



# **Rug tufting gun Instruction manual**

**Cut and loop pile versions  
non-pneumatic type**

# Happy Tufting.

**Thank you for purchasing a rug tufting gun.**

If you have any questions about the gun feel free to reach out.

Our website is full of videos and answers to common questions and issues.

Check out the **Tutorial** and **Help** pages.

[www.tuftinggun.com](http://www.tuftinggun.com)

**Tag me on your project on instagram!**

**@this\_is\_tim\_eads**  
and use hashtag **#tuftinggun**



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# Safety.

When threading the gun always turn off. It's best to unplug the machine so you don't accidentally turn it on.

Never touch the moving parts on the machine when it's running.

# Specifications.

	Loop Pile	Cut Pile
<b>Pile height (adjustable)</b>	157" to .55" (4-14mm)	.157 to .75" (7-19mm)
<b>Speed Range</b>	5-45 stiches/sec	5-45 stiches/sec
<b>Weight</b>	3 lbs (1.4 kgs)	3 lbs (1.4 kgs)
<b>Universal voltage</b>	100- 240 V 50 - 60 HZ	100- 240 V 50 - 60 HZ

The AC/DC converter that comes with the machine can handle up to 240 volts AC (Alternating current). Household electrical power all of the world comes to your house as AC. The AC/DC adapter included with your tufting gun converts up to 240 volts AC power to 30 volts DC (direct current) needed for your tufting gun.

This type of convertor is found on many devices we use everyday like laptops and phone chargers

The only thing you need to complete the conversion is a plug adapter included with your gun.

Please note: The plug adapter include in the box does not convert voltage so will NOT work on all devices.



Motor

On/Off Switch

Trigger

Speed adjustment dial

# Components.

These are the same for both loop and cut pile guns.

