

4040 NOVA USER MANUAL



Customer Installation Manual

Applicable Machine Model(s):4040 nova

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1.Safety Guidelines (Read Before Use)

- 1.Mandatory safety requirements: Failure to follow these instructions may result in equipment damage or personal injury.
- 2.Only individuals 18 years of age or older may operate the machine. Minors must use the machine under the continuous supervision of a trained adult.
- 3.Wear gloves during installation, and wear safety goggles during operation to prevent injury from metal chips or laser reflection.
- 4.This machine is for indoor use only. Place it on a level and stable work surface (load capacity 50 kg) and keep it away from flammable and explosive materials.
- 5.The power supply can be switched between 220 VAC and 110 VAC. Do not use a non-specified voltage, and do not modify the power supply or circuitry.
- 6.It is recommended to plug the machine directly into a wall outlet. Do not use extension cords or power strips (high current may cause equipment failure). If in doubt, consult the manufacturer or dealer.
- 7.The Emergency Stop (E-stop) button must always be placed in an easily accessible location. Press it immediately in an emergency.

Prohibited Actions:

1. Do not touch the spindle, work area, or any moving parts while the machine is operating to avoid crushing or burns.
2. Do not disassemble the power supply or any electrical components; otherwise, the warranty will be void.
3. Do not leave the machine unattended during operation. Keep children away from the equipment (do not allow climbing, even when the power is off).
4. Ensure the installation area is well ventilated. Some materials may generate smoke during engraving; therefore, the use of an exhaust/ventilation system is recommended.

2.Basic Product Information

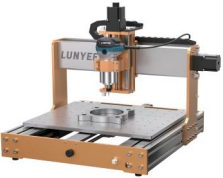
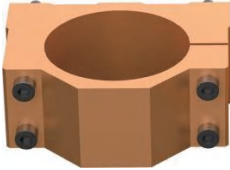
2.1Key Specifications

Item	Specification	Notes
Working Area	40 cm×40 cm×13 cm	Maximum size of the workpiece that can be engraved
Drive System	SFU1204 ball screw + HG15 linear guide rails	Balances precision and quiet operation
Control Board	(ESP32) 4-axis v7.0 controller board	Supports mainstream open-source firmware; strong compatibility
Motor Type	Stepper motor (57HS56)	Reduces missed steps and improves engraving accuracy
Spindle	Trimmer spindle – D65 – 800 W (6-speed adjustable)	Suitable for metal, wood, plastics, and other materials
Power Supply	110V / 220V	Must use the original supplied power adapter
Engraving Speed	X/Y axis: 5000 mm/min ±10%	High-speed travel efficiency
	Z axis: 2000 mm/min ±10%	Ensures accuracy in the vertical direction

Item	Specification	Notes
Engraving Accuracy	≤ 0.05 mm (Measured: X axis 0.03 mm, Y axis 0.04 mm))	Calibration required
Limit Switch	Mechanical, end-stop limit switches	Prevents over-travel and collisions
Emergency Stop Button	LB16SM3	Hardware-level emergency stop
Laser Module	Supported	Requires an additional matching laser head
Machine Dimensions	70.5 cm×68 cm×53.4 cm	Reserve 100 mm of clearance around the machine for ventilation
Control Box Dimensions	37 cm×29 cm×11 cm	Reserve 100 mm of clearance to prevent dust buildup
Net Weight	36.5 kg (tolerance: $\pm 3\%$)	Includes all accessories; two-person lifting recommended

2.2 Packing List (Parts List)

√ Before installation, please check that all parts are included. If any parts are missing, please contact after-sales support.

Machine	Trimmer Spindle	Control Box	Spindle Mount	Clamp
				
Data Cable	Collet Set	Z-Axis Touch Plate	SD Card	
				

3. Installation Preparation

3.1 Installation Environment Requirements

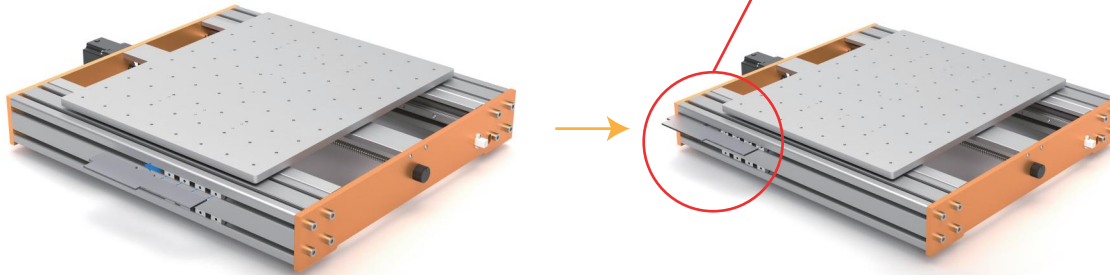
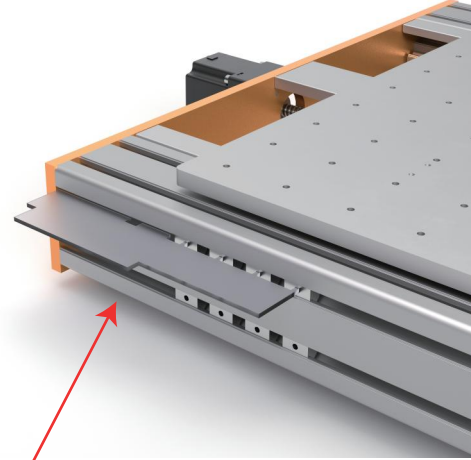
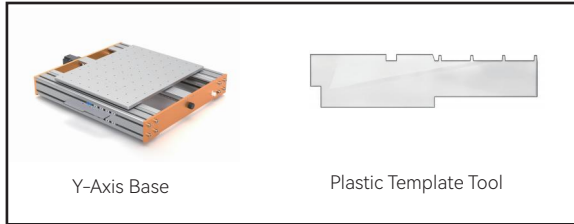
1. Space: The overall machine dimensions are approximately 70.5 cm × 68 cm × 53.4 cm. Leave at least 100 mm of clearance around the machine for heat dissipation (especially near the control box and spindle). Do not place the machine directly against a wall or block ventilation openings.
2. Work surface: Use a level, stable workbench with a load capacity of ≥ 50 kg (e.g., a metal workbench or a solid wooden table) to prevent vibration from affecting engraving accuracy.
3. Power supply: Ensure the wall outlet is properly grounded, and make sure the voltage matches the machine's power selector setting (220 V or 110 V).
4. Tools: Prepare a spirit level (to level the work surface) and a marker (to mark part orientation). Gloves are optional to prevent scratches.

3.2 Packing Parts List

Name	Specification / Purpose	Notes
Hex Key Set	Included (M3 / M5 / M6 sizes)	No purchase required; included in the kit
Spirit Level	Compact bubble level (accuracy: 0.02 mm/m)	For leveling the workbench and the machine
Marker Pen	Fine tip, black	For marking part orientation to avoid incorrect installation
Cleaning Cloth	Lint-free / non-shedding cloth	For removing oil stains or dust from part surfaces

4. Step-by-Step Installation Instructions

4.1 Step 1: Install the Gantry Frame



Procedure:

- 1.Remove the two side plates and place them on the assembly workbench. (Ensure the plates are not bent and that the surfaces are clean and free of oil stains.)
- 2.Take out the alignment template and position it on the inner side of the side plates. Align it with the four slide-block nuts pre-installed inside the plates (2 per set, total 8 nuts).
- 3.Gently push the alignment template to ensure each slide-block nut is aligned with the locating holes on the template (make sure there is no visible offset). Once aligned, keep the template in place and proceed to the next step.

Note: The alignment template does not need to be fastened; it is used for alignment assistance only.



Plastic Template Tool



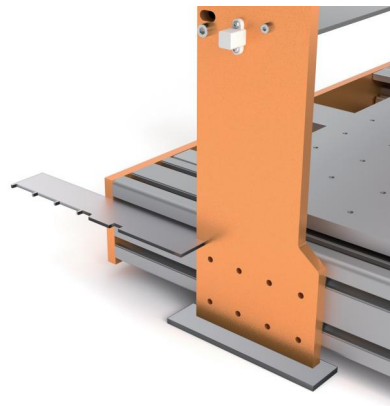
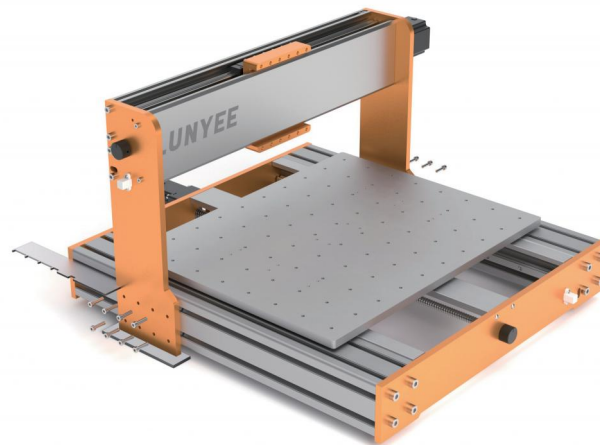
Hex Socket Button Head Screw
(M5 x 20 *16)



X-Axis Gantry Frame



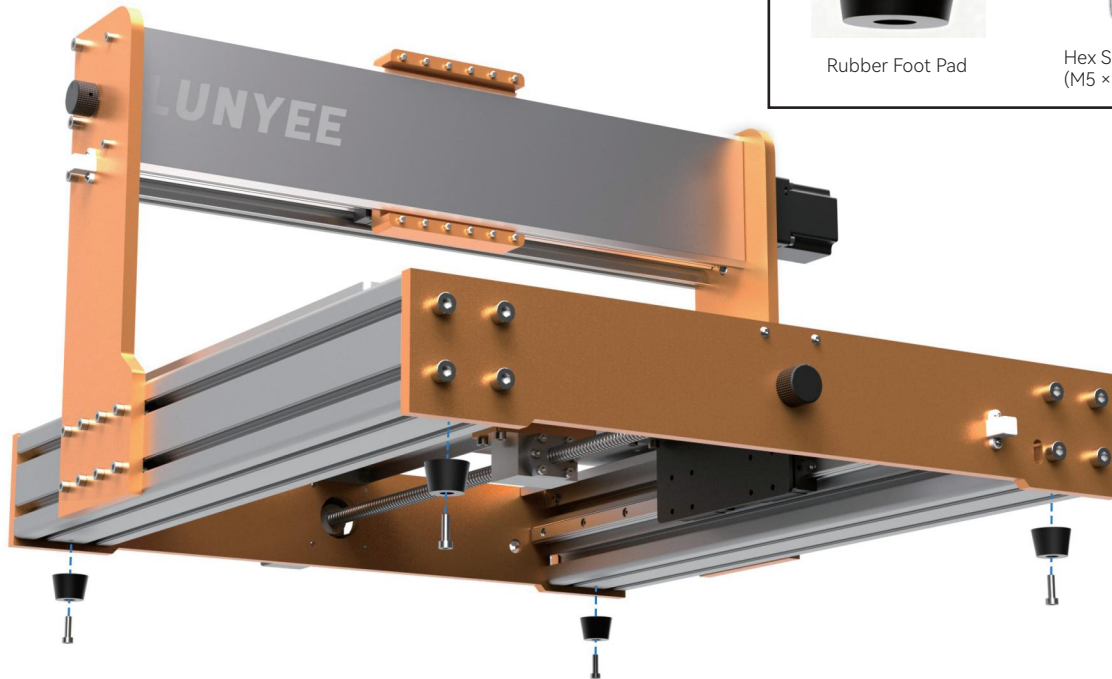
X-Axis Assembly Shim Plate



Procedure:

1. Without moving the alignment template and the side plates already aligned in Step 1, place the X-axis assembly shim plate under the slide-block nuts on both sides. Position the X-axis gantry frame onto the two side plates, making sure the two mounting holes on each side align with the holes on the alignment template (corresponding to the slide-block nuts inside the side plates).
2. From the top of the X-axis gantry frame, insert the M5×20 hex socket button head screws through the mounting holes and thread them into the slide-block nuts inside the side plates. Tighten lightly first to ensure smooth engagement without binding.
3. Install one screw on each side first to locate the X-axis gantry frame. Then check whether the remaining holes on the other side align with the template. After confirming there is no misalignment, install the remaining two screws. Finally, use the hex key to tighten all four screws evenly (apply moderate force to avoid deforming the side plates or the X-axis gantry frame).
4. Remove the alignment template.

