

MINI ELECTRIC SEWING MACHINE OPERATION MANUAL



MODEL NO.: FHSM-213

(Please read the manual carefully before using the unit)

CE 
PRINTED IN CHINA

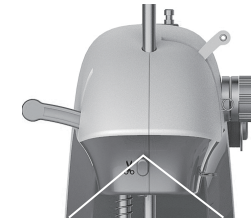
Precautions before use, be sure to read before operating

- 1- Install the battery, when plugging in the power supply, please put the power switch in the "off" position, and do not touch this switch.
- 2- The needle is sharp metal, to replace the needle, you must turn off the power switch first, and then remove the battery and rectify the power supply, so as not to cause damage.
- 3- Keep this machine out of reach of children, and if a child uses this machine, an adult must monitor it.
- 4- After use, turn off the switch , and remove the battery and unplug the power plug.
- 5- Do not mix old and new batteries.
- 6- Do not disintegrate and transform this machine.
- 7- At the bottom, after the surface line has been installed, put the cloth to be sewn well before the switch can be started.
- 8- When the sewing machine is unused, please turn off the switch or unplug the power supply.

Be careful : When sewing, be particularly careful about sewing machine needles, and keep your hands away from any moving parts;
Do not pull the cloth during sewing, otherwise it may hit the needle and cause injury; Do not use curved or broken needles, as this may cause poor sewing or injury.

Tangent function description

This machine with a tangent knife, convenient for cutting; The thread is introduced into the blade, tightened, and cut.



APPLICABLE CLOTH FOR SEWING

Sewing Presentation Fabric Specification	Cloth	Cotton/Linen	Silk/Wool	Polyster	Elastic
Regular		√	×	√	△
Thick		√	×	√	△
Thin		√	×	×	×
Hard		√	√	√	△
Soft		×	×	×	×

Sewing effective:

- √ : means easy to sew
- × : means difficult to sew
- △ : means not smooth to sew

Note:

1. The definition of the fabric thickness:

Thin(fabric): two layers of the fabric thickness $\leq$ 0.35mm;

Thick(fabric): two layers of the fabric thickness $\leq$ 0.8mm;

Regular(fabric): two layers of the fabric thickness $\geq$ 0.35mm and $\leq$ 0.8mm.

2. The definition of elastic cloth:

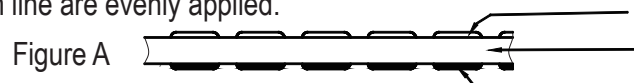
If the cloth, which size is"100mm*30mm",is extending to or over 106mm under 0.5kg tension forse,
Then the cloth is defined elastic, otherwise it is inelastic.

3. Hard fabric: such as jeans, fine canvas, etc.

4. Soft fabric: such as towel, duster,etc.

The surface line, bottom line tightening adjustment method

The normal sewing thread is described in Figure A, and its surface line and bottom line are evenly applied.



1- If the line description is shown in Figure b, it means that the surface line is relatively loose; That is, when the bottom line is pulled into a straight line, it means that the surface line is too loose; Slowly screw the stitch elastic knob clockwise inside to increase the surface pressure; Until the bottom and surface lines are properly tightened.



2- If the stitch is as shown in Figure C, the surface line is pulled very tightly; That is, when the surface line is pulled into a straight line, it means that the surface line is too tight, and the stitch elastic knob is slowly rotated out counter-clockwise to reduce the surface pressure; Until the bottom line is elastic and fit.



* When adjusting the tightness of the surface line, pay attention to see whether the surface line is detached from the clip, if it is taken off, please turn off the switch first; Snap the noodles back between the clips.

The light switch control instructions

Pressing the light switch button can control the lighting on and off at will. Press the light inside and press it again to pop the light off.



Please be careful before sewing operations

1- Rotate the hand wheel in the direction of the arrow and lift the needle to the highest position.

2- Lift the foot presser lever, let the foot presser leave the cover, and put the cloth under the foot presser;

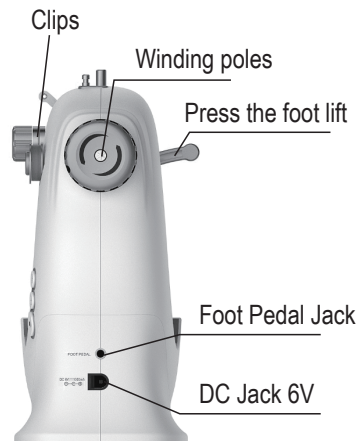
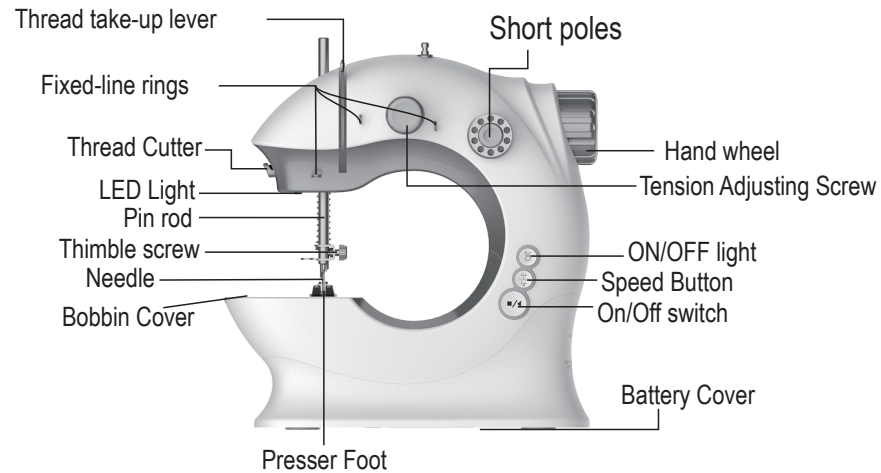
3- Turn the first round 2-3 times in the direction of the arrow.

