

## APPLICABLE CLOTH FOR SEWING

Sewing Presentation / Cloth specification	Cotton/Linen	Silk/Wool	Polyster	Elastic
Regular	✓	×	✓	△
Thick	✓	×	✓	△
Thin	✓	×	×	×
Hard	✓	✓	✓	△
Soft	×	×	×	×

### Sewing effective:

- ✓ : means easy to sew
- X : 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 < 0.35mm;

Thick (fabric): two layers of the fabric thickness > 0.8mm;

Regular (fabric): two layers of the fabric thickness > 0.35mm and ≤ 0.8mm.

#### 2. The definition of elastic cloth:

If the cloth, which size is "100mm x 30mm", is extending to or over 106mm under 0.5KG tension force, 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.

**hobbycraft** 12s

## Mini Multifunctional Household Sewing Machine

### Instruction Manual



**MODEL NO.: 12s**

Please read the Instruction Manual carefully before operating the sewing machine.

Please save this manual in a safe place.

The Machine is for Household Use only.



PRINTED IN CHINA

Problem	Problem cause	Amendment
No power or the machine runs slowly	Adapter power inadequate	Use compatible adapter.
Skipping stitches	Needle eye not in the middle	Remove and re-insert the needle with the flat side of the needle to the back.
	Needle bent	Remove and re-insert a new needle.
	Presser foot too loose	Tighten the presser foot.
Bobbin thread cannot be picked up	Bottom thread has been used up	Replace with new full bobbin.
	Needle threaded incorrectly	Re-thread the needle, making sure it is threaded from the front to the back.
Thread keeps breaking	Needle bent	Remove and re-insert a new needle.
	Needle shank not correctly fitted	Remove and re-insert a new needle.
	Thread tension dial, thread guide or thread pulling bar too tight	Loosen the thread tension between 3-5 number.
Stitches too loose or uneven	Top thread trapped around spool	Re-thread the top thread.
	Upper thread too loose	Adjust thread tension dial and make the stitches sew evenly.
Needle breaks	Needle bent or deformed.	Remove and re-insert a new needle.

**Double needle function (double needle can only be used for straight stitches, stitch number 1 to 3)**

**Warning:** Please turn off the on/off switch and unplug the adapter before you change the double needle and the double top thread spindle.

1. Change the double needle (same steps as P4 Needle replacement)
2. Change the double top thread spindle.
  - A. First, take down the top single thread and take out the single thread spindle.(Fig.22-23)
  - B. Install the double top thread spindle to the machine.(Fig.24-25)
3. Threading the double top thread according to the threading steps on P4.

**Caution:**

When threading the double top thread through the bobbin winder tension disk, please make sure each of the double thread goes through the separate slot, so we can avoid the threads get jammed when the machine is working.

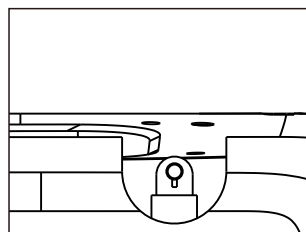


Fig.22

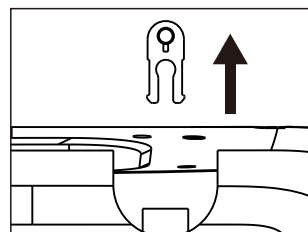


Fig.23

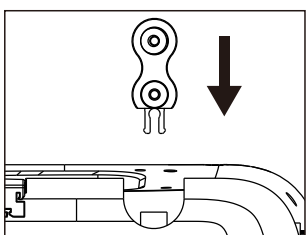


Fig.24

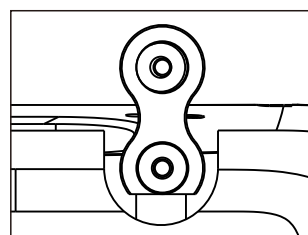


Fig.25

**Please read all instructions before using this appliance and keep the instructions for future reference**

**IMPORTANT SAFETY INSTRUCTIONS**

This sewing machine is for domestic use only.

