



The Mesh

Pipe Batten/Truss Setup Instructions

*It is best to wear gloves when handling The Mesh panel as the ends of the rolls tend to be prickly.

Step 1: Gather Necessary Materials

Count the number of panels used in your design, then begin by grabbing all install hardware. Each Panel needs the following:



1 @ Mesh roll & wooden batten
1 @ Duv bag or wrap piece

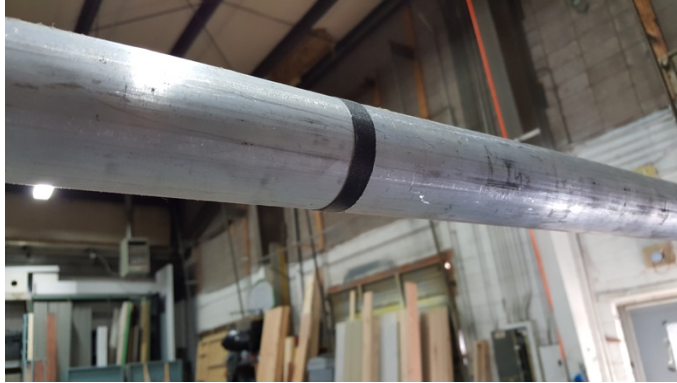


2 @ U-bolts
2 @ Ball clamps
2 @ Black Trim Chains

Step 2: Locate where Mesh Panels want to hang

Refer to design rendering to determine locations of all Mesh panels to be hung.

Spike both ends of wooden battens to ensure they end up in the right location (Each is 48" long)



Step 3: Determine which hanging location works best

Each batten has two options for hanging. This is meant to provide you with adjustability if there are truss supports, etc that get in the way of the desired hanging location.



Hanging Hole



Hanging Adjustment Slot

IMPORTANT NOTE:

Many different combinations of Hanging Hole and Adjustment Slot can safely be used to hang the mesh. It is important to make sure both ends are supported in some way. See clarification images below:



YES



YES



YES



NO

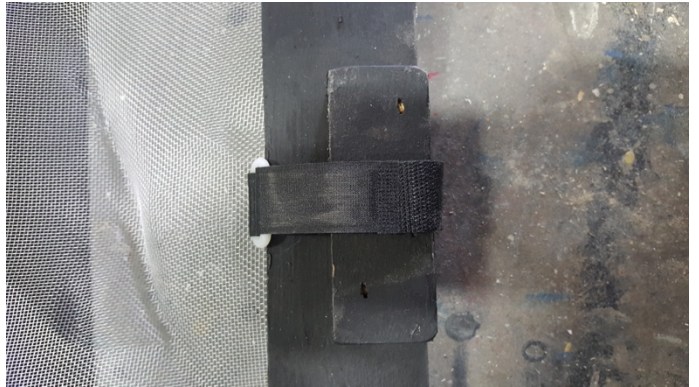
Step 4: Dress Velcro straps

For this method of set up, the Velcro straps that are permanently attached to the battens are not used.

Be sure to dress the straps so they are not visible when the mesh panel is hung



Undressed Velcro Strap



Dressed Velcro Strap

Step 5: Prep Hanging hardware

Place U-bolt over pipe in approximate hanging location (Image A). Take on of the 2 ball clamps and thread it onto the U-bolt on the Upstage side of assembly (Image B)



Image A



Image B

Step 6: Hang the Mesh Panel

With the trim chains threaded thru the desired hanging locations, thread the end link of the chain onto the open end of the U-bolt.

Begin with the Downstage chain link first (Image C)

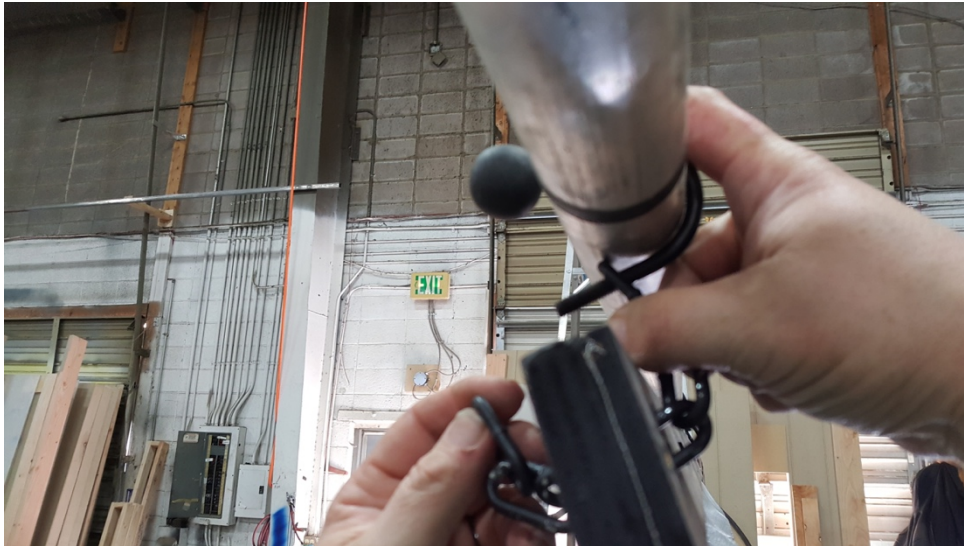


Image C

Then thread the Upstage link onto the U-bolt and lock into place by threading the second ball clamp onto the U-bolt. (Image D)



Image D

NOTE: It is important to thread the chain in this order so the unit hangs properly.