Important: When tightening, use a cross-tightening pattern (alternating diagonally) to ensure even loading and prevent the X-axis gantry frame from tilting due to uneven force.



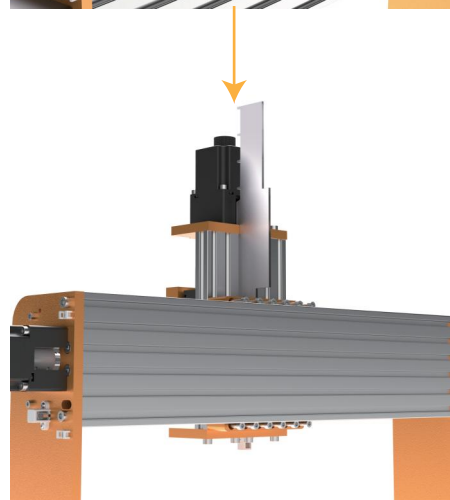
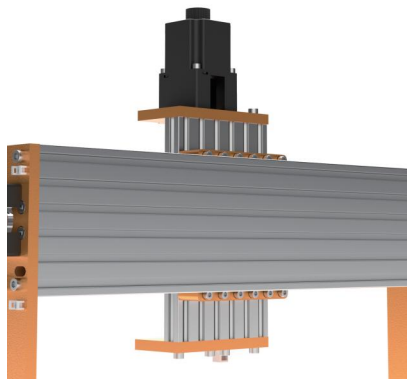
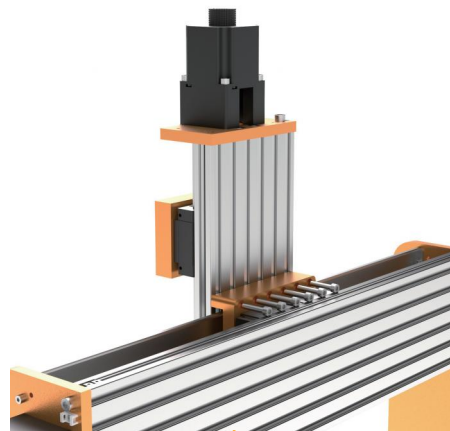
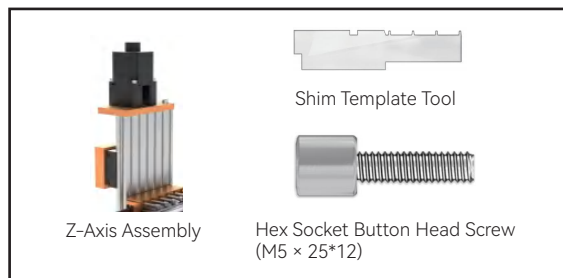
Rubber Foot Pad



Hex Socket Button Head Screw
(M5 × 16*4)

Use M5×16 hex socket button head screws to fasten the four foot pads to the bottom of the 8080 aluminum profile at the four corners.

4.2 Step 2: Install the Z-Axis and Bracket



Procedure:

1. Install the Z-axis assembly onto the X-axis carriage. Ensure the upper row of mounting holes on the X-axis carriage aligns precisely with the upper row of nuts inside the Z-axis profile. Insert six (6) M5×25 hex socket button head screws, but do not tighten yet.

2. Slide the Z-axis assembly downward. Use the notch on the positioning/shim plate to hook onto the top plate of the Z-axis assembly, while ensuring the bottom of the Z-axis assembly is flush against the X-axis carriage. This ensures the lower row of mounting holes on the X-axis carriage aligns with the lower row of nuts inside the Z-axis profile. Insert another six (6) M5×25 screws, but do not tighten yet.

3. Slide the Z-axis assembly upward and adjust it to a position approximately 100 mm away from the X-axis carriage. Then tighten the upper and lower rows of screws gradually in sequence.

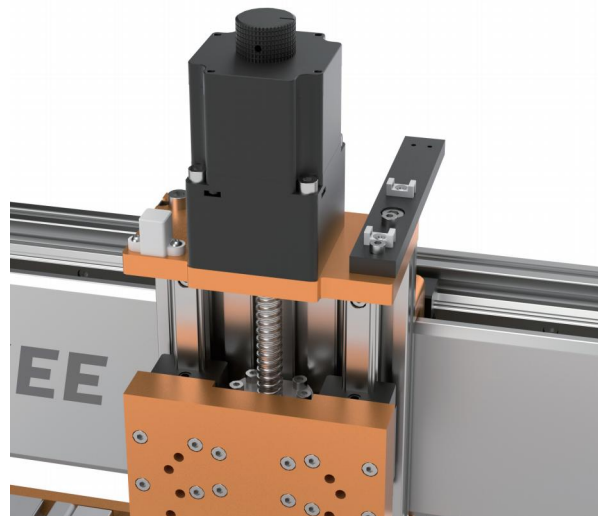
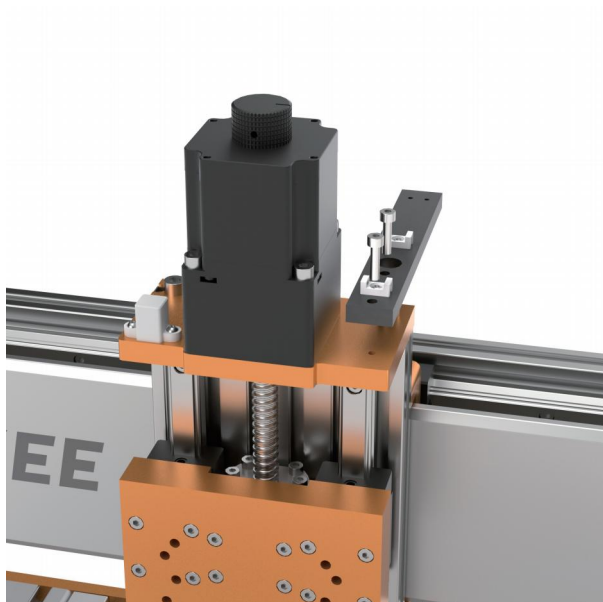
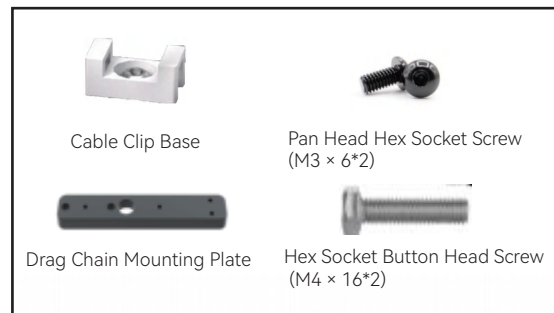
Important Notes:

1. Before fully tightening, keep the screws partially tightened to prevent them from falling out while sliding the Z-axis assembly. Tighten only until secure (“snug”); do not overtighten to avoid damaging the threads.

2. To ensure proper Z-axis travel, do not slide the Z-axis assembly upward to a position that is too close to the X-axis carriage.

4.3 Step 3: Drag Chain Installation

4.3.1 Install the Drag Chain Mounting Plate



Procedure:

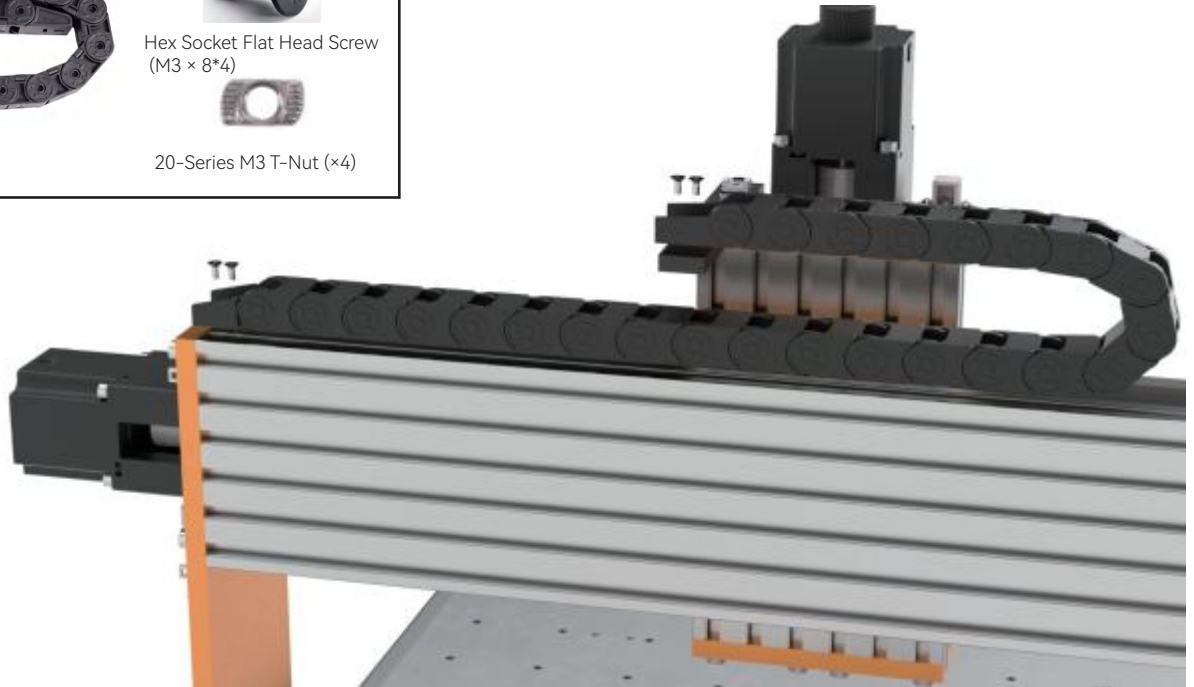
1. Use two (2) M3×6 pan head hex socket screws to fasten the two cable clip bases onto the drag chain mounting plate. Then locate the mounting position on the side of the Z-axis assembly (there are pre-drilled holes and a “Drag Chain” marking). Align the plate and adjust its orientation so the holes on the plate match the mounting holes on the Z-axis assembly.

2. Insert two (2) M4×16 hex socket button head screws through the drag chain mounting plate and thread them into the mounting holes on the Z-axis assembly. Tighten lightly first, then fully tighten with an M4 hex key to ensure the mounting plate is secure and does not move.

Important:

The drag chain mounting plate must be installed with the front side facing outward (the side with text or hole markings facing out). Otherwise, it will affect the installation of the drag chain in the following steps.