Do not use outdoors

Powered by an AC/DC adapter










The sewing machine must be switched off with the adapter unplugged when:

- Threading the needle
- Changing the needle
- Changing bottom bobbin
- Changing parts
- Cleaning the machine
- After each use

**CAUTIONS:**

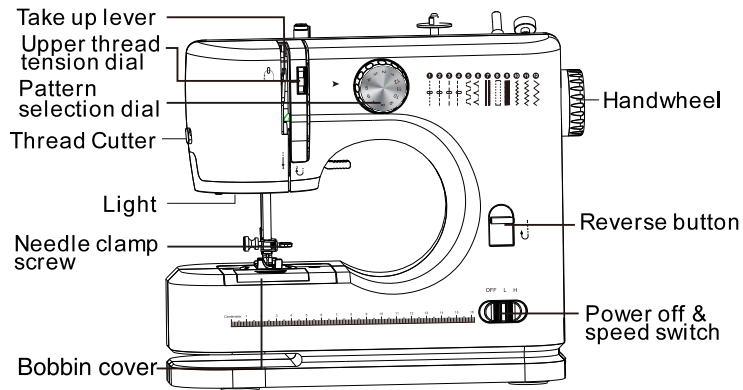
- Never leave the sewing machine unattended in the presence of children.
- When operating the sewing machine, keep your hands away from the needle, hand wheel, upper thread tension dial and pattern selection dial.
- To clean the sewing machine, simply wipe it with a soft cloth and never use any harsh chemical solutions.

**ACCESSORIES**

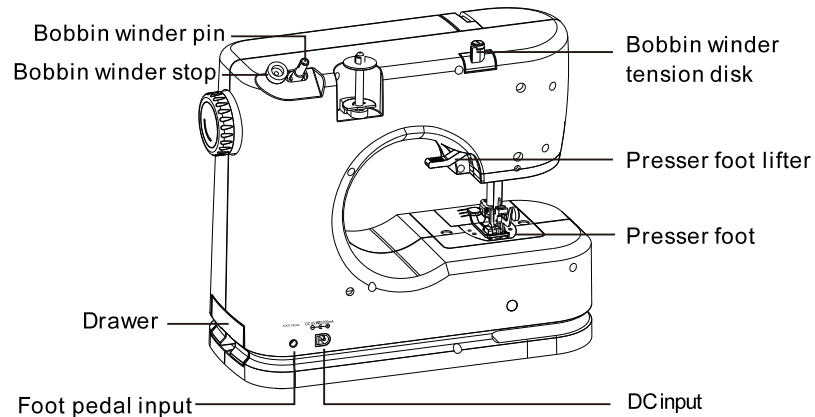
Foot pedal	×1	
Adapter	×1	
Thread spool	×2	
Bobbin	×2	
Needle threader	×1	
Needle	×1	
Twin-Needle	×1	
Extra thread spool pin	×1	
Buttonhole presser foot	×1	

## NAME OF PARTS

### Front view



### Back view



## SEWING A BUTTONHOLE MANUALLY

- (1) Put the cloth under the presser foot and lower the presser foot on the cloth where you need to sew buttonhole, then choose the stitch pattern #8.
- (2) Turn on the switch and sew 5-6 stitches in low speed, then turn off the switch (Fig.17).
- (3) Choose the stitch pattern #7, turn on switch and sew on the cloth in suitable length, then turn off switch. Note that try to keep sewed stitch in straight line (Fig.18).
- (4) Choose the stitch pattern #8, then turn on switch and sew 5-6 stitches in low speed, then turn off switch (Fig.19).
- (5) Raise the presser foot, rotating the cloth for 180° (Fig.20).
- (6) Choose the stitch pattern #7, then turn on switch and sew till buttonhole is fully sewed (Fig.21).

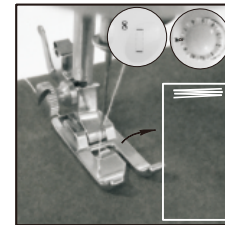


Fig.17

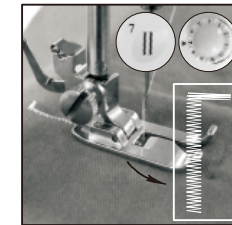


Fig.18

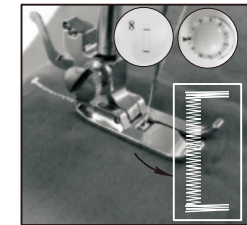


Fig.19

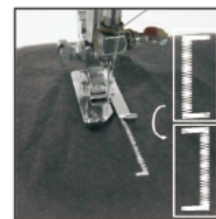


Fig.20

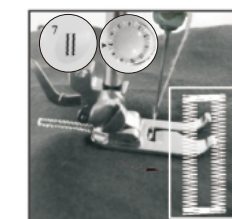
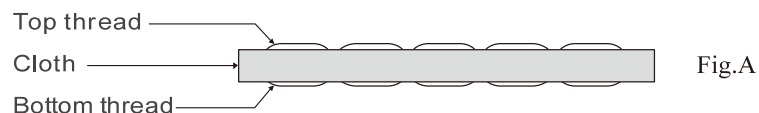


