer to the appendix of this manual

For the programming of the number of people, the number of people, the number of buttons, the number of holes, please see the touch operator of the big house.

The company provides a four months warranty for its products from the date of receipt of the goods, and provides free maintenance for the products during the warranty period.