4.3.2 Install the Drag Chain



Procedure:

1. Secure the left end of the drag chain (X-axis gantry side):

- Take two (2) M3×8 flat head hex socket screws. Insert them through the mounting holes at the left end of the drag chain, and thread them into two 20-series M3 T-nuts from the underside of the chain. Do not tighten yet; make sure the T-nuts can still slide freely.
- Slide the T-nuts into the slot of the X-axis gantry profile (ensure the T-nuts are fully seated in the slot and cannot fall out). Adjust the drag chain position so it is in a natural, relaxed state (not twisted and not overstretched).
- Use an M3 hex key to tighten the two M3×8 screws to secure the left end of the drag chain. After tightening, the left end should not move, and the T-nuts should clamp firmly in the profile slot.

2. Secure the right end of the drag chain (Z-axis fixed plate side):

- Take the remaining two (2) M3×8 flat head hex socket screws. Insert them through the mounting holes at the right end of the drag chain and align them with the pre-drilled holes on the mounting plate (continue with the next steps as shown in the diagram to install and tighten).

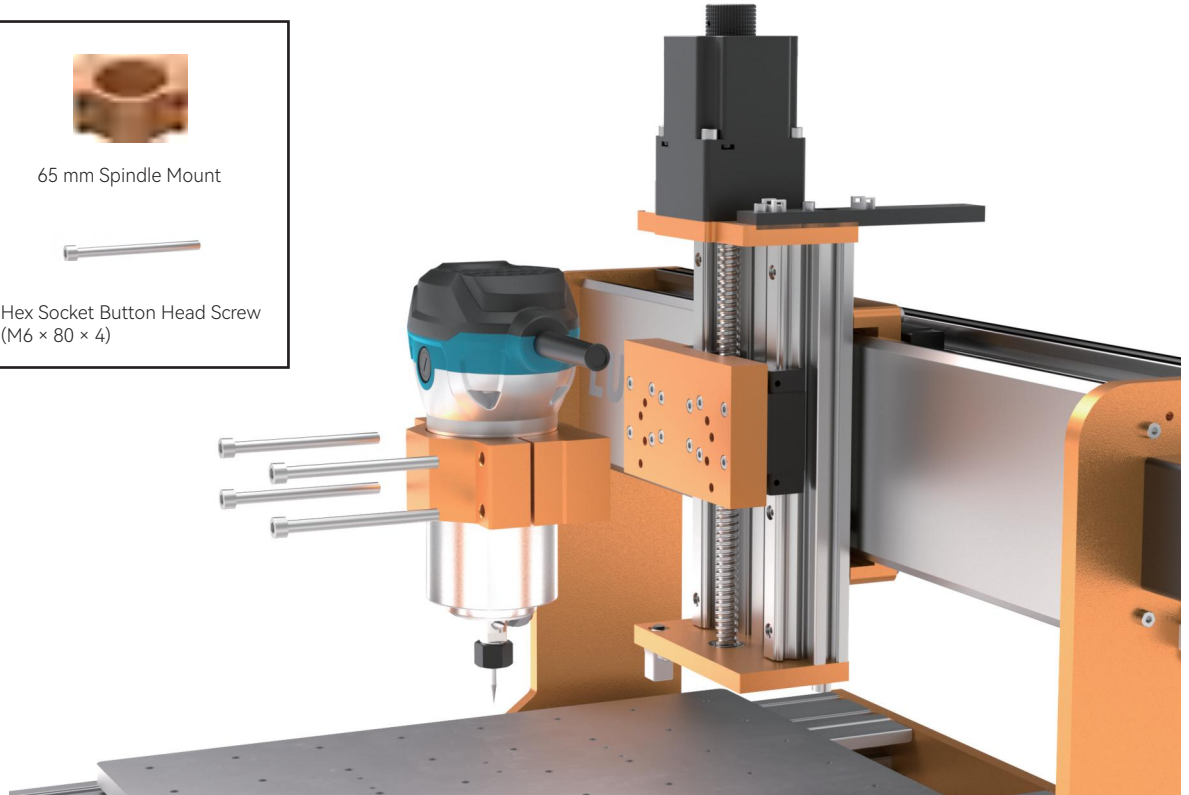
- Align the screws with the holes on the Z-axis drag chain mounting plate and thread them directly into the plate (no T-nuts required).

- Adjust the position of both ends to ensure the drag chain is not twisted and can extend/retract smoothly as the Z-axis moves up and down. After confirming there is no interference, tighten the two screws.

Important:

After installing the drag chain, manually move the Z-axis up and down to check whether the drag chain binds or is pulled tight. If resistance is felt, readjust the mounting positions at both ends.

4.4 Step 4: Install the Spindle Mount and Trimmer Spindle



Procedure:

1. Assemble the 65 mm spindle mount and the trimmer spindle: Insert the trimmer spindle into the slot of the 65 mm spindle mount and adjust its position so the mounting holes on the trimmer spindle align with the corresponding holes on the 65 mm mount (refer to the trimmer spindle manual for the recommended mounting position).
2. Hold the assembled “65 mm spindle mount + trimmer spindle” and align it with the trimmer mounting location on the Z-axis assembly (at the bottom of the Z-axis, with four pre-drilled mounting holes). Ensure the spindle is aligned with the mounting holes on the Z-axis assembly.
3. Insert four (4) M6×75 hex socket screws through the mounting holes from the outside of the Z-axis assembly into the 65 mm spindle mount. (Because the screws are long, insert them slowly to avoid thread binding.)
4. Use an M6 hex key to tighten the four screws evenly. After tightening, gently shake the spindle to confirm it is secure and does not move. (If movement is detected, recheck alignment and retighten.)

Important:

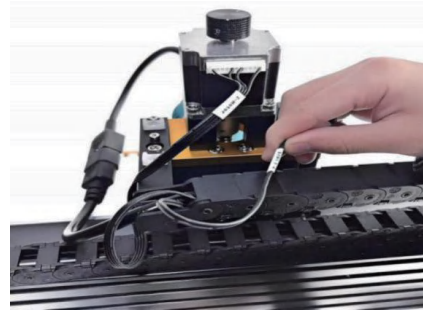
The spindle power connector should face the direction that makes cable routing easier (typically toward the rear, away from the work area) to avoid cable interference after installation.

4.5 Step 5: Wiring and Securing Cables

4.5.1 Cable Harness Connection Inside the Drag Chain



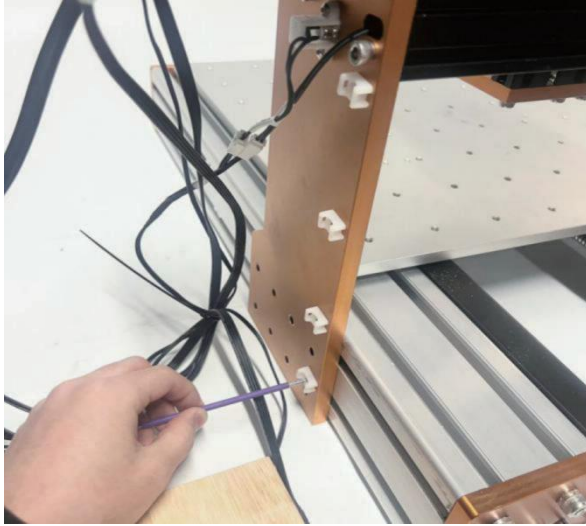
1. Connect the drag-chain cable harness to the trimmer spindle power lead.



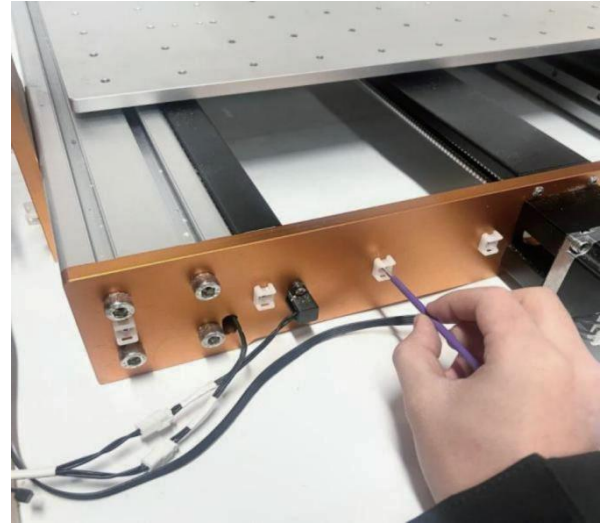
2. Feed the excess cable into the drag chain.



3. Secure the cable harness.



4. Secure the side cable harness: Use five (5) M3×6 hex socket flat head screws to fasten five (5) cable clip bases. Then route the X-axis limit switch cable and the drag-chain cable harness through the clips and secure them on the side mounting bases.



5. Use four (4) M3×6 hex socket flat head screws to install four (4) cable clip bases at the same side positions. Then route the Y-axis motor cable and the Y-axis limit switch cable through the clips and secure them on the side mounting bases.

Procedure:

1. Take the drag-chain cable harness and connect the trimmer spindle plug on one end to the trimmer spindle power cable. (The connector is keyed; align it with the latch and push in until you hear a “click”.)
2. From the other end (X-axis side), gently feed the excess length of the harness into the drag chain (make sure the cable inside the drag chain is not tangled, and leave enough slack for the cable to extend/retract as the Z-axis moves).

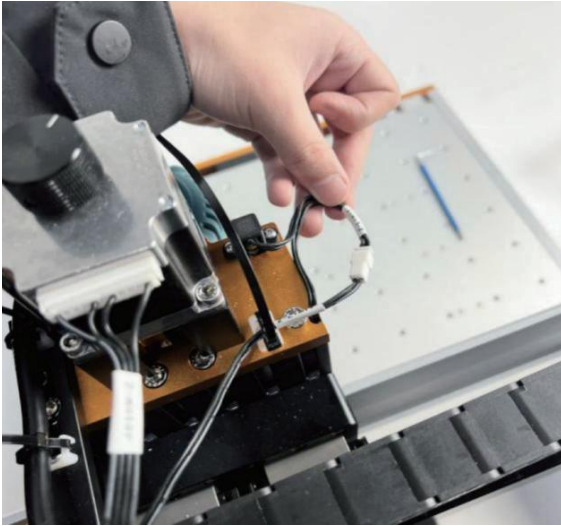
4.5.2 External Cable Connections and Securing



