

USHA[®]

Straight Stitch



In this tutorial you will learn everything about Usha Straight Stitch sewing machine.



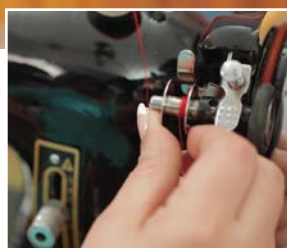
Congratulations and welcome to this tutorial where you will learn everything there is to know about your Usha Straight Stitch sewing machine. This is the simplest machine in our range and very easy to master.

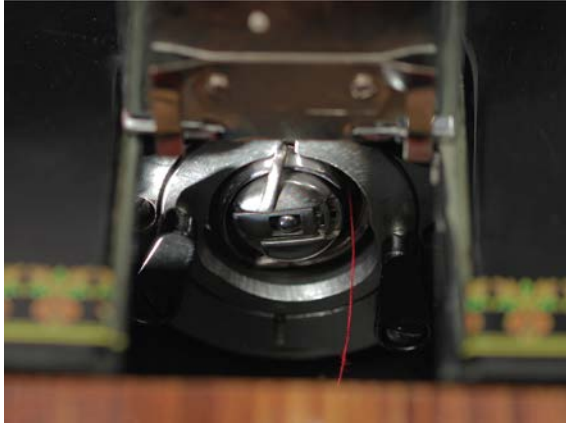
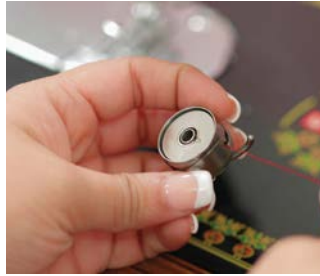
Just follow the tutorial carefully, yes, it may seem a bit complicated to begin with, but trust me when I say, you will soon be a master of it all. So let's get started shall we?

Let me start by teaching you how to Wind the Bobbin. We will begin with the bobbin Case Open the slide plate and remove the bobbin case. Next remove the bobbin from the bobbin case.

Draw thread from the spool and guide the thread around the bobbin winder tension bracket. Insert the bobbin on the bobbin winder spindle like this.

Next, press the bobbin winder latch to hold the bobbin. While holding the balance wheel with your left hand loosen the stop motion the way I am doing so. This will disconnect the machine from the flywheel.





And start the machine – when the bobbin is fully wound, it will stop automatically. Cut the thread. Remove the filled bobbin and tighten the stop motion. Now here – Place the bobbin into the bobbin case like this, now here make sure the thread unwinds in the clockwise direction. Pull the thread into the bobbin case slot. Then draw the thread under the tension spring and into the delivery eye while leaving about 10 cm that is (4 inch) of free thread.

Next is how to place the bobbin case with a filled up bobbin in the shuttle. Insert the bobbin case straight in the shuttle race, ensure that the bobbin case stopper gets fixed in the slot properly . Release the bobbin case clutch and the bobbin case is firmly fixed.

Now for the final step before you get started with actual stitching...lets learn how to thread the machine. I will just show you

First, raise the thread take-up lever to its highest position by turning the balance wheel towards you, like this. Next raise the presser foot. Take the thread through thread guide on the faceplate and while holding the thread, draw the thread down in to the thread tension unit like this.

Draw thread through the check spring at this point . Then take the thread through the thread take up lever from back to front as you can see me doing. And next pass the thread through faceplate thread guide like this. Next draw the thread down and slip it into the needle bar thread guide. Now for that final step -- Insert thread into the needle eye from left to right.

Hold the thread in your hand lower the needle into the needle hole by turning the flywheel. Continue to move the flywheel till the needle is up again. Pull the needle thread to draw up the bobbin thread.

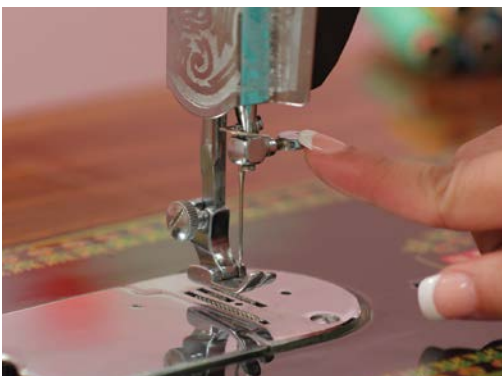


This is how you adjust the Thread tension for the upper thread. Move the Thread tension knob like this for loose tension and like this for tight thread tension... This plays a very important part in defining the final finish of the stitches. The thread tension needs to be just right...if it's loose you will find extra thread bunched up in every stitch making it very unsightly, and if it's too tight then the thread will keep breaking.



The Stitch regulator Knob helps you decide how long or short you want the stitches to be. It also allows you to do reverse stitching, by pulling the knob all the way down.

Now let's learn to change the needle.



To change the needle, loosen the needle clamp screw. And Pull the needle down. For home sewing machines the head of the needle is flat on one side and rounded on the other. While fixing the needle in the machine, ensure that the flat side is facing the needle bar.

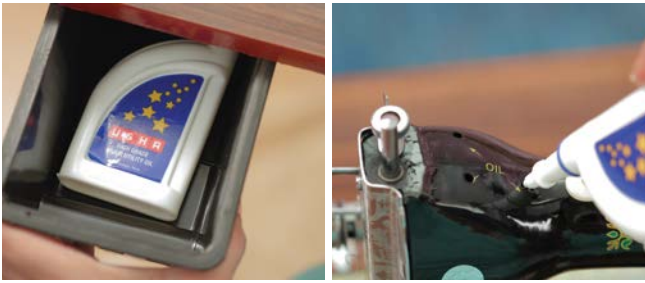


Next, we will teach you how to clean the shuttle.

Lift the slide plate and remove the bobbin case from the shuttle race. Turn the shuttle race clamps to pull out the shuttle. Clean the shuttle race with a soft cloth and replace shuttle.

The shuttle hook ring has a notch here...this needs to match the groove on the shuttle race for the shuttle ring to slide in smoothly.

Turn the clamps to close the shuttle race. Replace the bobbin case and close the slide plate.



Last but not the least, you will need to oil your machine from time to time for smooth functioning. An oil bottle is provided in the accessory box, which comes along with your straight stitch sewing machine. We need to oil in the allotted marked holes, as shown. If you use your machine once a week, lubricate once a month. If you only use your sewing machine once a month, lubricate once every three months



These machines are also available in a variant which is available along with a sturdy base and a cover. It is operational by hand and foot. This is for those of you who prefer an Usha Umang Composite Sewing Machine, operable by hand and foot

We hope you enjoyed this lesson!