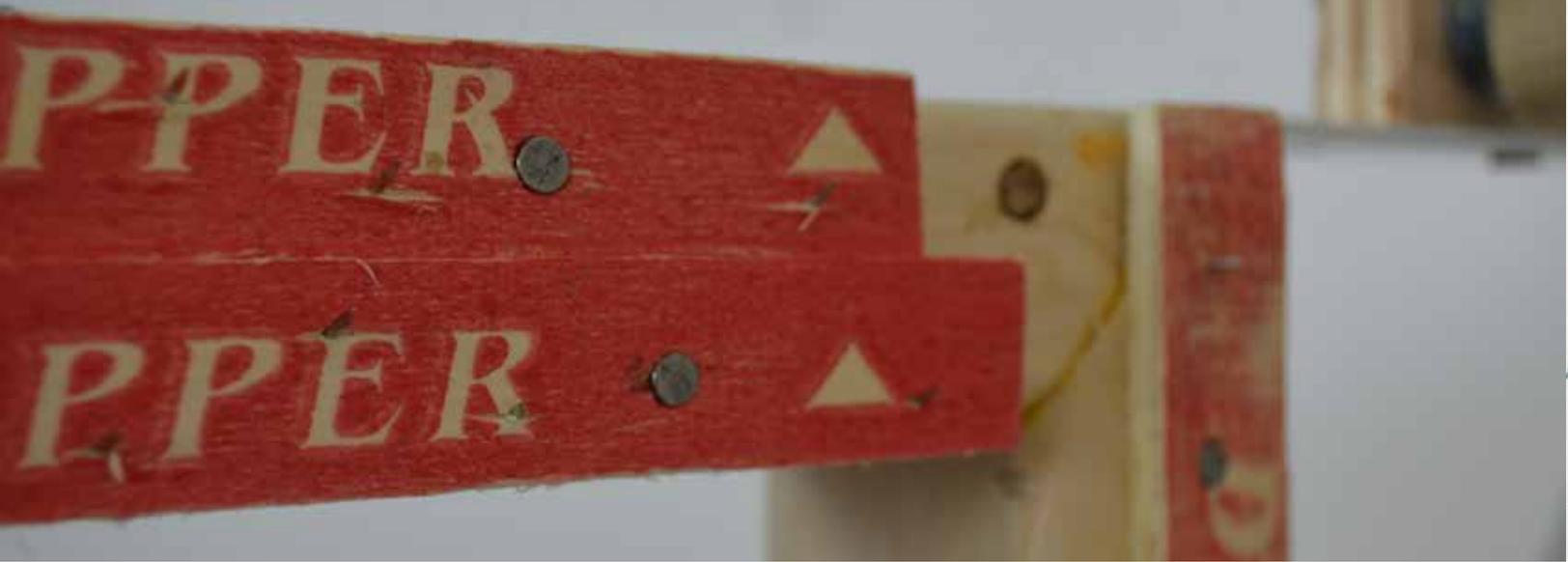
Needle

Foot

Foot height adjustment screw

Pile height adjustment bolt

Swivel handle



# Getting set up.

You'll need a frame to stretch your backing cloth on. The simplest, most effective method is to build a frame out of 2" x 4" framing wood found at your local hardware store. Carpet tack, also found at your hardware store, is then nailed to the edges so the backing cloth can stretch over the frame. This can be scaled to the size you desire. Here are images of my 48" x 48" frame.

There's a video of me building a frame on the website in **Tutorials**.



# Yarn feeding.

This is as important as anything in your rug tufting world. Here is a simple version that's great for cones. In this case the eye hook should be directly above the cone.

This can also work for yarn balls, but they may get caught.

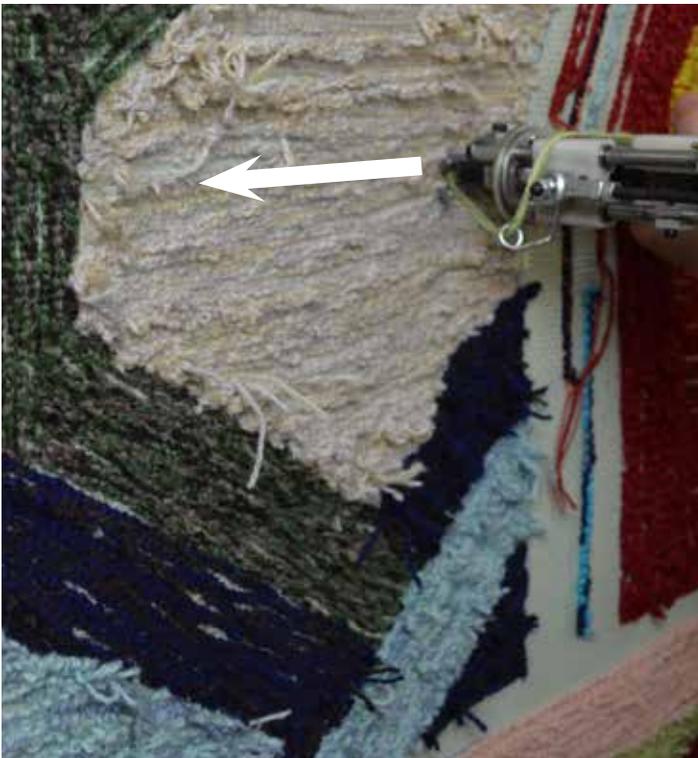
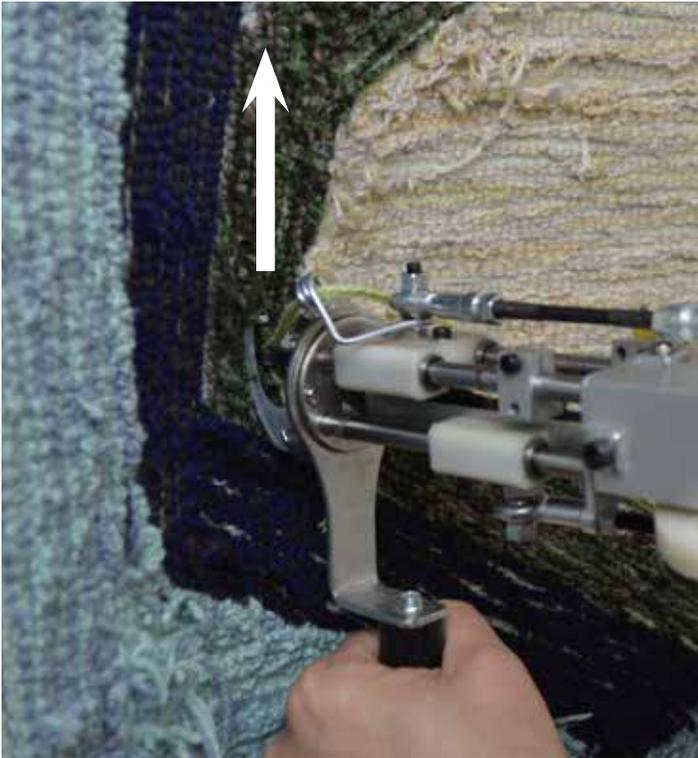
See the Help page for an example of a ball feeding stand.