Fig.21

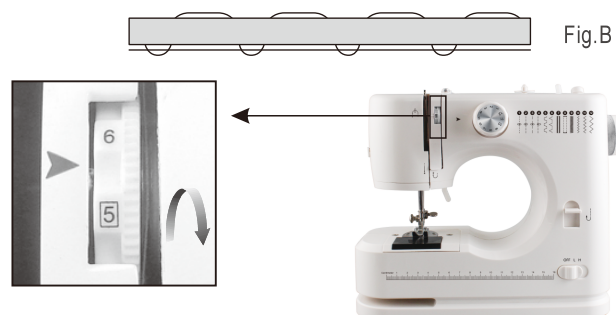


## ADJUSTING STITCHING

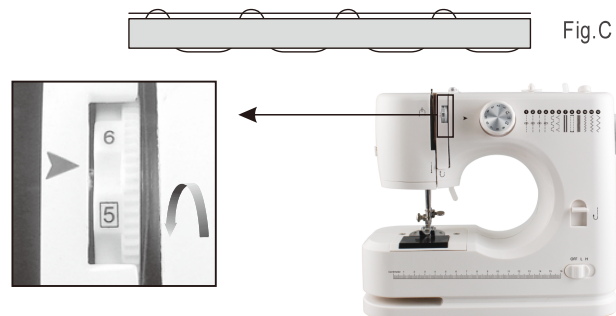
1. As shown in the picture(Ref: Fig.A) normal stitching should be neat with top and bottom stitch, neither too tight nor too loose.



2. If the bottom stitch looks like a straight line(Ref: Fig B), it indicates the top thread is too loose. Turn the upper thread tension dial to a bigger number to increase the top thread tension pressure until the top and bottom stitch is well balanced.



3. However, when the top stitch looks like a straight line(Ref: Fig C), it indicates the top thread is too tight. Turn the upper thread tension dial to a smaller number to reduce the top thread tension pressure until the top and bottom stitch is well balanced.



1. Make sure the "power OFF/L & H speed switch" is in the "OFF" position.
2. Connect the jack Position A to the DC input socket on the back of the sewing machine, and connect the two-pin plug Position B into the Main power supply.
3. Connect the foot pedal Position C to the sewing machine by inserting the jack into the foot pedal input socket on the back of the sewing machine.
4. You can use the foot pedal and the power/speed switch (H stands for high sewing speed while the L stands for low sewing speed) to operate the sewing machine.

The machine will not work without the foot pedal.

## CAUTION:

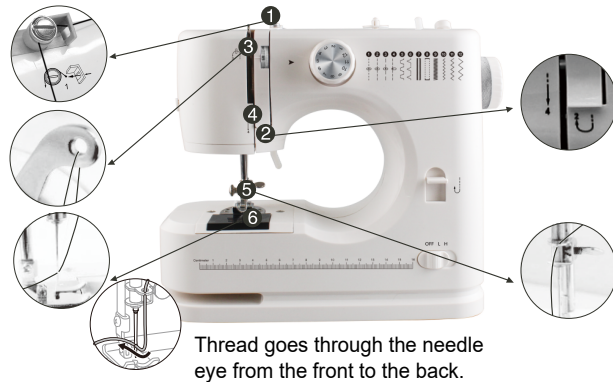
Whenever the sewing machine is not in use, make sure it is switched off and unplugged from the mains power supply.



## THREADING THE SEWING MACHINE

### Threading upper thread

**Caution:** When threading the sewing machine make sure that the "power OFF/L & H speed switch" is in the OFF position and follow the steps 1-6 below. Turn hand wheel counter clockwise until the needle is in the highest position.



## NEEDLE REPLACEMENT

**CAUTION:** Remove the batteries and/or disconnect the AC/DC adapter before starting to replace the needle.

1. Turn the hand wheel to raise the needle to its highest position.
2. Hold the old needles and loosen the needle clamp screw. Remove the old needle and discard responsibly.
3. Insert the new needle into the clamp with the flat side toward the back. Be sure to push the needle all the way up before tightening the needle clamp screw.
4. Tighten the needle clamp screw.



