Getting started:

Powering On the Printer:

- Locate the power button on the front panel of the BN-20.
- Press the button and wait for the printer to initialize. This process might take a few minutes as the machine checks for any issues and gets ready for use.

Patrons will need to ask staff to load desired media on the printer.
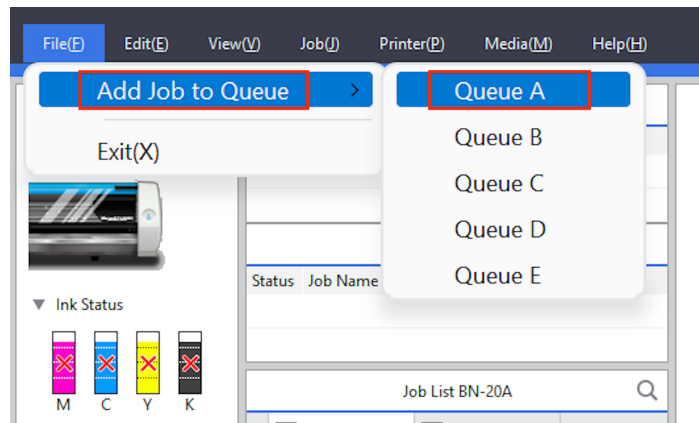
Preparing Your Design:

Opening the Design Software:

- Launch Roland VersaWorks on designated computer:

Importing Your Design File:

- Open your design file in VersaWorks by selecting "File" in the top left corner and put your files in a "queue"

- Supported formats for this printer include: PNG, JPEG, EPS, PDF and TIFF.
- Ensure the design is in CMYK color mode for accurate color output (The Roland is a CMYK printer).

Printing Your Design

Checking Printer Settings:

In VersaWorks, go to the print settings (⚙) and adjust key parameters if you would like:
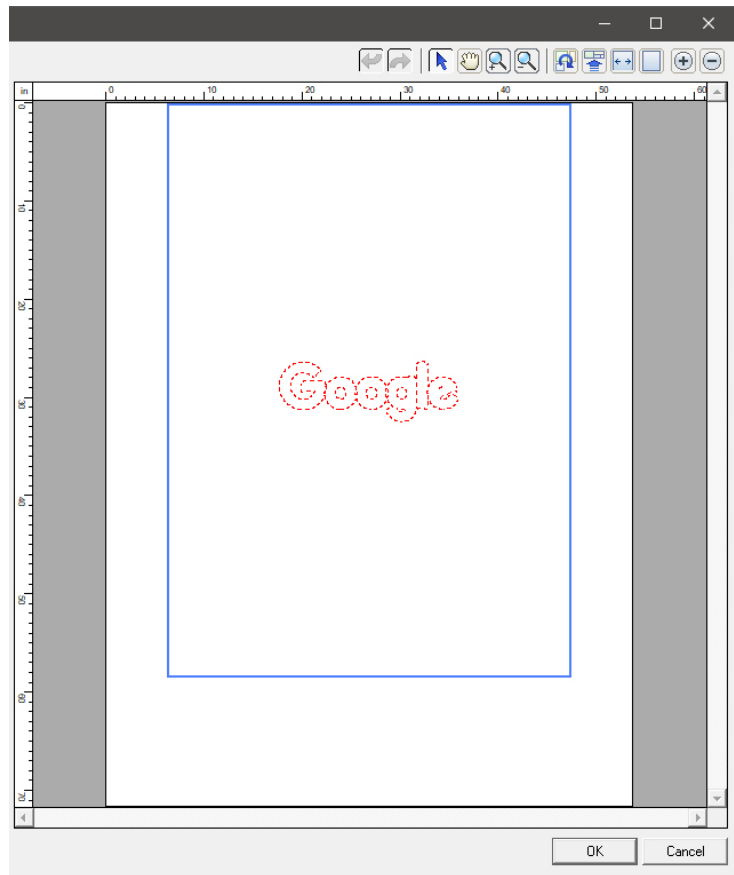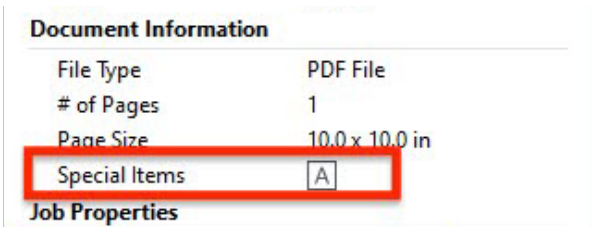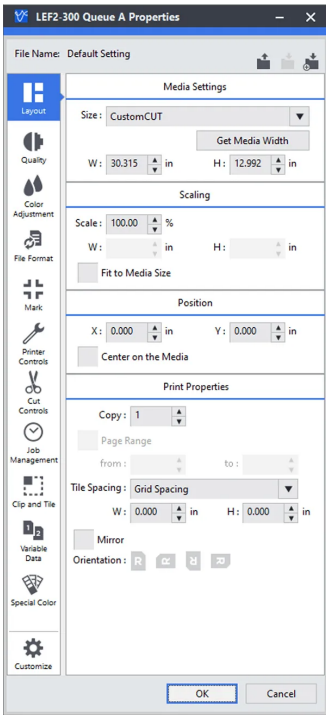- Color output: Various types of color profiles within VersaWorks
- Print Quality: Choose the desired quality (high-quality, standard, draft).

Cutting (if applicable)

Setting Up Print and Cut Lines:

- **Cut Controls:** Enable cutting options if needed which include cutting image boundary (cuts around the design in the shape of a square) or amount of times to cut media. If the printer is cutting out your design through the media, please abort print job

- **Cut Lines:** You should define custom cut lines using a vector path in Adobe Illustrator. Cut lines should be distinguished with a specific stroke color that will allow VersaWorks to recognize this as a cutting path.

In VersaWorks, ensure the cutting paths are defined by the letter "A" in a box where the document information is and red lines that look like red ants marching around your design

Sending the Job to the Printer:

- Select "Print" to send the job to the BN-20.
- Monitor the printer as it works. You can stop (Abort) the job if any adjustments are needed.

Executing the Cut:

Once printing is complete, the machine will automatically switch to cutting mode. The cutter will follow the defined paths to cut out the shapes as specified in your design.

Removing and Handling the Output

Unloading the Media:

After printing and cutting, carefully cut the media from the roll using a separate tool, like scissors or a vinyl cutting knife.

If the cut area is too small, push the lever back on back lefthand side of the machine to release the roll of media.

Gently remove finished print from the platen to avoid smudging or damaging the print.

Post-Processing:
If the print requires additional processing (e.g., laminating), ensure the ink is fully dry before proceeding.

Heat pressed vinyl:
Weed away excess material from the cut design, leaving only the backer and design.

Prepare your fabric by pre-pressing it with the heat press to remove wrinkles and moisture. With a piece of transfer mask that will cover the entire design, Place the transfer mask over the weeded vinyl design.

Use a squeegee or a credit card to smooth out any air bubbles and ensure the mask adheres well to the vinyl.

Carefully peel away the backer of the vinyl, leaving the design on the transfer mask.

Once the vinyl is securely in place, use the heat press to apply heat and pressure according to the vinyl's specifications. This will adhere the vinyl to the fabric.

After pressing, let the vinyl cool slightly. Then, carefully peel off the transfer mask. The vinyl should remain adhered to the fabric.