

Consfly 887660592577

Consfly Semi-Automatic Metal Nameplate Embosser Instruction Manual

Model: 887660592577

INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Consfly Semi-Automatic Metal Nameplate Embosser. Please read this manual thoroughly before operating the machine to ensure safe and efficient use.

SAFETY PRECAUTIONS

- Always operate the machine on a stable, flat surface.
- Keep hands and fingers clear of moving parts, especially the character wheel and stamping mechanism, during operation.
- Wear appropriate personal protective equipment (PPE) such as safety glasses to protect against potential metal shards.
- Ensure the nameplate or tag is securely clamped before stamping to prevent movement and potential injury.
- Do not attempt to modify the machine. Use only original replacement parts if maintenance is required.
- Keep the machine clean and free from debris to ensure optimal performance.

MACHINE COMPONENTS

Familiarize yourself with the main components of your embosser:

- **Character Wheel:** Contains the alphanumeric characters and symbols for stamping.
- **Stamping Lever:** Used to apply pressure and emboss characters onto the tag.
- **Work Platform:** The surface where the nameplate is placed.
- **Tag Clamp/Fixture:** Secures the nameplate in place during stamping.
- **Adjustment Knobs:** For positioning the tag and adjusting stamping depth.



Figure 1: Overall view of the Consfly Semi-Automatic Metal Nameplate Embosser, showing the main body, character wheel, and work platform.

SETUP INSTRUCTIONS

1. **Unpacking:** Carefully remove the embosser from its packaging. Inspect for any damage during transit.
2. **Placement:** Place the machine on a sturdy, level workbench or table. Ensure there is adequate space around the machine for operation.
3. **Character Wheel Installation (if not pre-installed):**
The character wheel is typically pre-installed. If not, align the character wheel with the shaft and secure it according to the specific model's instructions. Ensure it rotates freely.



Figure 2: Close-up view of the character wheel, showing the individual characters and the selection mechanism.

4. **Familiarize with Adjustments:** Locate the various adjustment knobs and levers. These control the positioning of the tag and the stamping depth.
5. **Secure the Machine:** If possible, secure the machine to the workbench using clamps or bolts through designated mounting holes to prevent movement during operation.

OPERATING INSTRUCTIONS

1. **Prepare the Nameplate:** Ensure the metal nameplate or tag is clean and free of any obstructions.
2. **Load the Nameplate:** Place the nameplate onto the work platform. Use the tag clamp/fixture to securely hold the nameplate in the desired position. Adjust the position using the side and front adjustment knobs.