Fig.1

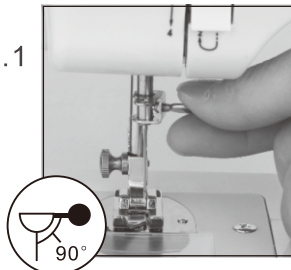


Fig.2

## FEATURES

### DRAWER

On the side of the sewing machine (towards the rear) is a drawer for the handy storage of accessories



### WINDING THE BOBBIN

1. Put a spool of thread on spool pin .(Fig.11)
2. Guide the thread through the bobbin winder tension disk on the upper side of the machine. (Fig.12)
3. Put the bobbin on the bobbin winder pin, wind thread clockwise around bobbin several times. (Fig.13)
4. Push bobbin to the left. (Fig. 14)
5. Switch on the machine to start winding.(Fig. 15)
6. Switch off the machine to stop winding after appropriate volume of thread you wanted had winded on bobbin.
7. Push bobbin away from bobbin winder stop, take bobbin off the pin and cut the thread. (Fig.16)

**Note:** Please make sure there is no thread in the needle position while winding the bobbin.

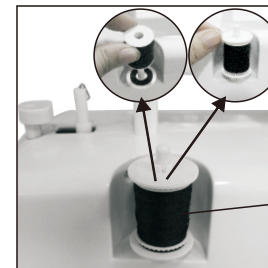


Fig.11



Fig.12

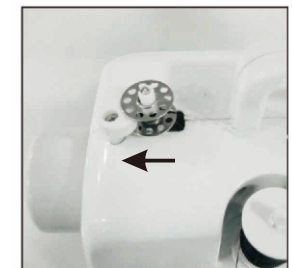


Fig.13

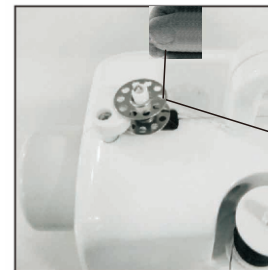


Fig.14

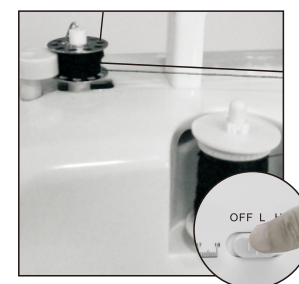


Fig.15



Fig.16

## 12 STITCH PATTERNS

1. The sewing machine has a choice of 12 different stitch patterns. To select the stitch you require, look at the diagrams numbered 1-12 on the front of the sewing machine, choose the corresponding number on the dial which is lined up with the arrow. For example: To select zigzag stitch (diagram number 6), simply turn the selector dial until the number 6 on the dial is lined up with the arrow.
2. When you wish to change a stitch pattern turn the hand wheel on the side of the sewing machine to raise the needle to the highest point and set the pattern selection dial to the desired stitch type in the same way as above.



## REVERSE STITCH BUTTON

Reverse sewing (back stitching) is useful for reinforcing the beginning and end of seams. To use this function proceed as follows:

1. Sew forwards as normal, and then press and hold down the reverse stitch button on the front of the sewing machine to sew backwards.
2. To sew forwards again simply release the reverse stitch button.
3. Reverse sewing distance is 1.5~4.5mm, according to the need to control the reversing button trip to control the sewing distance, reversing button pressing end ; sewing distance maximum.

## SETTING THE SEWING SPEED

Slide the switch button to "L" or "H" position.

L: Low speed

H: High speed



## WORK LIGHT

If additional light is needed, press the light switch to turn the light 'ON'. Press the switch again to turn it 'OFF'.



## SEWING SLEEVES

This sewing machine has been designed to sew sleeves or any narrow openings in garment.

1. Lift the presser foot.
2. Position the garment over the sewing arm.
3. Lower the presser foot and follow the regular sewing instructions



1. Turn the hand wheel counter clockwise until the needle is in the highest position. Raise presser foot lifter.
2. Press and pull the bobbin cover towards you to remove the bobbin cover (Fig.3).
3. Put the new bobbin in the holder, with the thread going clockwise. Leave 10 cm of thread hanging out (Fig.4)
4. Hold the end of the upper thread with one hand, and turn the hand wheel counterclockwise with the other hand, the needle thread will pick up the bobbin thread and pull it up through the hole under the needle (Fig.5).
5. Replace the bobbin cover and separate the two threads and pull them to the back of the machine under the presser foot, leaving about 15cm hanging there (Fig.6).