# Using your gun.

Gun direction: It's important to maintain the proper direction when operating the tufting gun. Incorrect direction will result in failed tufting. Note the direction the foot is facing. Significant pressure must be applied to the backing in order for the tufts to be pushed to the front side of the rug.

Watch our [Quick Start Guide video here](#) for help.



# Threading the loop pile



# Threading the cut pile.

For a step-by-step threading video see our [Quick Start Guide here](#).

2.

1.



# Special note for cut pile.

Please be careful when adjusting the cut pile machine. Incorrect adjustments to the machine will cause the scissors to not work.

If the pile height is adjusted too high the scissors cannot work properly. Follow the [online video guide](#) for correct adjustments.

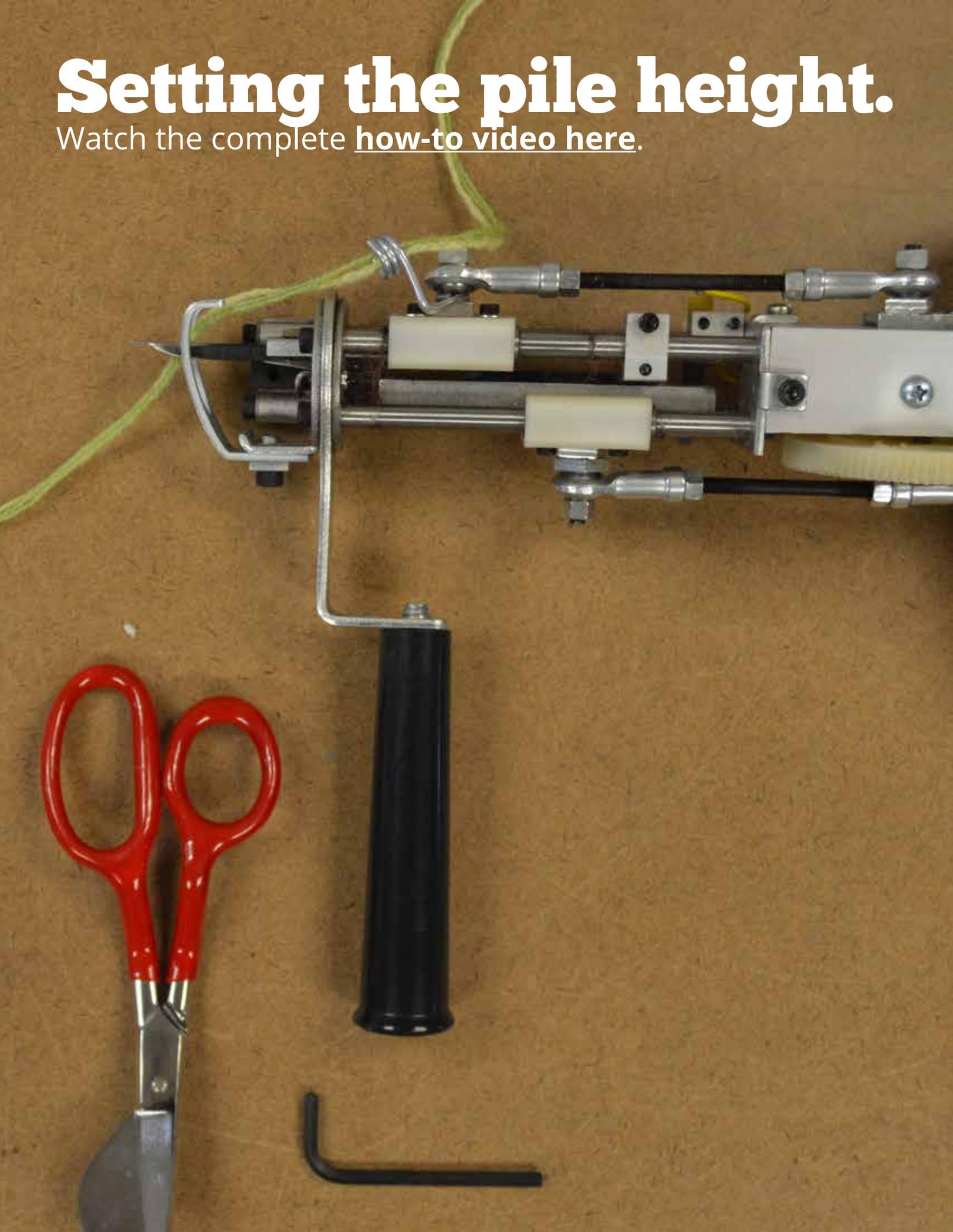
Never loosen or adjust the bolt below. This will cause the scissors to not work.