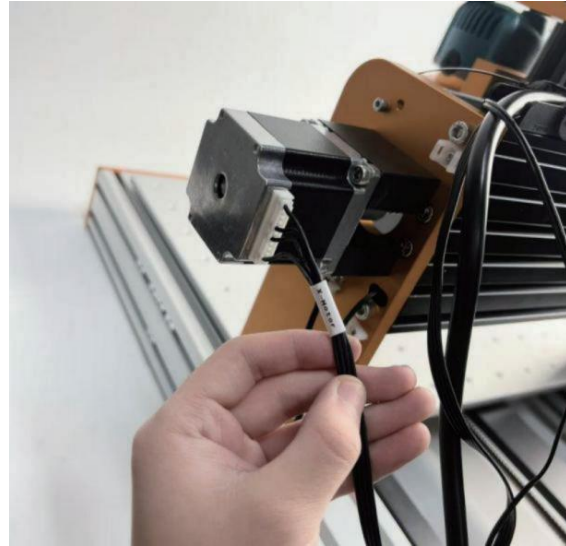
X-Axis Limit Switch Connection



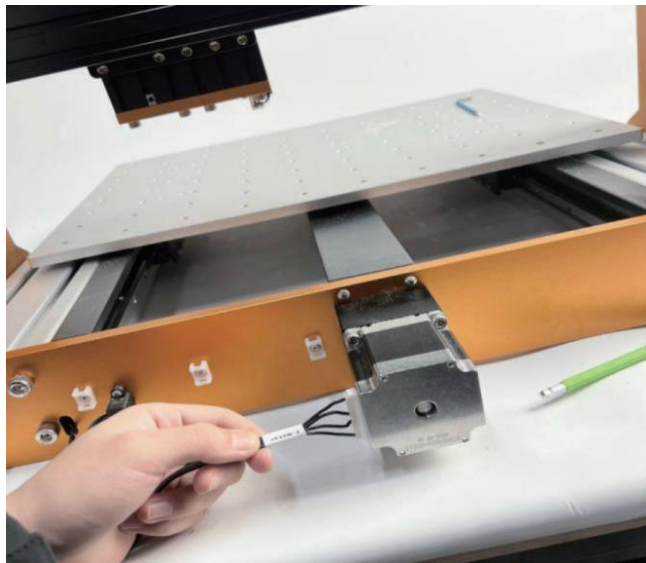
Y-Axis Limit Switch Connection



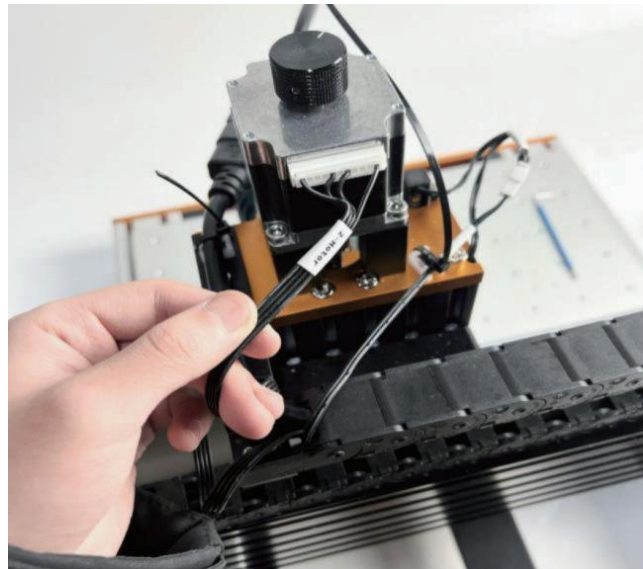
Z-Axis Limit Switch Connection



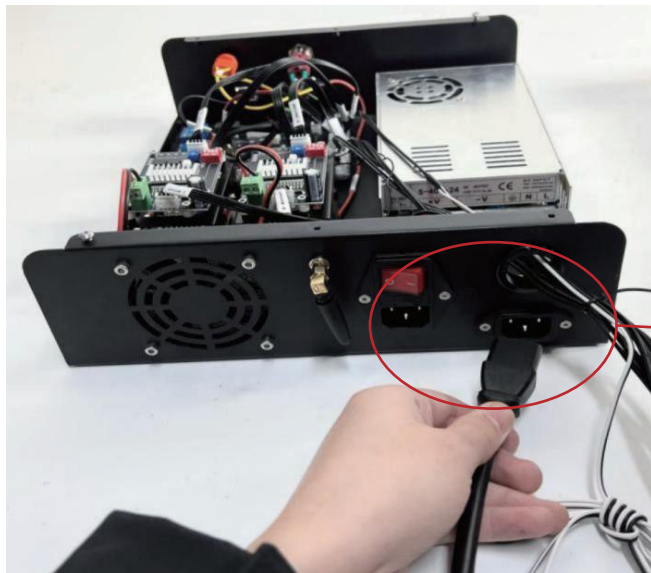
X-Axis Motor Connector (Match and Plug In)



Y-Axis Motor Connector (Match and Plug In)



Z-Axis Motor Connector (Match and Plug In)



Connect the drag-chain power cable to the power output port on the control box.
(Note: Do not connect it to the power input port.)

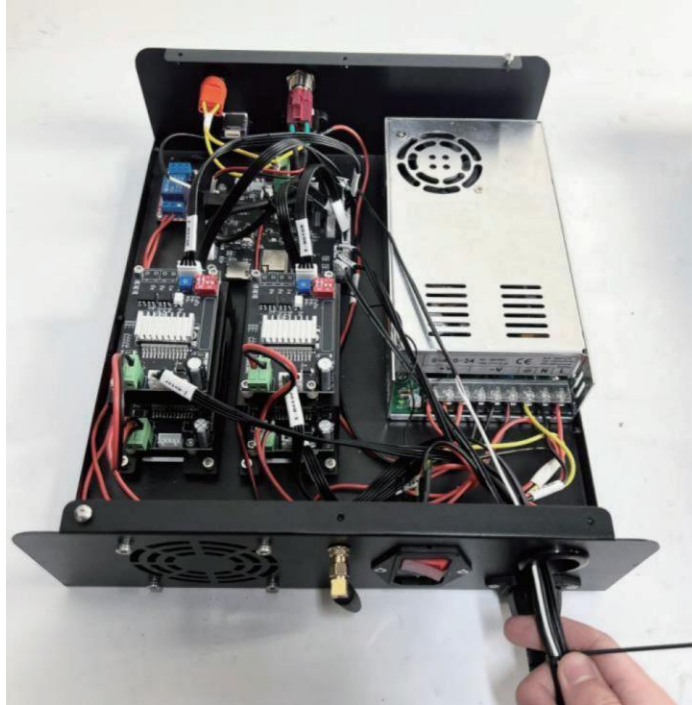
Procedure:

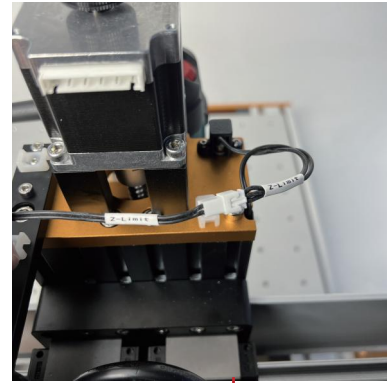
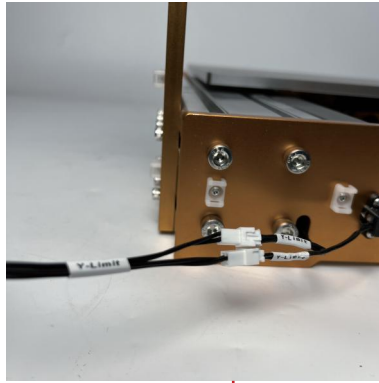
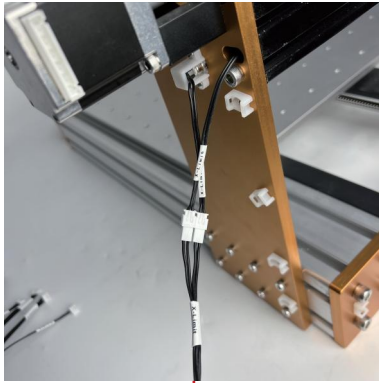
1. Locate the motor cable harnesses labeled “X Motor”, “Y Motor”, and “Z Motor”, and connect them to the corresponding ports on the X-, Y-, and Z-axis motors.
2. Locate the limit switch cable harnesses labeled “X LIMIT”, “Y LIMIT”, and “Z LIMIT”, and plug them into the corresponding limit switch ports. (The limit switches are located at the ends of the X, Y, and Z axes and are marked “LIMIT”.)
3. Route and secure the side cables: Arrange the motor and limit switch cables along the side of the Z-axis assembly, and secure them in the cable slot using zip ties (prevent the cables from hanging down and keep them away from moving parts).
4. Route and secure the rear cables: Route any excess cable from the adapter board along the rear of the Z-axis assembly and secure it with zip ties (leave enough length to reach the matching control box; do not make it too short).

Important:

Ensure all connectors are fully seated to avoid poor contact. Do not overtighten zip ties to prevent damage to the cable insulation.

4.6 Step 6: Connect the Power Cable Harness



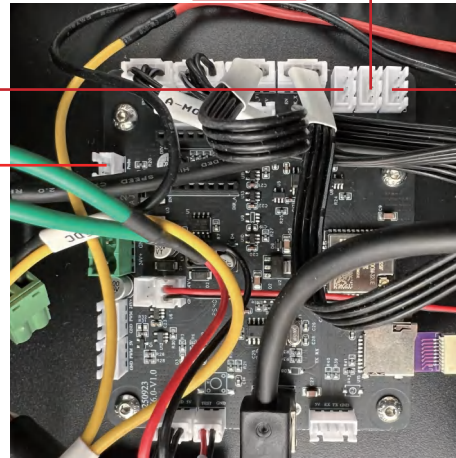
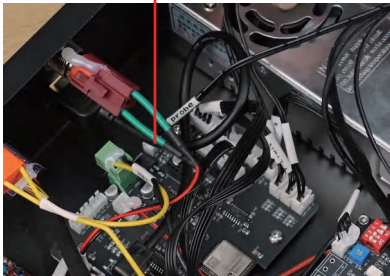


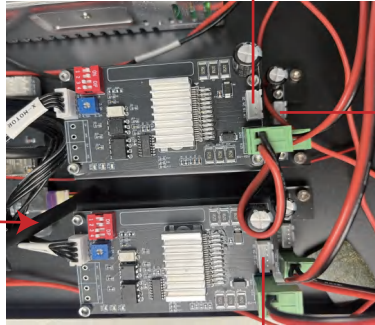
X-Limit

Y-Limit

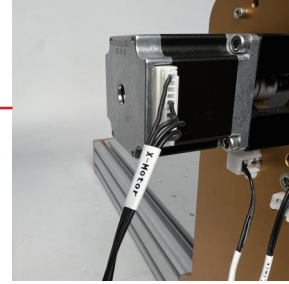
Z-Limit

Probe

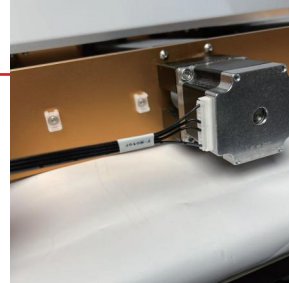




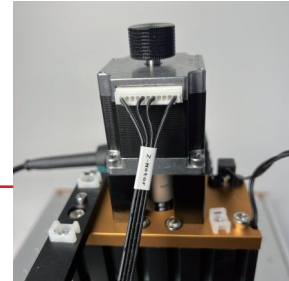
X-Axis Motor
(Upper Level)



Y-Axis Motor
(Lower Level)



Z-Axis Motor
(Upper Level)



Procedure:

1. Open the control box cover (remove the outer screws; refer to the control box structure section for details) and locate the internal terminal row labeled “Motor”, “Limit”, etc. (Follow the diagram.)
2. Take the cable harnesses routed externally and connect each harness to the corresponding terminal on the control box terminal row according to the labels on the cables. (Follow the diagram.)
3. After all cables are connected, check whether any cables on the terminal row are crossing or contacting each other (to avoid short-circuit risk). Organize the cables inside the control box to prevent them from blocking ventilation openings or switches.

Important:

Ensure the control box is powered off before wiring. Make sure each connector is aligned and fully inserted into its terminal.

4.7 Step 7: Reinstall and Secure the Control Box Cover



Use a hex key to tighten the M4×6 hex socket screws. Tighten 6 screws on the side panels and 6 screws on the top panel to complete the control box assembly.

