2 Packing list

Sculpfun G9

Smoke exhaust duct
Throat hoop, Flange

Power supply

USB data cable

USB security key

Material fixture*2
Hand screw*2

Focusing sheet*5

Free materials

Tool accessories
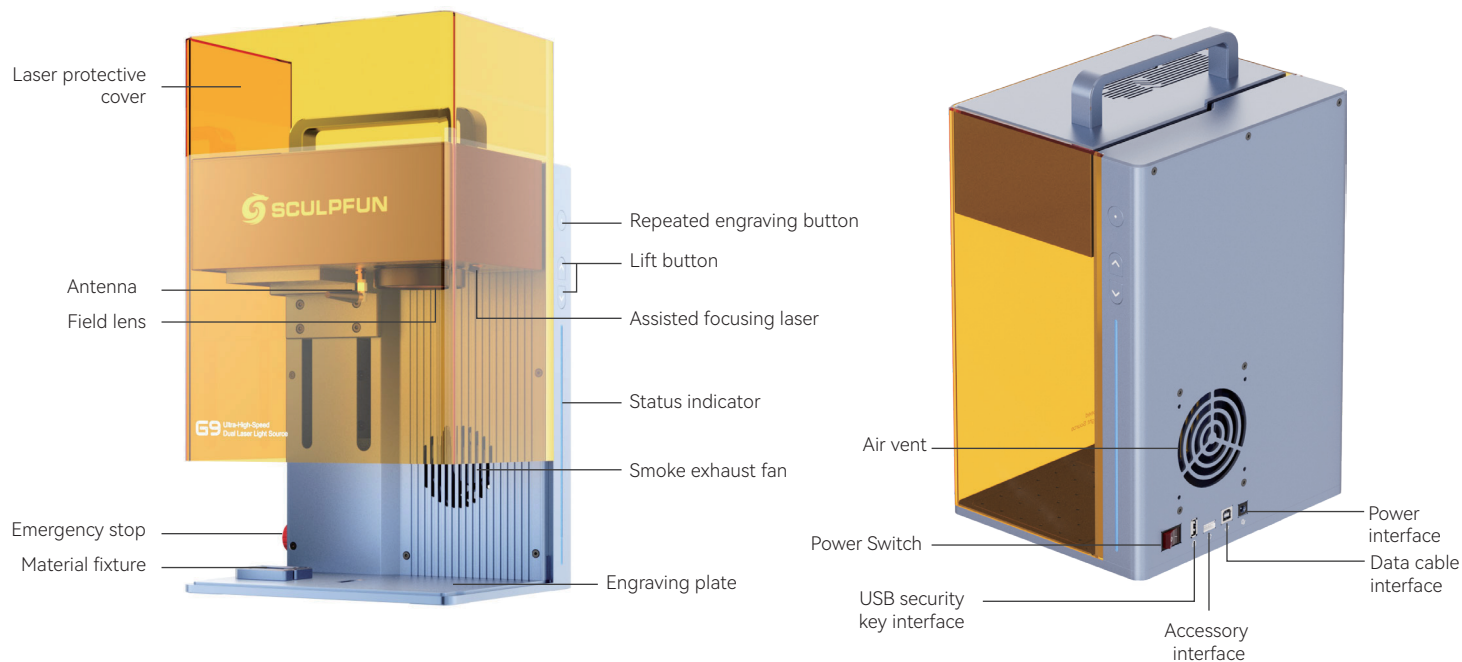package

U Disk*1

Manual

Ruler*1

Coherent paper*5

Goggles*1

Introducing G9

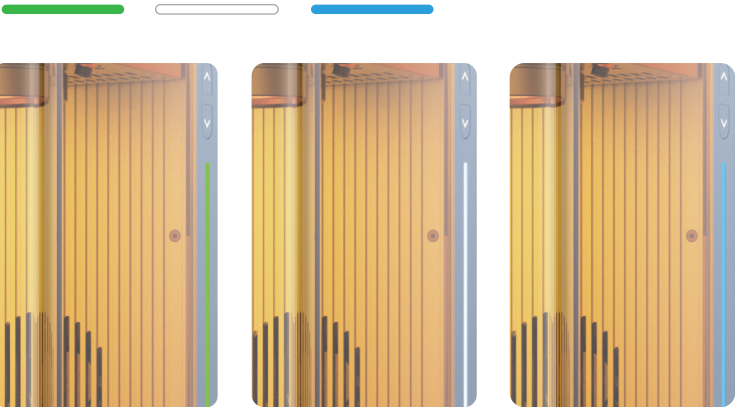The machine should only be operated from the front. Be careful to avoid tipping, which could cause laser leakage.