If the scissors stop working see [the help page](#) or email us.

# Setting the pile height.

Watch the complete [how-to video here](#).





# Let's get tufting!

Here's a step-by-step guide for rug completion. This assumes you have everything set up and ready to go.

1. Design your rug.
2. Choose yarn colors for corresponding areas.
3. Stretch your backing cloth over the frame as tight as you can.
4. Mark your design on the backing cloth. We use a sharpie marker. Your rug is tufted from the back of the rug so your design won't show through.
5. Label areas on the design the appropriate yarn colors. This helps when you're tufting.
6. Tuft your rug!
7. Apply adhesive and back fabric, if desired. Back fabric is not necessary unless you want to see the back of the rug. In many cases you might never see this. For example, the inside of a throw pillow or bag. A lining will cover this up.
8. Let dry and complete your project.

Still confused or need help? **Sign up for our online video workshop.**



# Where to buy stuff?

For a complete, up to date list visit our website Help page. <https://tuftinggun.com/apps/help-center>

## **Backing fabric.**

We suggest our high-quality tufting cloth for this. You can also use monk's cloth, but we've had mixed results with the machines shredding the cloth.

## **Yarn.**

Any yarn will do including cheap acrylic yarns to high quality wool rug yarns. Some yarns work better than others. Soft yarns may not work with the cut pile machine. The yarn we sell is guaranteed to work. Multiple strands of yarn can be put through the yarn to achieve proper rug density.

## **Adhesive.**

We use 3095 Carpet Adhesive found at most hardware stores or AAT1137 latex found at **Bond Products**, but any glue will do like Elmer's and PVA. It will need to hold the yarn strands in the backing.

# Maintenance.

Maintaining the machines are easy.

1. Add a drop of sewing machine oil to each linear bearing weekly to keep the machine running smoothly. See photo below.
2. The cut pile machine should have a drop of oil added to the scissor joint monthly.



# Troubleshooting.

For the latest information on troubleshooting, please [visit our online Help page](#).