5.Electrical Connection Instructions

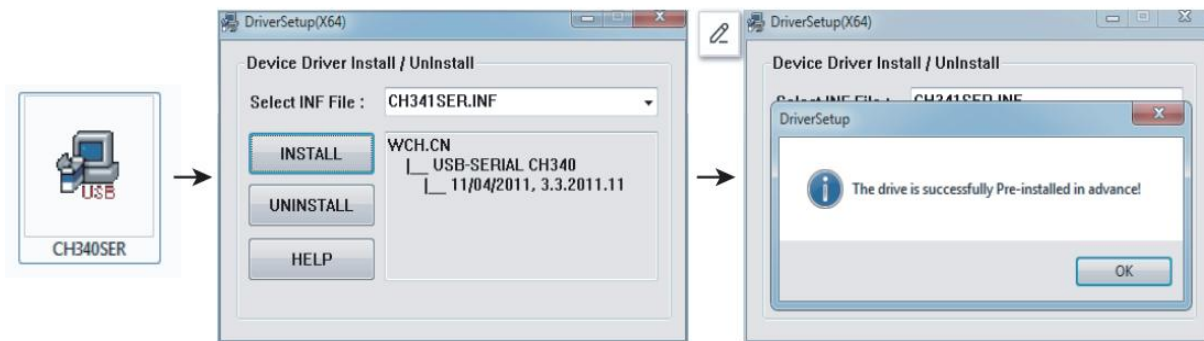
5.1 Driver Installation (Windows/Mac)

Purpose: Install the CH340 driver to ensure stable USB communication between the computer and the device.

5.1.1 Windows

1. Obtain the driver:

· Method 1: Insert the USB drive included with the machine, locate the “CH340SER” folder, and double-click “Driver Setup(X54).exe”.

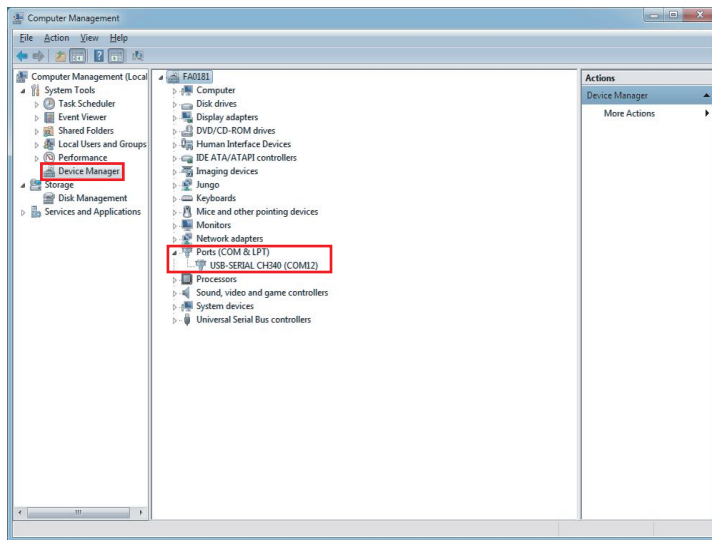
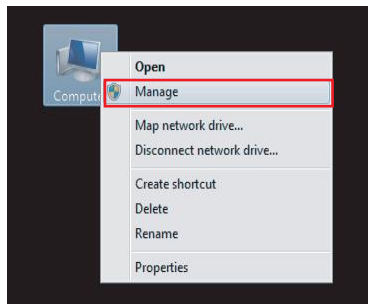


· Method 2: If the driver USB drive is lost, download the driver from: <http://lunyeecnc.com>
(If the link is invalid, please contact the dealer's after-sales support to obtain the latest link).

· Installation steps:

· Double-click the installer, select “INSTALL”, and wait for the process to complete (about 1–2 minutes).

· If a message indicates “Driver installation failed”, click “Uninstall” to remove the old driver first, then restart the computer and reinstall the driver.



- Verification: After the installation is complete, right-click “This PC” and select “Manage” → “Device Manager”. Check whether “USB-Serial CH340” appears under Ports (COM & LPT). If there is no yellow warning icon, the installation has been completed successfully.

5.1.2 Mac

- macOS Mojave (10.14) and later: No driver installation is required. The system includes CH340 support, so you can connect the device directly.

- macOS Sierra (10.12) / High Sierra (10.13): Please contact the manufacturer’s technical support (support@lunyeecnc.com) to obtain the dedicated driver. Do not use the Windows driver.

5.2 Finding the Machine’s COM Port in Windows

Prerequisite: First, connect the device to the computer via a USB cable and turn on the device power (set the control box switch to “ON”).

Procedure:

1.Windows XP: Right-click “My Computer” → “Manage” → “Device Manager” → expand Ports (COM & LPT).

2.Windows 7: Click “Start” on the taskbar → right-click “Computer” → “Manage” → “Device Manager” → Ports (COM & LPT).

3.Windows 10: Type “Device Manager” in the taskbar search box, open it, and expand Ports (COM & LPT).

Identify the COM port:

- Locate the entry labeled “USB Serial Port (COMX)” (X is a number, e.g., COM3)—this is the machine’s COM port.
- If multiple USB serial ports are listed, right-click each one and select Properties → Details → Hardware Ids, then identify the port that contains “CH340”—that one is the machine’s COM port.

Note: If you change the USB port, the COM port number may change. Please re-check it after switching ports.

6.UGS Software User Guide

6.1Connect to UGS

1.Connect the USB cable and power on the machine.

2.Copy the UGS installer from the USB drive, or download UGS from:

https://winder.github.io/ugs_website/download/

UGS Platform

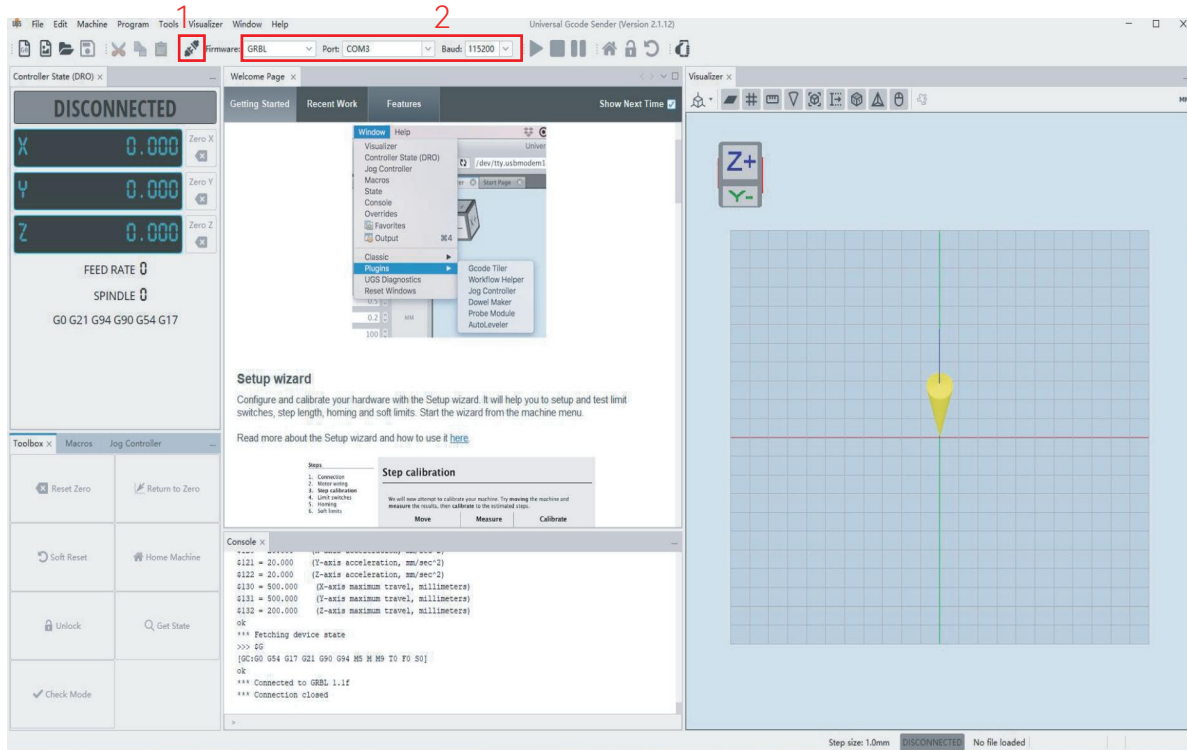
The next generation platform-based interface.

Version 2.0.14	Version 2.0.13	Description
 Windows x64	 Windows x64	Windows 64-bit version with bundled Java
 Windows	 Windows	Windows version with bundled Java
 MacOSX	 MacOSX	MacOSX version with bundled Java
 Linux	 Linux	Linux version with bundled Java
 Linux ARM	 Linux ARM	Linux ARM version with bundled Java. Can be used with RaspberryPi
 All platforms	 All platforms	A generic package without Java which needs to be installed separately

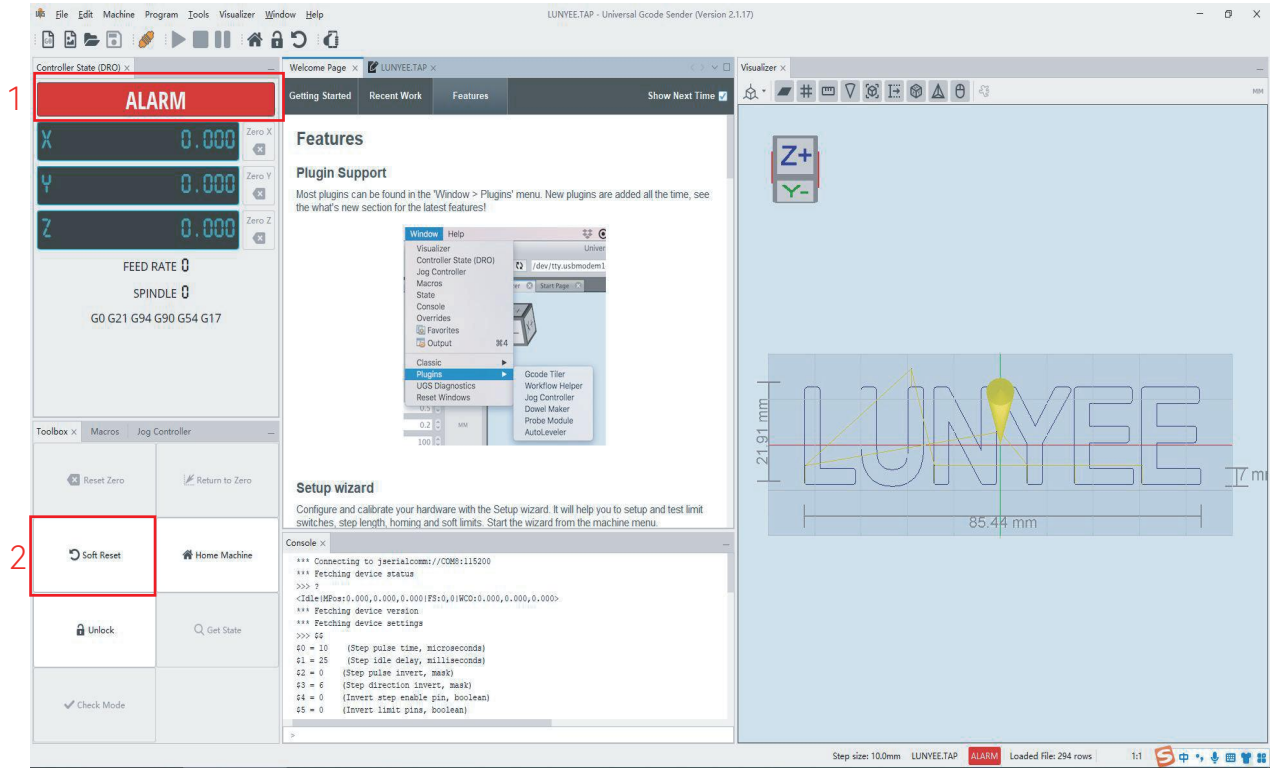
3.Unzip the files, locate “bin-ugsplatform64.exe”, and double-click to launch the software.



