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Logia LODCMA5

Logia A5 Electronic Die Cutting Machine User Manual

Model: LODCMA5

1. Introduction

The Logia A5 Electronic Die Cutting Machine is designed for creating detailed cuts, embellishments, and embossed designs for various crafting projects such as scrapbooking and card making. This machine simplifies the die-cutting and embossing process with its electronic operation, eliminating the need for manual cranking. It is compatible with most thin crafting surfaces including paper cardstock, fabric, plastic, metal, and wood, and works with most thin metal dies and embossing folders.

2. Package Contents

Before beginning, ensure all components are present in the package:

- Logia A5 Electronic Cutting & Embossing Machine
- 5 Metal Dies
- 1 Embossing Die Folder
- 2 Cutting Plates (Plate B)
- 1 Plastic Shim (Plate C)
- 1 Magnetic Mat (Plate D)
- 1 Embossing Rubber Mat (Plate E)
- 1 Metal Shim (Plate F)
- Power Cord
- User Guide (this document)



Figure 2.1: Included plates and shims. From top to bottom: two Cutting Plates (B), Plastic Shim (C), Magnetic Mat (D), Embossing Rubber Mat (E), Metal Shim (F).

3. Setup

1. **Unpack the Machine:** Carefully remove the Logia A5 Electronic Die Cutting Machine and all accessories from its packaging.
2. **Placement:** Place the machine on a stable, flat surface. Ensure there is enough space around the machine for materials to pass through.
3. **Power Connection:** Connect the power cord to the machine's power input port and then plug it into a standard electrical outlet.
4. **Familiarize with Controls:** Locate the control buttons on the top of the machine. These typically include Power, Forward (RUN), and Reverse (REV) buttons.

EASY-TO-USE CONTROLS
WITH AUTO OVERLOAD PREVENTION



Figure 3.1: Control buttons for operation: RUN, Power, and REV.



Figure 3.2: The machine features a convenient carry handle for transport.

4. Operating Instructions

The Logia A5 machine offers simple one-touch operation for both die-cutting and embossing. The key is to create the correct "sandwich" of plates, shims, and your material with the die or embossing folder.

4.1 General Operation Steps

1. **Power On:** Press the Power button to turn on the machine.
2. **Prepare Your Sandwich:** Assemble the appropriate plates, shims, material, and die/embossing folder according to the desired function (cutting or embossing). Refer to sections 4.2 and 4.3 for specific sandwich configurations.
3. **Insert Sandwich:** Carefully insert the prepared sandwich into the machine's opening. The infrared sensor will detect the material.
4. **Process:** Press the **RUN** button to start the cutting or embossing process. The machine will automatically feed the sandwich through. If needed, press the **REV** button to reverse the direction.

5. **Retrieve:** Once the process is complete, retrieve your material and disassemble the sandwich.
6. **Power Off:** Press the Power button to turn off the machine when finished.

4.2 Die-Cutting

For die-cutting, the typical sandwich order (from bottom to top) is:

- Cutting Plate (B)
- Magnetic Mat (D) (optional, helps hold dies in place)
- Die (cutting edge facing up)
- Material (e.g., cardstock, fabric)
- Cutting Plate (B)
- Additional shims (Plastic Shim C or Metal Shim F) may be needed depending on the die and material thickness to achieve optimal pressure. Experiment with different combinations.



Figure 4.1: The machine is compatible with most embossing folders and dies.



Figure 4.2: Example of intricate designs cut using the machine.

4.3 Embossing

For embossing with an embossing folder, the typical sandwich order (from bottom to top) is:

- Cutting Plate (B)
- Embossing Rubber Mat (E)
- Embossing Folder with material inside
- Cutting Plate (B)
- Additional shims (Plastic Shim C or Metal Shim F) may be needed to achieve optimal pressure for a clear impression.

For embossing with a die and a rubber mat, the typical sandwich order (from bottom to top) is:

- Cutting Plate (B)
- Embossing Rubber Mat (E)
- Material
- Die (cutting edge facing down, or up if using a different technique)

- Cutting Plate (B)



Figure 4.3: Example of an embossed design created with the machine.

5. Maintenance

To ensure the longevity and optimal performance of your Logia A5 Electronic Die Cutting Machine, follow these general maintenance guidelines:

- **Cleaning:** Regularly wipe the exterior of the machine with a soft, dry cloth to remove dust and debris. Avoid using abrasive cleaners or solvents.
- **Plate Care:** Cutting plates are consumable items and will show wear over time. Rotate and flip them to extend their lifespan. Replace them when they become excessively warped or cut through, as this can affect cutting quality.
- **Storage:** Store the machine in a clean, dry place away from extreme temperatures and direct sunlight.
- **Power Cord:** Inspect the power cord periodically for any signs of damage. If damaged, discontinue use and contact customer support.

6. Troubleshooting

Problem	Possible Cause	Solution
Machine does not power on.	Power cord not properly connected or no power from outlet.	Ensure the power cord is securely plugged into both the machine and a working electrical outlet. Test the outlet with another device.
Material is not cutting or embossing properly.	Incorrect plate sandwich configuration or insufficient pressure. Worn cutting plates.	Review sections 4.2 and 4.3 for correct sandwich assembly. Experiment with adding or removing shims (Plastic Shim C, Metal Shim F) to adjust pressure. Replace worn cutting plates.
Machine jams or stops during operation.	Material is too thick or sandwich is too tight, triggering overload protection.	Press the **REV** button to eject the sandwich. Reduce the thickness of your material or adjust the plate combination to decrease pressure. The machine has built-in overload protection to prevent damage.
Machine makes unusual noises.	Foreign object in the rollers or internal malfunction.	Immediately power off the machine. Inspect the rollers for any obstructions. If no obstruction is found and the noise persists, discontinue use and contact customer support.
Missing accessories upon unboxing.	Packaging error.	Refer to the "Package Contents" section (2) and contact Logia customer support with your purchase details.

7. Specifications

- **Brand:** Logia
- **Model:** LODCMA5
- **Operation Mode:** Electronic
- **Compatible Materials:** Vinyl, Plastic, Metal, Rubber, Leather, Card stock, Fabric (thin crafting surfaces)
- **Maximum Material Width:** Up to 6 inches
- **Item Weight:** Approximately 11.7 pounds (5.3 kg)
- **UPC:** 843812140867

8. Warranty and Customer Support

For warranty information, technical support, or to inquire about replacement parts, please contact Logia customer support. Refer to your purchase documentation or the Logia official website for contact details.
When contacting support, please have your model number (LODCMA5) and proof of purchase readily available.

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