4- Press the switch button to start sewing (you can press the speed control switch to select the speed or slow speed).

5- After sewing, press the switch button and unplug the power supply; Turn the hand wheel, lift the needle away from the cloth, then lift the foot carry lever to pull the cloth and the left side of the wire mesh. If you feel that the line is too tight, you can gently pull out the line of 3-5cm with your fingers between 3-4 in the position of the following figure or the threading chart, and you can easily remove the cloth and cut the thread.

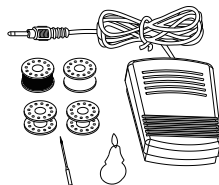
* If the cloth is difficult to remove, you can turn the hand wheel back and forth to easily remove the cloth. As shown in the following pictures between the 3-4 position of the threading chart, gently pull out the line by hand 3-5 cm of the line.

Description diagram of the main components and Accessories



Accessories

Foot switch x1
 Stringer x1
 With wire bobbin core x2
 Empty shuttle core x2
 Spare needles x1
 External power supply (optional) x1



The core winding method

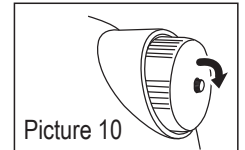
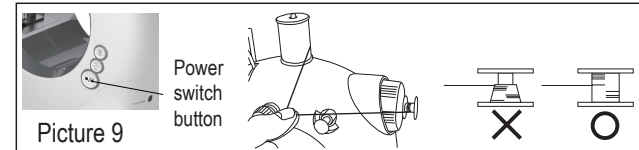
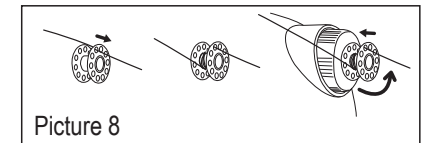
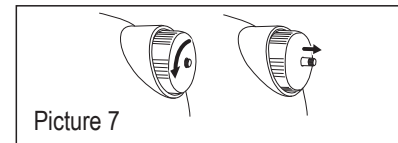
The winding rod is hidden in the fuselage handwheel, and when you need to wind the core, please follow these methods:

- 1、 Press the winding rod with your finger and rotate it counterclockwise, and the winding rod will automatically pop out. (As picture 7)
- 2、 Insert the empty core into the winding pole, and turn the wire clockwise 4-5 times on the empty core. (As picture 8)
- 3、 Press the power switch, you can wind the wire, winding do not exceed the edge of the core. (As picture 9)
- 4、 When the wire is full, press the switch to stop.
- 5、 Cut the winding and remove the shuttle core.
- 6、 Push the winding rod into the handwheel and rotate it clockwise to collect it. (As picture 10)

* 1. When winding the wire, please remove the surface line and bottom line on the machine. The prevention line is wound and the machine is damaged.

2. Special attention: when winding, in order to ensure the uniformity and firmness of the wire, Please assist with a pen holder or screwdriver.

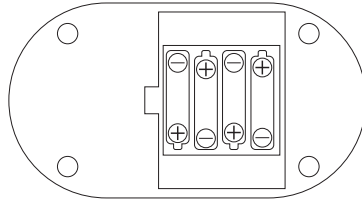
(As picture 9).



The installation method of the battery

The battery box is at the bottom of the body, remove the battery cover, and load 4 "AA" batteries according to the positive and negative poles shown on the bottom of the battery, and cover the battery cover.

Note: When loading batteries or plugging in external power sources, put the switch in the "off" position to avoid danger! The power supply and battery cannot be used at the same time.

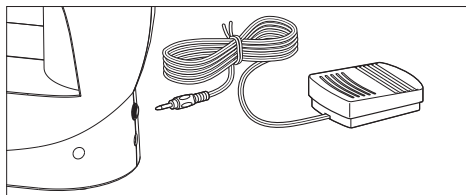


The use of foot pedals

Insert the foot pedal into the foot pedal jack of the machine to replace the power switch on the machine with the foot switch.

Use the foot control switch to make the sewing, free up the hands, the operation is more convenient.

* When using, the foot should be pressed on the front of the foot pedal, the foot plug should be pulled out after use to avoid the danger of touching the switch!