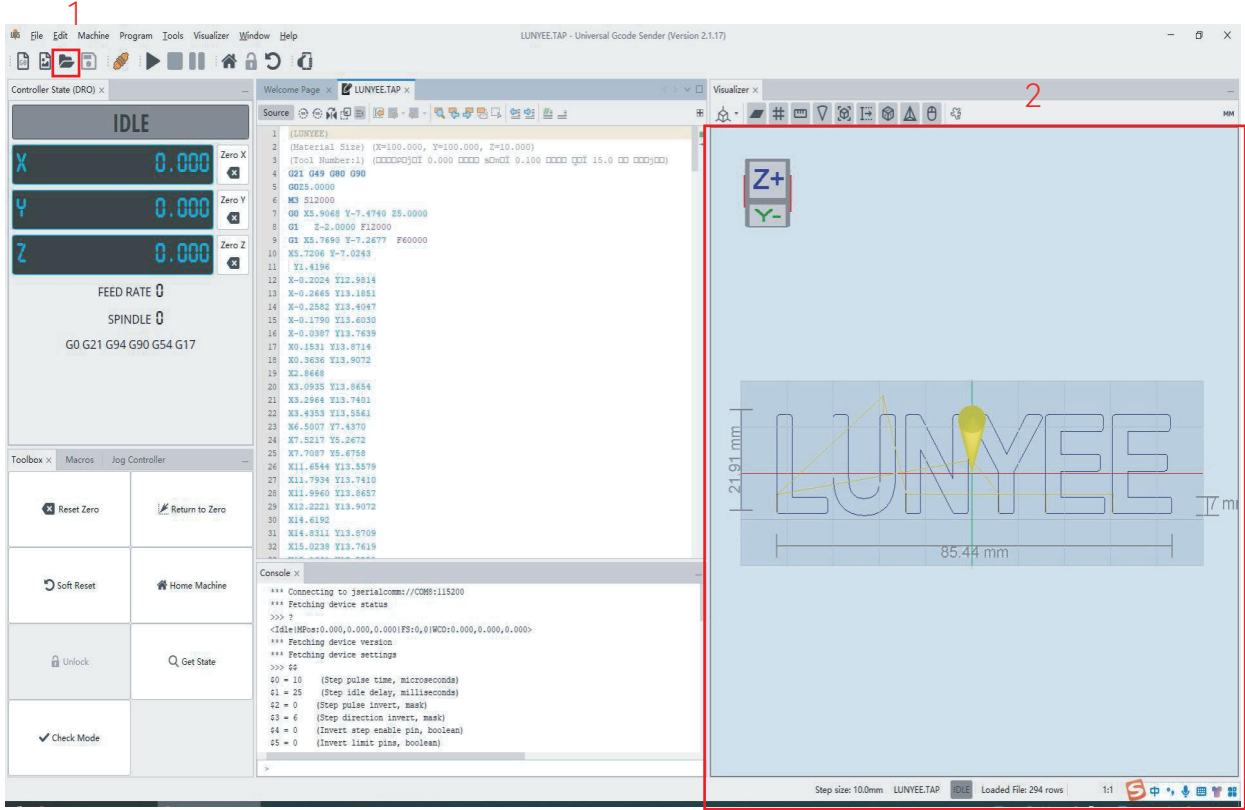
4. Connect the machine to the computer via a USB cable. In UGS, select Firmware → GRBL, choose the correct COM port, set the baud rate to 115200, and then click Connect.



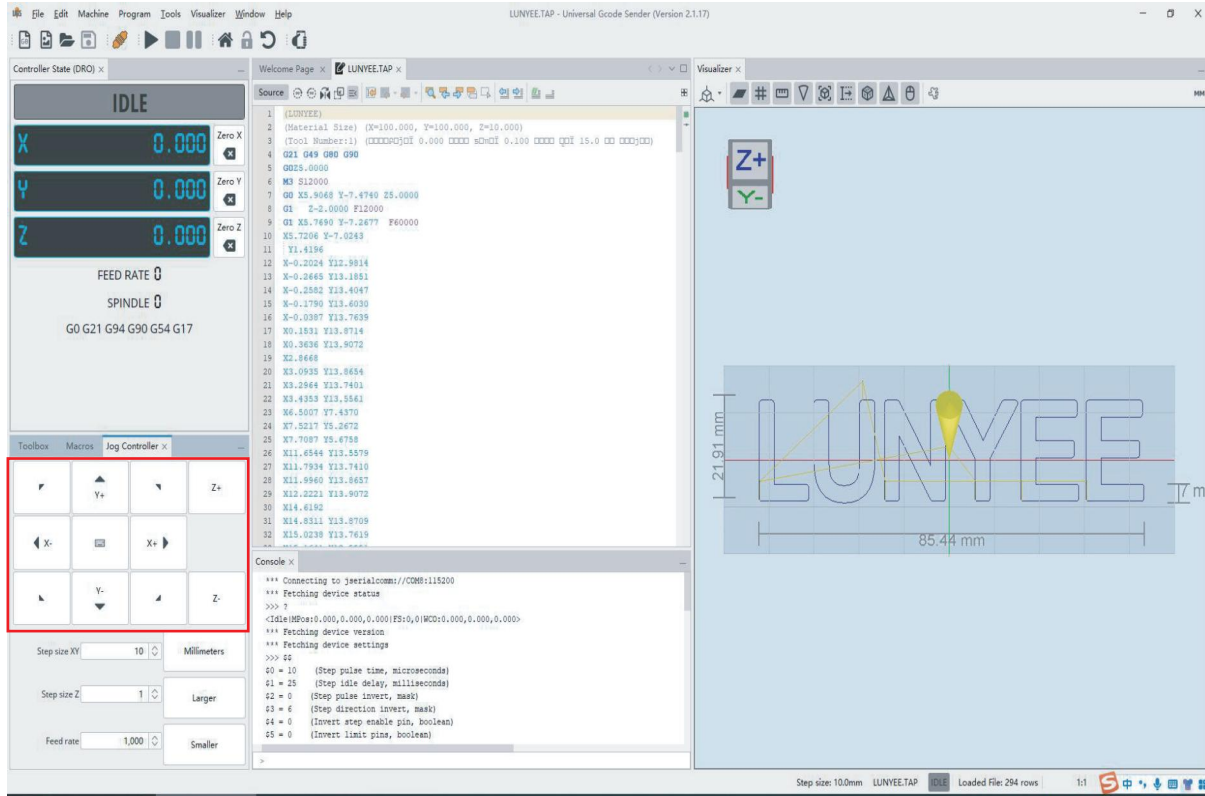
5.The status will change to ALARM. Click Unlock to change the status to IDLE.



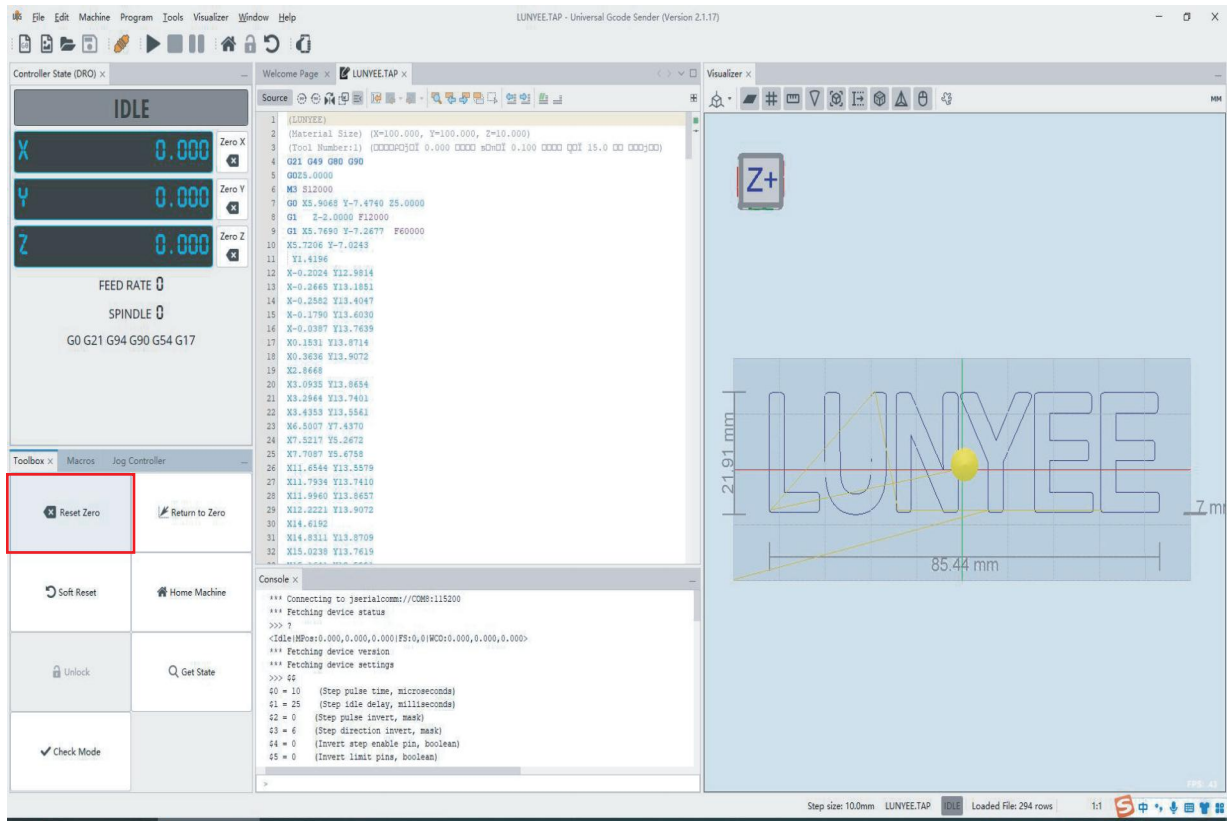
6.Open a G-code file and preview the toolpath in the visualizer.



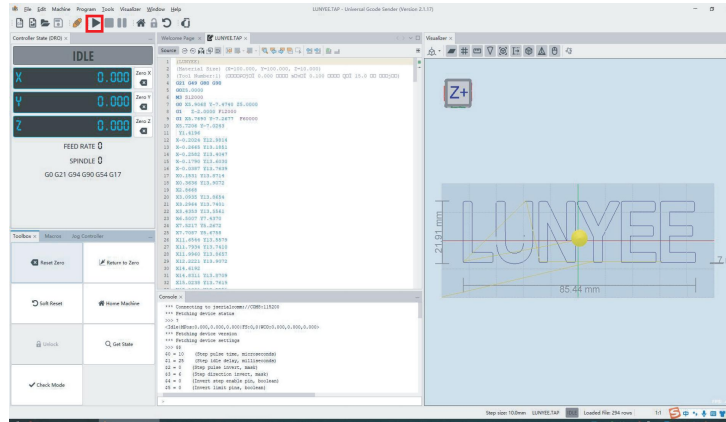
7. Click Jog to move the tool to the workpiece origin. Keep a proper clearance between the bit and the workpiece surface—just enough for a sheet of A4 paper to pass through.



8. In the Tool window, click Reset Zero.



9. Then click Send to start engraving.



Engraving completed.

