TRU-KNiT
circular knitting machine

UnBox & SetUp User Guide

Begin by opening both boxes. Locate the long rectangular box in the bottom of the tools and accessories box. Get the set of hex keys out to use during set-up.

Open machine box (the taller of the two boxes). Remove loose packing.

Remove Ribber: (big blob wrapped in foam in front of the machine). See picture, the finger is pointing to the ribber. Set aside

Remove Machine: Reach hand down into the hole of the cylinder and pull straight up to take the machine and stand out of the box. It is a tight fit on purpose. This is best done with supervision.

Unscrew the two knobs on the underneath side of the machine. Note your serial number, which is laser engraved on the underneath side of the base. They will need to be unscrewed almost all the way in order to separate the machine from the stand. The extra piece of wood is on the stand so it doesn't come loose in shipping.

Attach machine to table. Make sure that the table/workspace being used is sturdy. Once the machine is attached to the table it becomes side heavy. Tighten knobs

As one sits facing the machine the part of the machine closest to the person is known as the front of the machine. Likewise the part away from the person is the back of the machine. See this video for parts of the machine:

Install Mast: Locate the mast inside of the machine box that contained the machine on the wooden stand. Insert mast into the hole at the back of the machine above where it says tru-knit. Install the flat part of the mast towards the back of the machine so that when the thumb screw is finger tight the screw is against the indention on the flat part of the mast. Use the 3/16 hex key (a set of hex keys is included, it's in the accessory box in the other box) to tighten the thumb screw.

Yarn Guide
Use the 3/16 hex key to loosen the thumb screw on top of the mast. As you're facing the machine, The lowest yarn guide arm goes to the right. The middle yarn guide arm goes to the left and the top one goes straight out over the machine. The block on top of your yarn guide is black, this is my personal machine and my block never got anodized.

Release the heel spring by unhooking it from the hole in the mast.

Remove the locking pin that keeps the crank handle from turning. Tie a piece of yarn to this "key" that will distinguish it from other parts. Set it aside. Be careful not to lose it. Replacement locking keys are available for $5. Better yet, make a key fob to bling this key up so you don't lose it!

Tools and Accessory Box Contents

The short rectangular box on top contains the stem weights and a magnet. The magnet is there to trip the counter when you forget to reset the counter to 0. (ask me how I had to figure that one out!)

The empty cone is there to keep the heavy stem weight box from moving. There will be a brown cardboard box or a white box. If it's a brown box, it's an empty spacer box. If it's a white box, it will contain a cylinder and ribber dial. The project yarn in the box was used to knit the sock sample (it's inside the long rectangular box). The oil and waste yarn are self explanatory.

Locate the long rectangular box with a sticker on the top that states the contents of the box. Open this box and double check the contents to make sure everything was included.

Install Counter: Locate the counter inside of the setup bonnet. Unscrew the right cylinder screw using the 5/16 hex key and insert the screw into the counter bracket. Screw the screw back into the machine. The counter is now installed. Undo the cord and place the bracket with the digital readout on the table. The height of the yellow counter tripper should have been preset. Check that it will trip by powering up the counter then cranking the crank handle. install the tru-knit counter

When the yarn carrier (the famous silver bullet) passes by the counter bracket the number should advance. Note, the numbers don't decrease if you go the other way. It only counts forward.

Install cylinder needles. Locate the brightly colored plastic box that is labeled "cylinder." There are 100 cylinder needles inside this box. Along with a plastic bag labeled "spring extender" put the spring extender with the locking pin so it doesn't get lost either. Replacement spring extenders are $5.

Locate the two fins marked in hot pink on the top of the cylinder. These are the half marks. The needle slot behind the right hot pink mark is commonly known as needle number 1.

Insert the butt of the needle into slot one. Continue installing needles all the way around the machine, cranking forward as necessary.

The machine arrives at Jamie Mayfield's preferred sock tension for the yarn included with the purchase of the Tru-Knit, with the heel spring engaged.

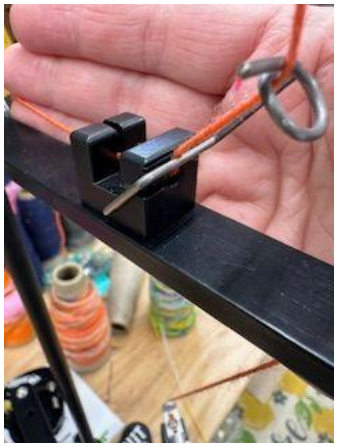
I would avoid cranking the machine forward without yarn. It is very easy for a latch to be sticking out and get wiped out by the silver bullet. That's right, the silver bullet will take a needle latch out in an instant. So if you see that a needle latch is stuck under the hook, you know that this is a bad needle and should be thrown away. When we set the machine up, we do not set it to where the silver bullet will do the open latches trick. Watch this video to set the silver bullet: adjust the silver bullet

NOTE: The silver bullet was designed to open latches when making heels and toes. It will open latches on the cylinder, as in when you lower the needles after making a heel…but crank slow at this point.

You are ready to cast on with waste yarn. See this video for casting on (I haven't made it yet)

TROUBLESHOOTING:

If there is backlash on the crank handle, you can use the ⅛" hex key to tighten the handle. Only tighten it enough so that there's no backlash. Here is a link to the video to change the crank handle and to adjust for backlash. crank handle adjustments



Proper threading of the heel spring. Here is a picture of how the block should look when threaded properly. Here is the video that shows how to thread it: thread the heel spring

Yarn should sit directly under the hole that you are threading.