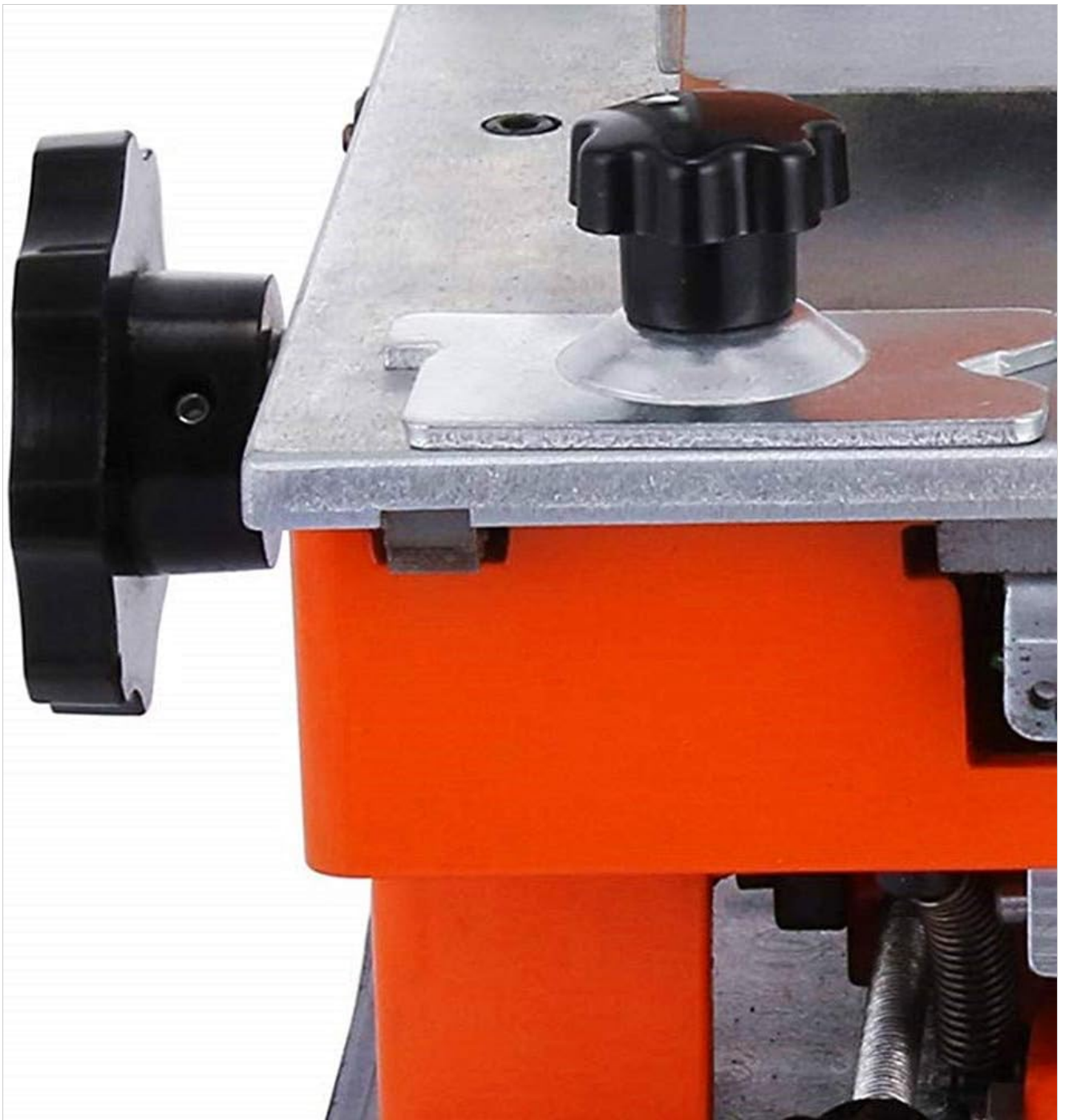


Figure 3: Side view illustrating the adjustment knob for precise positioning of the nameplate on the work platform.



Figure 4: Another perspective showing the tag clamping mechanism and the ruler for measurement.

3. **Select Character:** Rotate the character wheel to align the desired character (letter, number, or symbol) with the indicator mark on the stamping head.



Figure 5: Detailed view of the character wheel, highlighting the area where characters are selected for stamping.

- 4. Perform Stamping:** Once the character is selected and the nameplate is positioned, firmly pull down the stamping lever. Apply consistent pressure to ensure a clear and uniform emboss. Release the lever slowly.



Figure 6: The stamping lever, which is used to apply pressure for embossing characters.

5. **Advance Nameplate:** After each character is stamped, carefully advance the nameplate to the next position for the subsequent character. Use the adjustment knobs to control spacing.
6. **Repeat:** Continue selecting characters and stamping until the desired text is complete.
7. **Video Demonstration:** Watch the following video for a visual guide on operating the Consfly Semi-Automatic Metal Nameplate Embosser.

Your browser does not support the video tag.

Video 1: A demonstration of the Consfly Semi-Automatic Metal Nameplate Embosser in operation, showing how to load a tag, select characters, and perform stamping.

MAINTENANCE

- **Cleaning:** Regularly clean the machine, especially the character wheel and work platform, with a soft, dry cloth. Remove any metal dust or debris that may accumulate.
- **Lubrication:** Periodically apply a small amount of light machine oil to moving parts, such as the stamping lever pivot points and character wheel shaft, to ensure smooth operation. Avoid over-lubrication.

- **Inspection:** Routinely inspect the character wheel for wear or damage. Ensure all screws and fasteners are tight.
- **Storage:** When not in use, store the embosser in a clean, dry environment, protected from dust and moisture.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Characters are unclear or shallow.	Insufficient pressure applied; incorrect stamping depth; worn character wheel.	Apply more firm and consistent pressure on the stamping lever. Check and adjust the stamping depth mechanism if available. Inspect the character wheel for wear.
Characters are misaligned or uneven.	Nameplate not securely clamped; improper advancement; character wheel not properly aligned.	Ensure the nameplate is firmly secured in the clamp. Carefully advance the nameplate for each character. Verify the character wheel is correctly seated and aligned.
Machine operation feels stiff.	Lack of lubrication; accumulation of debris.	Clean the machine thoroughly. Apply light machine oil to moving parts as per maintenance instructions.

SPECIFICATIONS

- **Brand:** Consfly
- **Model Number:** 887660592577
- **Material:** Chrome steel 12CrMo
- **Hardness:** >60 degrees
- **Character Wheel Diameter:** 80.5 mm
- **Shaft Hole:** 14.1 mm
- **Positioning Error (Character Code Plate):** ± 0.10 mm
- **Number of Characters:** 40 (English letters A-Z, Arabic numerals 0-9, simple notation ·×/)
- **Theoretical Service Life (Single Character Code on Stainless Steel):** >200,000 times
- **Maximum Label Size:** 180mm x 135mm
- **Character Height Options:**
 - No. 2 Code Plate: 2mm font height, 1mm font width (suitable for square within 3-4mm height)
 - No. 2.5 Code Plate: 2.5mm font height, 1.25mm font width (suitable for square within 4-5mm height)
 - No. 3 Code Plate: 3mm font height, 1.5mm font width (suitable for square within 5-6mm height)
 - No. 4 Code Plate: 4mm font height, 2mm font width (suitable for square within 6-7mm height)
 - No. 5 Code Plate: 5mm font height, 2.5mm font width (suitable for square within 7-8mm height)
 - No. 6 Code Plate: 6mm font height, 2.8mm font width (suitable for square within 8-10mm height)