The operation uses basic methods

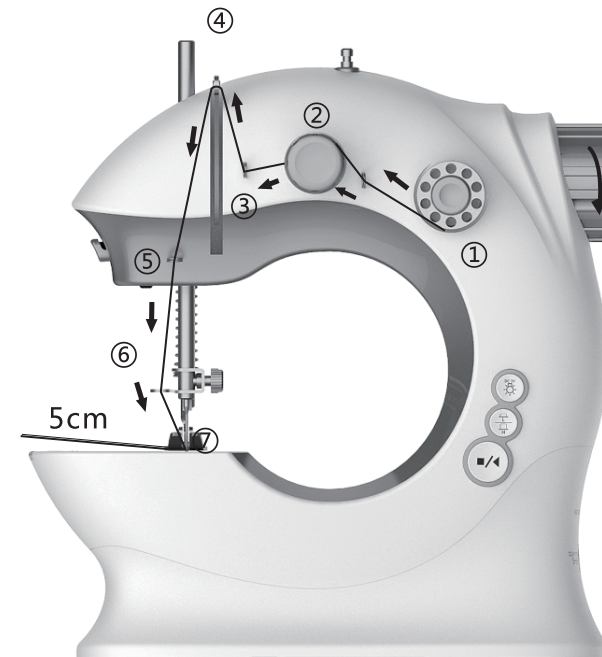
Be careful : before replacing the surface line, the bottom line and pulling out the bottom line, you must first turn off the switch, and then remove and unplug the battery; So as not to cause injury due to the sudden start of the sewing machine.

Method of threading and replacing the noodle line

Please refer to the pictures of the surface lines (1-7) shown in the figure on the right, and the product can be directly sewn.

If you use a long spool purchased from the market, please pull the fixed rod on the top of the product upwards, and then insert the spool into the spool, and the direction of the spool is clockwise, and the line is threaded sequentially from the pictures (1-7).

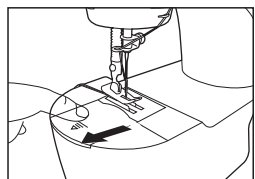
*When piercing the pinhole, it must be passed through from left to right and retain a 5cm long thread tip; In order to ensure normal sewing.



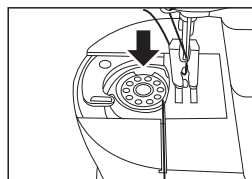
Install/replace bottom line and remove bottom line methods

Be careful: before replacing the surface line, the bottom line and pulling out the bottom line, you must first turn off the switch, and then remove and unplug the battery; So as not to cause injury due to the sudden start of the sewing machine.

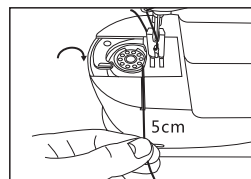
1. Press and hold the shuttle core cover plate with your hand and push it out in the direction of the arrow, and remove the empty or need-to-replace core (As picture 1).
2. Put the required core into the magnetic coupling (As picture 2).
3. Pull out the thread 5cm long (As picture 3).
4. Then hold the noodle line head with your left hand, and turn the hand wheel with your right hand (rotate in the direction of the arrow on the hand wheel), and rotate it for a week; The left hand pulls up the noodle line, and the bottom line is automatically lifted. Pick up the bottom line with your hands (As picture 4 and 5).
5. Finally, push the shuttle core cover plate back to the original position from left to right, and press the surface line and the bottom line together under the press foot and put it back. Bottom line installation or replacement bottom line completion diagram (As picture 6).



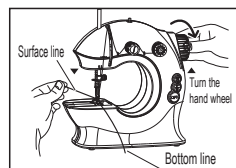
Picture 1



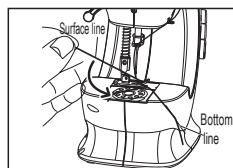
Picture 2



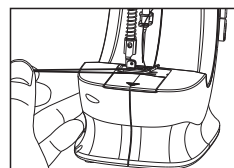
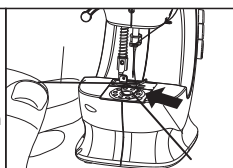
Picture 3



Picture 4



Picture 5

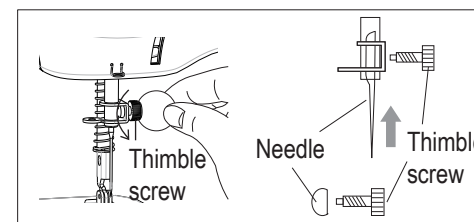


Picture 6

Replace the needle method

1. Remove the battery or unplug the power supply first to avoid accidentally touching the switch and being punctured.
2. Loosen the thimble screw and pull the needle down on the machine.
3. Insert the face of the needle plane to be changed into the needle rod hole in the direction of the thimble screw, and push it to the bottom and cannot let go; Then tighten the thimble screws.

Note: The needle must be in the correct direction and be sure to tighten the thimble screw to avoid accidents when the needle falls off.



The external power supply method

*When plugging in the power supply, be careful to put the switch in the "off" state.

1. mproper use of the power adapter can easily cause damage to the product itself or may endanger the safety of people and property.
2. Please note that beware of electric shock, the power adapter may be hot.

