

Hello everyone, my name is Logan Henning and I'm the captain of the large format printer. If you watching this video, you've probably forgotten how to use it but that's okay. We'll run through everything you need to know to use the large format printer again. To start off, take the large format printer out of standby mode. Next you're going to want to make sure that you have the material in the printer that you're gonna want to be using. Let's say there's a different material that you want to use that's not in the large format printer. I'll go through that. You can change out the media by pressing load unload media. And since there's already media in it right now, if you press unload media the rollers turn on and it will pull everything out. Now we'll take the roll and wind it up. Take the blue end off and now we'll place it on the wide format supplies shelf.

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This is the material that I want to be using. So we'll load this up now. Make sure that when you load onto the rack, you load it in a way so that the paper comes over the top. I'll show you how I mean

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since the black will always be on the right side.

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You can see that the paper is coming up over the top and now we can set this rack inside of the large format printer. It just pops in and doesn't take very much force. Based on the inner diameter of the roll, you have to use a different rack. You can see here that some rolls have a really small inner diameter and other ones have a larger one, so just grab the right rack for that one.

Now back to the roll that we've placed in the large format printer. I'm taking a closer look at the screen of what's going on when you load and unload media. Now that we have the media ready to be loaded, we'll press Load Media and we're going to select roll because we actually have a roll in there you'll only select sheets when you're using end pieces. Now it tells us to lift the lever and window and feed media. So this is the lever that you have to lift, and then lift the window. You can use the arm to keep the window up. When you're feeding the media, you're going to want to pull out about a meter of it

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then feed it above this top roller. You'll then see it pop up at the top and then you'll want to line it up with the blue dashes on the right.

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If you know that the large format printer was what cut this front edge last time was used. you can use that to help you line up and make sure it's straight. When you're lining it up, I found the most success when he lined up at the middle of both of the blue dashes. And then also you can see here, you can try to line up the front edge. Now that we have it all lined up, we can press the lever down. I'm gonna let the window down.

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Once you've done this, and it'll say loading media and it takes over. It will push the paper in and out several times to make sure that is lined up correctly. If your material isn't lined up correctly, don't get discouraged, it'll take an average of three times to get it loaded when you're starting out. Once it has successfully loaded, it's going to ask you to select a media vendor. Usually you'll want to select Hewlett Packard, but if you've got a different material that you want to try out, you can press others, 3M doesn't have very many options. So the material I'm using right now is heavyweight paper so we'll use this top option heavyweight coated paper. If you're using the canvas material, you can press Canvas matte UV

and you can select not known for the last media length. It will trim off the end, and then it tells you media load wind excess media onto roll. And all that saying is you have to wind this up until it's finger tight. And now we're good to go.

So we'll head over to Workstation 3 right here. This is the only computer that will work with it. And we'll load up our image that we want to use. If you come over to this computer and it's locked, the password is [posted on the whiteboard] and then you'll want to open Adobe Illustrator or Adobe Reader. I prefer to use Adobe Illustrator just to cover the basics to get you going. The size of the artboard is is going to be the size of your print. So if you go over and select the Artboard tool, you can see the size of your print right here. So right now it's going to be a width of 36 inches and a height of 20 inches. Make sure you make the width the same size as the material that you've just loaded. If you're using the heavyweight material that's 36 inches wide.

You can see I've already lined up my images here so I'm gonna get ready to print. We'll go to File, Print and then select the correct printer, which is the Pikes Peak large format printer. And then make sure you go over into setup, preferences and then we're going to select a custom size so we'll go to Custom and my dimensions are already entered in there since I've already done this print. But you'll select the dimensions that you want to do. We'll press OK. Print, and then make sure you press Done before you go back and you hit print again, that just makes it so it can refresh and actually takes in all of the input you just gave it will press print.

Now we'll head back over and see what the menu on the printer says. You can see it says receiving now. Next, after it's received your print, it's saying preparing print heads Once the printer has finished, it's going to cut off the material for you.

Don't be alarmed if the colors don't look quite right while you're at the makerspace. I've noticed that oranges look a little bit more yellow and dark shadows look a little bit tinted blue, but whenever I get home the colors look just right.

Now we'll take it over and get it cut. I found the easiest way to line this up is if you line up with the middle ruler here.

And that should be everything you need to know to get started on the large format printer again.

Don't forget to pay for your materials.

The heavyweight paper is \$1 per linear foot. So since this print was two feet long, it's going to be \$2 and the canvas material is \$3 [per linear foot].

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