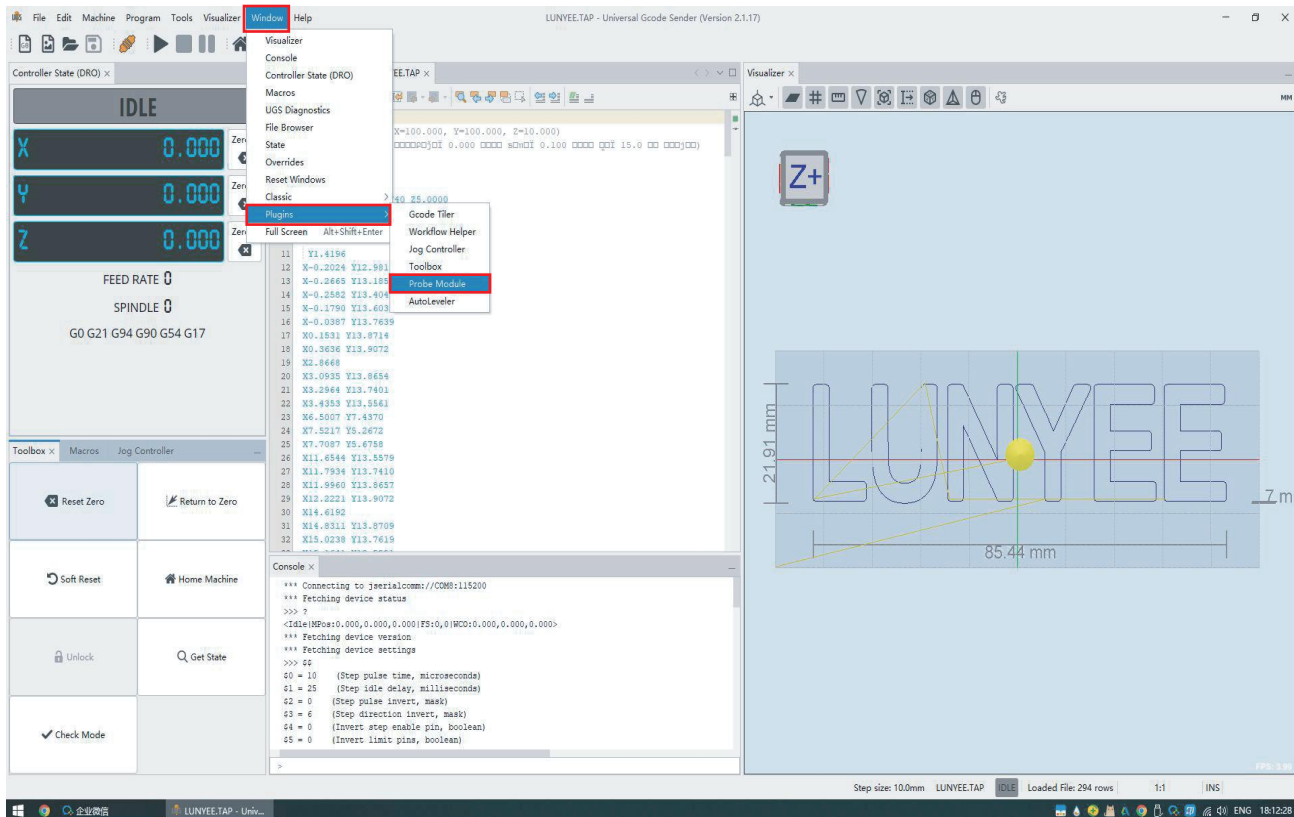
6.2 Z-Probe Operation

1.Measure the thickness of the Z-probe.



Thickness: 19.26 mm

2. Click Window → Plugins → Probe Module.



3.Settings: Configure the parameters as shown below. The Z-probe will run twice—once in Fast mode and once in Slow mode—to obtain an accurate result. A higher value results in a faster probing speed.

Console

Probe Module x

Z

XY

XYZ

Hole center

Settings

Endmill diameter:

10 mm

Fast find rate:

100 mm/min

Slow measure rate:

10 mm/min

Retract amount:

1 mm

Delay after retract:

1 s

Work Coordinates:

G54

Click “2” and enter the measured Z-probe thickness in “Plate Thickness”.Probe Distance/Direction: Set to -30 (this means the Z-axis will move downward by up to 30 mm).If the bit still cannot contact the Z-probe after moving 30 mm, an error alarm will appear. When the status changes to “ALARM”, click “Unlock”.

Console

Probe Module x

Z

XY

XYZ

Hole center

Settings

Touch plate thickness

19.26 mm

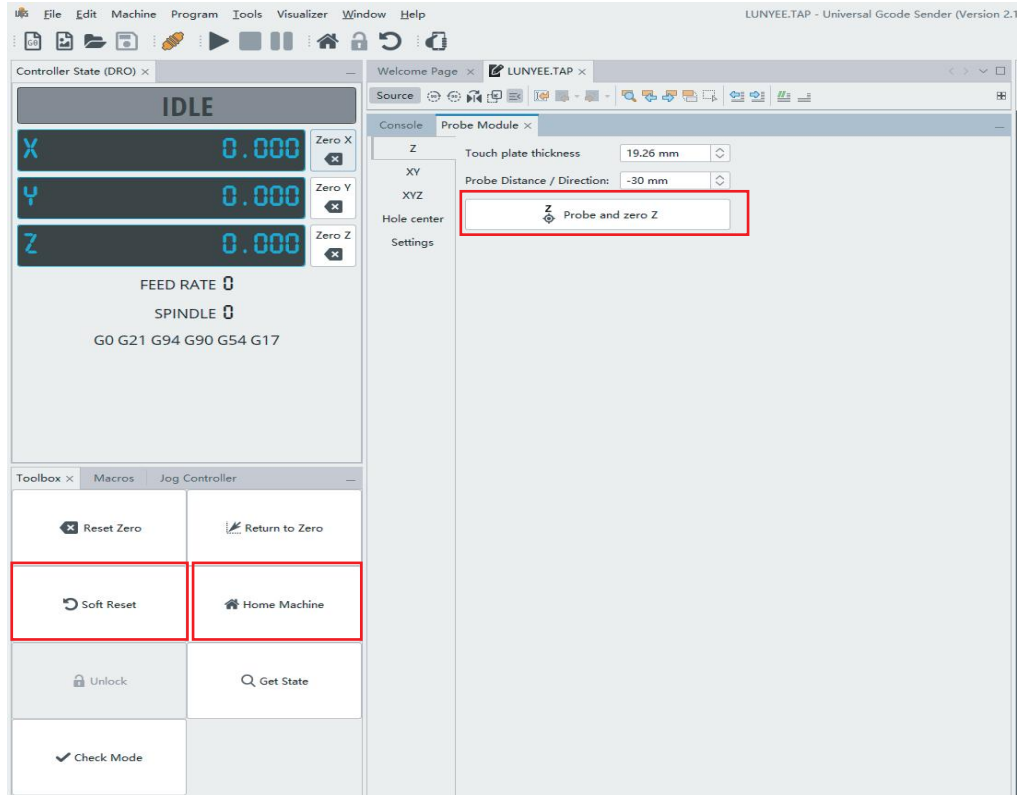
Probe Distance / Direction:

-30 mm

Z

Probe and zero Z

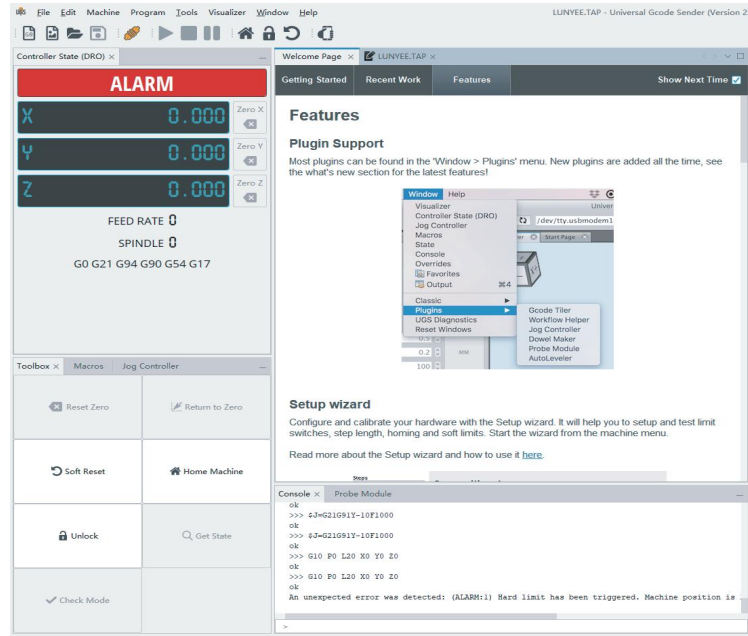
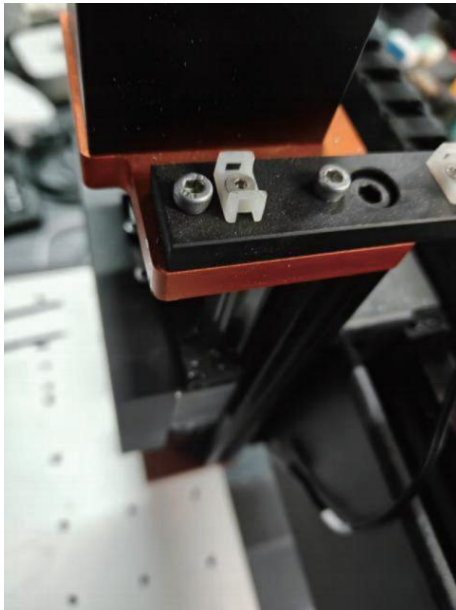
4. Click “Reset Zero”, then click “Probe” and select the Z-axis. Click “Return to Zero” to open the file, then click Send to start engraving.



