

Hello, Crow - Laser Cutting Instructions

Using Your Digital Cut Files

Thank you for your purchase! Your layered crow art files are designed to create beautiful, dimensional paper art using a laser cutter. Please follow these instructions carefully for best results.

What You'll Need

- *Laser cutter with SD card capability (if needed)*
- *SD card and adapter (if needed)*
- *Colored paper (cardstock recommended, 65-80lb weight)*
- *Safety glasses rated for your laser wavelength*
- *Computer with file extraction capability*
- ***For Assembly:*** *Repositionable spray adhesive OR small photo glue stick (recommended over double-sided tape)*

Step-by-Step Instructions

1. Prepare Your Files

- *Unzip the downloaded file package*
- *You'll find multiple gcode files, each representing one layer of your artwork*
- *Files are numbered in stacking order (Layer_01 = bottom, Layer_02 = second, etc.)*

2. Transfer Files to SD Card

- *Insert your SD card into your computer (using adapter if necessary)*
- ***Transfer ONE file at a time*** - *do not put all files on the card simultaneously*
- *Start with Layer_01 (your bottom layer)*

3. Prepare Your Laser Cutter

- *Ensure your workspace is clean and well-ventilated*
- ***PUT ON SAFETY GLASSES*** *rated for your laser's wavelength*
- *Turn on your laser cutter*
- *Insert the SD card into your laser cutter*

4. Set Up Your Material

- *Place your colored paper on the cutting grid*
- *Ensure paper is flat and properly positioned*
- *Check that material thickness settings match your paper*

5. Cut Your Layer

- *Select your file from the SD card menu*
- *Double-check your settings (speed, power, material type)*
- *Start the cutting process*
- ***Never leave the machine unattended while cutting***

6. Repeat for Each Layer

- *Remove the cut piece carefully*
- *Eject SD card from laser cutter*
- *Return to computer and replace with the next layer file*
- *Repeat steps 2-5 for each subsequent layer*

7. Assembly - Alignment Tips for Perfect Results

IMPORTANT: Take your time with alignment - this makes the difference between good and stunning results!

Setup:

- *Work on a clean, flat surface with good lighting*
- *Have all your cut layers organized by number*

Alignment Technique:

- **Start with Layer_01** (bottom layer) positioned where you want the final piece
- **For Layer_02:** Hold it above Layer_01 and align the outer edges first, then look for distinctive features (beak, eye, wing tips) to match perfectly
- **Test position BEFORE adhering:** Place the layer down gently, check alignment from multiple angles
- **Work from center outward:** Once edges align, check that central details line up
- **Use repositionable adhesive first:** Spray mount or glue dots allow you to adjust position before final bonding

Pro Assembly Tips:

- *If using double-sided tape: Cut small pieces for corners only, not full strips*
- **Better option:** Small glue dots in 3-4 spots rather than continuous adhesive

- **Best option:** Repositionable spray adhesive - allows fine-tuning position
- Build one layer at a time - don't rush the stacking process

8. Final Assembly

- Once all layers are positioned and aligned, press gently to secure
- Avoid pressing too hard - you want to maintain the dimensional layered effect
- Let adhesive set before handling

Safety Reminders

- **Always wear appropriate safety glasses**
 - Never leave laser cutter unattended during operation
 - Ensure proper ventilation
 - Keep fire extinguisher nearby
 - Follow your specific laser cutter's safety protocols
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Tips for Best Results

- Use consistent paper weight across all layers (65-80lb cardstock recommended)
- Test cut on scrap material first
- Clean your laser lens regularly
- Take your time with alignment - this step determines your final result quality
- Store completed artwork away from direct sunlight

Recommended Supplies for Assembly

- **3M Repositionable Spray Adhesive** (available at craft stores)
- **OR Glue Dots** (small, removable type)
- **Avoid:** Full strips of double-sided tape (harder to position precisely)

Questions?

Contact us at hellocrow@renecapella.com for support or troubleshooting.

Enjoy creating your layered crow art!