## CAUTION:

1. Always switch off the appliance, disconnect from the power supply and remove foot pedal when replacing bottom bobbin.
2. Please use metal bobbins, otherwise the magnetic holder cannot tense the bobbin thread and work rightly.



Fig.3

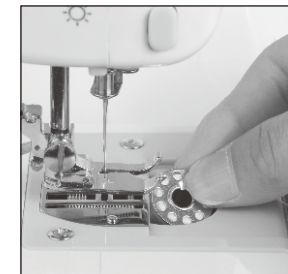


Fig.4



Fig.5



Fig.6

## 1. Removing the Presser Foot:

Turn the hand wheel counterclockwise to raise the needle to its highest position. Raise the presser foot lifter(Ref: Fig.A), and press the presser foot locking lever. The presser foot will drop off automatically from the locking device.(Ref: Fig.B)

## 2. Installing the Presser Foot:

Put the presser foot under the presser foot locking device, lower the presser foot lifter(Ref: Fig.C), press the presser foot locking device to reset the foot, and lift the presser foot lifter.(Ref: Fig.D)

### Cautions:

1. Please always switch Power off, disconnecting the machine from the Power Adaptor and remove the foot pedal before replacing the Presser Foot.
2. When replace the presser foot, please place the machine on a stable platform.
3. When you put down the presser foot, please keep your hand or fingers from away the bottom side of the Presser Foot to avoid injuring your fingers.

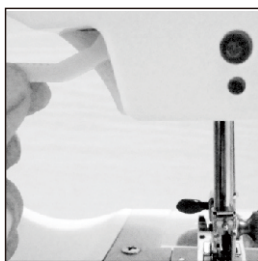


Fig.A



Fig.B

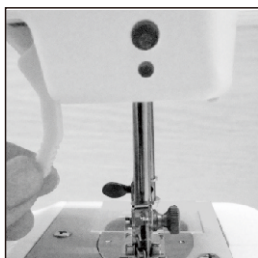


Fig.C



Fig.D

1. Turn the hand wheel counterclockwise to raise the needle to its highest position.
2. Raise the presser foot lifter and place the fabric you want to sew under the presser foot (Fig. 7 ).
3. Lower the presser foot (Fig. 8 ).
4. Rotate the pattern selection dial to select the stitch pattern you wanted.



### CAUTION:

- Before you change the stitch pattern, please turn off the switch and turn the hand wheel to raise the needle all the way up so it doesn't get stuck and bent.
  - Changing the stitch pattern is not allowed when the machine is running; otherwise, the needle and/or machine may damage.
5. Turn the hand wheel counterclockwise several times to make sure there is no jamming in the stitches.
  6. Slide the power switch to the Low or High speed position and the machine will automatically start sewing. We recommend the low speed for beginners (Fig. 9).
  7. When you finish the sewing, turn off the switch, unplug the adapter, turn the handwheel to raise the needle all the way up, lift the presser foot, and then gently remove the fabric from the sewing machine, and cut the thread with the thread cutter. (Fig.10).

### USAGE TIPS:

Please turn the hand wheel if it is difficult to remove the fabric, and then pull out the fabric gently.

If the thread had tangled or jammed, Please turn the hand wheel and simultaneously pull the thread slightly to release the thread. Bottom bobbin mechanism is a more precise part, inappropriate actions may damage it.

Please do not push or pull it by finger or any tools.

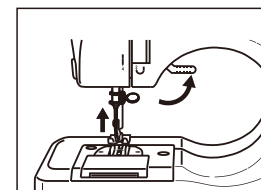


Fig.7

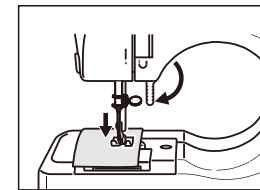


Fig.8

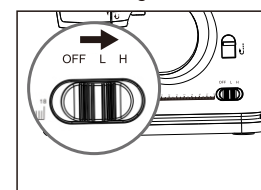


Fig.9

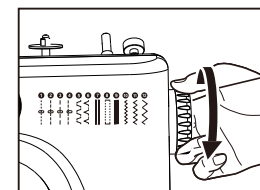


Fig.10