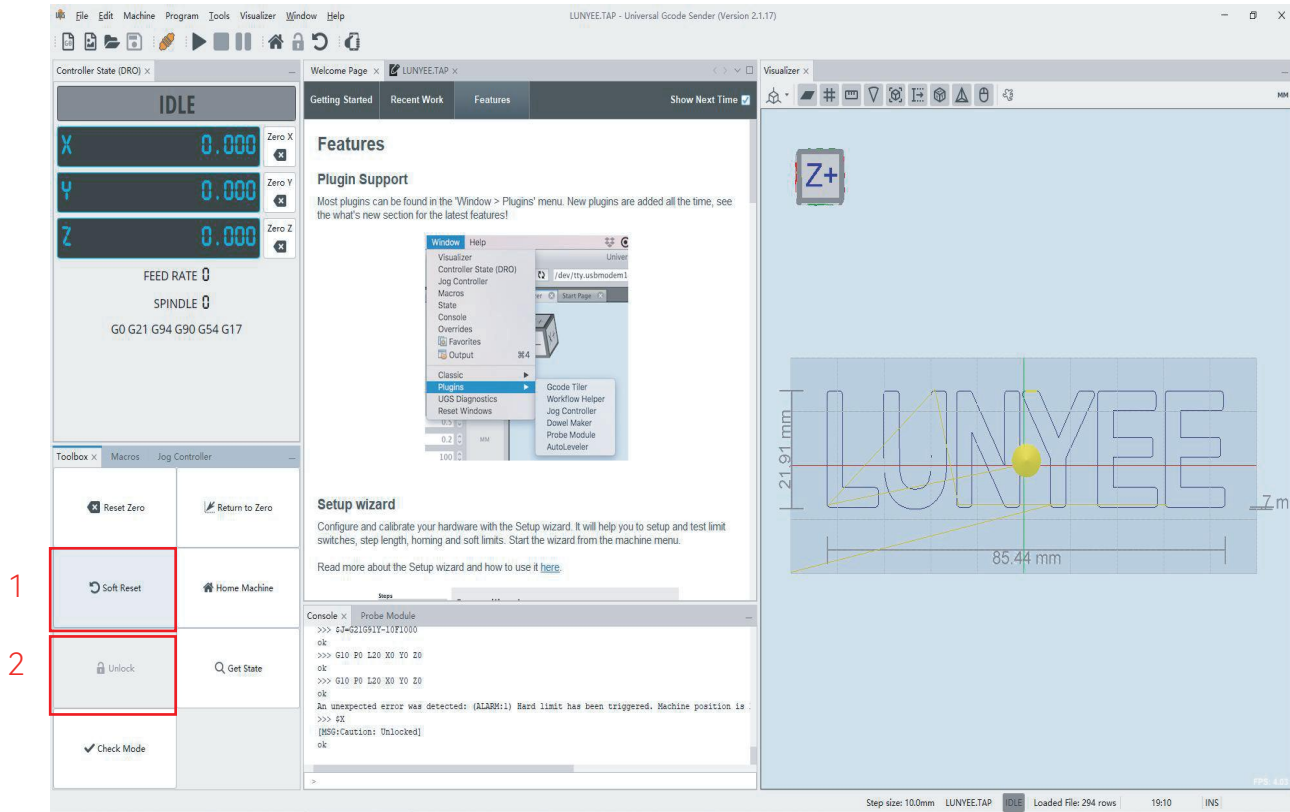
6.3 Releasing the Limit Switch

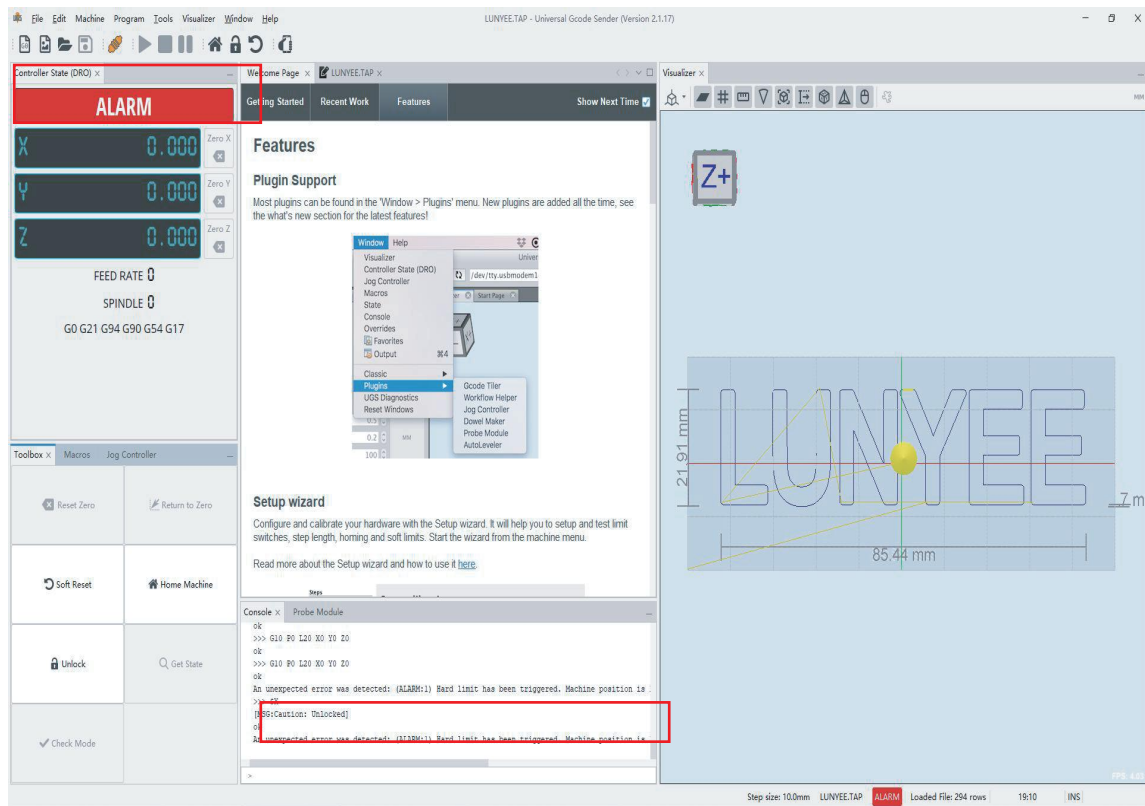
When a limit switch is triggered, the machine will enter the “ALARM” state. The control window will display an error message similar to the following:ALARM: 1 — A hard limit has been triggered. The machine position may be lost due to an unexpected stop.

It is strongly recommended to re-home the machine.[Message: Reset to continue]



2. Click Soft Reset → Unlock, then jog the spindle in the opposite direction of the limit switch.





4.Jog the spindle in the opposite direction.

The screenshot displays the LUNYEE.TAP - Universal Gcode Sender (Version 2.1.17) interface. The main window is divided into several sections:

- Controller State (DRO):** Shows the machine is in **IDLE** state. Coordinates for X, Y, and Z axes are all at 0.000. Below this, the FEED RATE and SPINDLE are set to 0, and the G-code sequence G0 G21 G94 G90 G54 G17 is displayed.
- Jog Controller:** A panel with directional buttons (Y+, X-, Y-, X+, Z+, Z-) and settings for Step size XY (10 mm), Step size Z (1 mm), and Feed rate (1,000). The units are set to Millimeters.
- Features:** A section titled "Plugin Support" and "Setup wizard". The Setup wizard section includes instructions on how to configure hardware and test limit switches.
- Visualizer:** A 3D visualization of the "LUNYEE" text, showing dimensions of 21.91 mm and 85.44 mm.
- Console:** A panel showing the execution of G-code commands. The output includes:

```
>>> G21 G94 G90 G54 G17
ok
>>> G10 P0 L20 X0 Y0 Z0
ok
>>> G10 P0 L20 X0 Y0 Z0
ok
An unexpected error was detected: (AGARRH:1) Hard limit has been triggered. Machine position is ...
>>> Z0
[MSR:Caution: Throttle]
ok
```

The status bar at the bottom indicates the current step size is 10.0mm, the file is LUNYEE.TAP, the machine is in IDLE state, and the loaded file has 294 rows. The time is 19:10 and the unit is INS.

6.4 How to Use the Emergency Stop Button

1. In an emergency, press the Emergency Stop button to stop the machine.

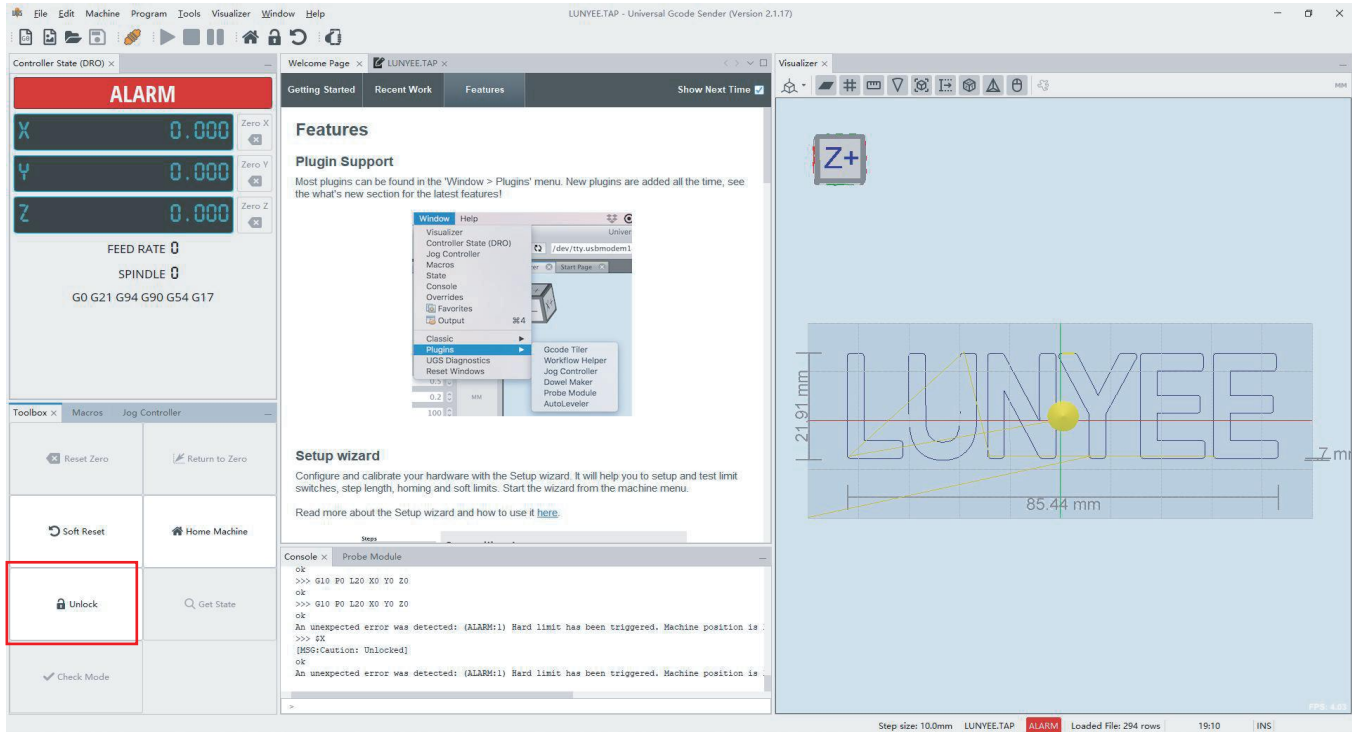


2. To restore normal operation, rotate the button clockwise to release/reset it.



3.Reset in the software:

The status will change to “ALARM”. Click “Unlock” to return to normal operation.



7.Troubleshooting

Issue	Possible Cause	Solution
Driver installation failed(Windows)	1.Conflict with an existing (old) driver 2.Insufficient system permissions	1.Uninstall the old driver first (click “UNINSTALL”), then restart the computer. 2.Right-click the installer and select “Run as administrator”.
Software cannot connect to the machine	1.Incorrect COM port selected 2.Emergency Stop is not reset 3.Limit switch triggered	1.Re-check the COM port (see Section 5.2). 2.Turn the Emergency Stop button clockwise to reset it. 3.Release the limit switch as described in Section 7.1.
Spindle does not rotate	1.The spindle power cable is not fully plugged in 2.The fuse in the control box is blown	1.Check the cable connection between the spindle and the control box, then unplug and reconnect it securely. 2.Contact after-sales support to replace the fuse (do not disassemble the control box yourself).

Issue	Possible Cause	Solution
Poor engraving accuracy (misalignment/offset)	1.Loose screws/fasteners 2.Workpiece not securely clamped 3.Limits not calibrated	1.Check all module screws and retighten them. 2.Secure the workpiece with a press plate to prevent movement during engraving. 3.Perform the zeroing procedure again.
Limit switch alarm (ALARM: 1)	1.Machine over-travel 2.Limit switch triggered	To clear the alarm, follow these steps: 1.Click Reset. 2.Use the directional buttons to jog the spindle away from the limit position (if the machine is over-traveled, click X-, for example). 3.Click Unlock.

8.After-Sales Support

8.1Warranty Information

Main unit (control box, motor, spindle): 1 year; Consumable parts (screws, press plates, USB cable): 3 months

Warranty coverage:Covers non-human-caused damage only (e.g., motor failure or control box failure that occurs during normal use). Damage caused by user disassembly, dropping/ impact, or incorrect power supply voltage is not covered.

8.2 Contact Information

Technical Support Email: support@lunyeecnc.com (reply within 24 hours; we recommend attaching photos of the issue and the machine serial number).

Official Website Resources: www.lunyeecnc.com(latest drivers, software, and video installation tutorials are available for download).

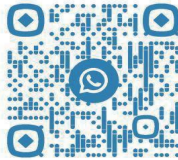


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Technical Support: support@lunyeecnc.com