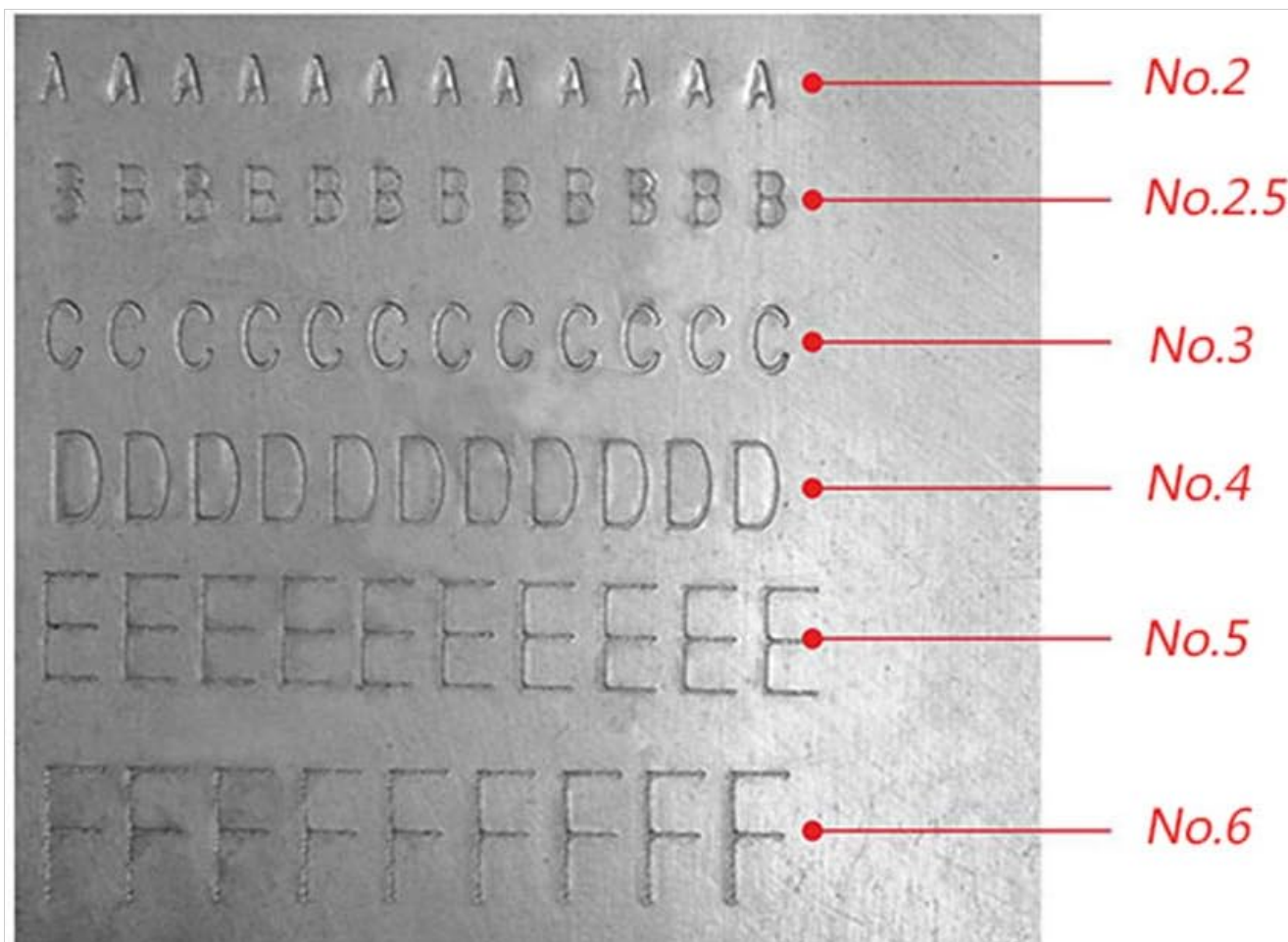


Figure 7: Visual comparison of different character font heights available with the embosser, from No. 2 (2mm) to No. 6 (6mm).

WARRANTY AND SUPPORT

Information regarding warranty coverage and customer support for the Consfly Semi-Automatic Metal Nameplate Embosser is not available in the provided product data. Please refer to your purchase documentation or contact the seller directly for details.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question