REPEAT Step 6 for the other U-Bolt Assembly

When both U-bolts are hung and the panel is supported you can do final adjustments. Keeping the balls slightly loose will allow for the U-bolts to slide easier, once in desired location be sure to lock them down and secure the entire assembly.

This is where the slots can come in handy and allow you to get the unit in the right place and avoid truss framing or other potential blockages.



Finished U-bolt hanger

Check to make sure your unit is on spike to guarantee proper alignment with other units. (Image E)



Image E

Step 7: Confirm Orientation and Unravel Mesh

Make Sure your finished assembly appears like the image below. The flat side of the batten should be facing Downstage and the additional wooden pieces should be facing Upstage.



If mounting to truss, the unraveling is easy. Make sure to hang all units and then fly out the truss. Rolls will need to be watched as the edges can stick and slow down the unraveling.

If mounting to a pipe grid or batten it might be easier to handle if you let the unit unravel before hanging so you don't need to hold the roll together while dealing with rigging hardware.

Step 8: Dress the bottom of the roll

If your desired trim height leaves you with extra mesh that is not used be sure to roll it neatly at the base of the panel. (Image F)



Image F

Once all panels have been rolled tightly at the bottom you can use supplied duv bags/panels to wrap the rolls and give them a clean finished look. (Image G)



Image G

Step 9: Strike

To Strike the Mesh panels simply follow these instructions in reverse order.

Be sure to track all loose rigging hardware and return it into the case in it's designated place.

When rolling up the Mesh panels be sure to roll tightly starting at the bottom of the panel. (Image H)

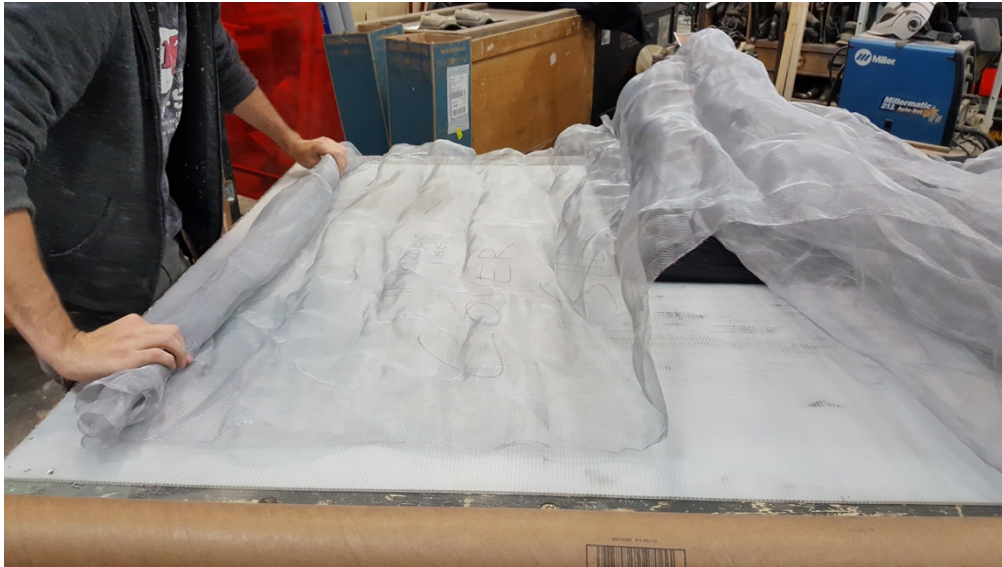


Image H

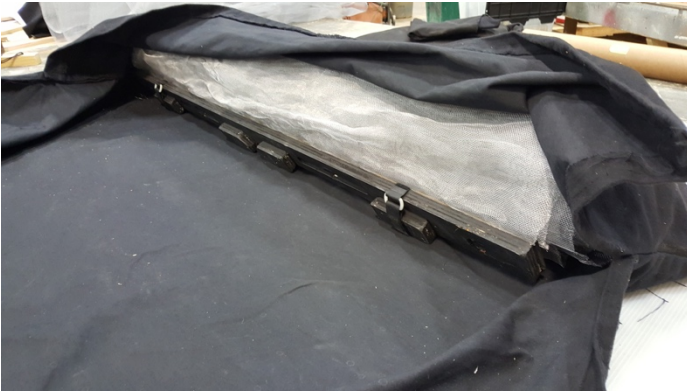
A finished roll ready for packing should be tight, with the wooden batten left accessible on the outside of the roll. (Image I)



Image I

Take finished Rolls and wrap for storage/shipment

If you are using a Duv bag, place roll inside and use flap to cover roll.



Mesh Inside Bag



Bagged rolled to contain Mesh

If you are using a Duv panel, place mesh roll on on end. Wrap Duv panel around Mesh and tie off tightly with supplied tie line.



Mesh rolled in Duv Panel



Tie off ends with Tie Line

Be sure to roll all panels up as tightly as possible to ensure there will be enough space for them to safely fit inside the roadcase for shipping.

If you have any questions, concerns, or difficulties feel free to call 303-744-6465 ext 101 for assistance.