Product appearance structure

Laser protective cover

Antenna

Field lens

Emergency stop

Material fixture

Repeated engraving button

Lift button

Assisted focusing laser

Status indicator

Smoke exhaust fan

Engraving plate

Air vent

Power Switch

USB security key interface

Accessory interface

Power interface

Data cable interface

SCULPFUN

G9 Ultra-High-Speed Dual Laser Light Source

Indicator light description

Three color statuses of the indicator light

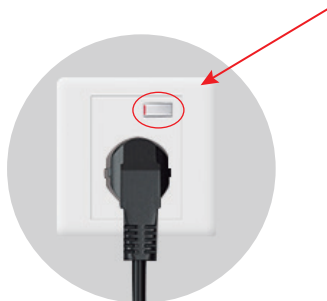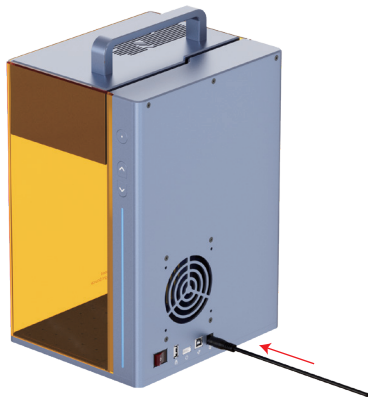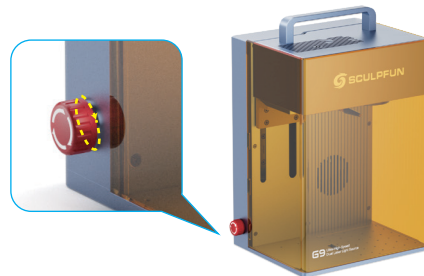| Indicator light identification	Indicator Color	Device status
Always on	Solid green	The machine is in standby or focusing
	Solid white	Red light processing
	Solid blue	Blue light processing

Product parameter specifications

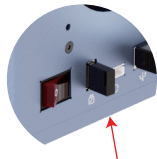| G9 detailed parameters		
	Red light	Semiconductor blue light
Laser power	2W	10W
Wavelength	1064nm	455nm
Input	12VDC 9A 108W	
Engraving area	105*105mm	
Marking speed	≤5000mm/s	
Spot accuracy	0.01mm	
Support system	Android / iOS / iPad / Windows / macOS / compatible with lightburn	
Certification	CE / ROHS / FCC / FDA	
Connection method	WIFI / USB	
Working temperature	10-30℃	
Cooling system	Semiconductor+air cooling	
Preview method	Rect preview+outline preview	
Support file formats	SVG / DXF/ JPG / PNG / BMP	
Product size	230*195*321mm	
Product weight	7. KG	

1 Preparation in advance

When connecting the machine to the power supply, it is recommended to plug it into a socket with an independent switching power supply.

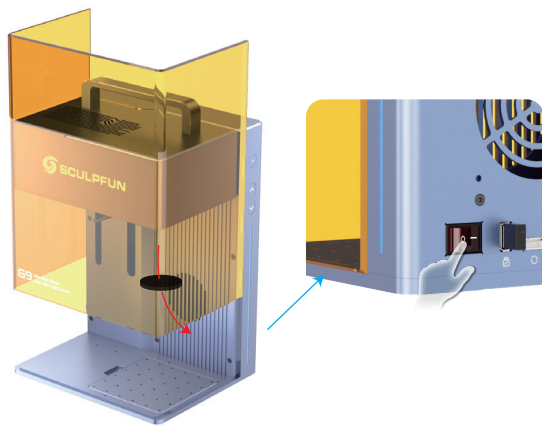**1** · Connect the power interface of the machine.

2 · Plug in the data cable and plug the other end of the interface into the computer.
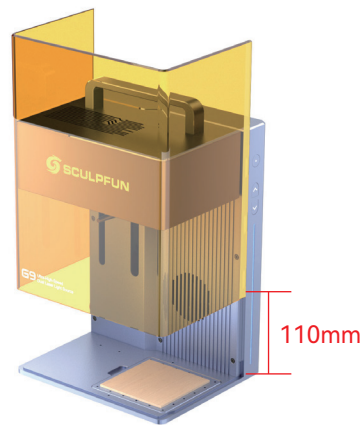

3 · Make sure the emergency stop switch is not on.

⚠️ Note: Do not insert a U disk into the USB security key interface, as it may damage the U disk.

4 · Check whether the USB security key interface is plugged in.

110mm

5   • Open the PVC laser cover, remove the field lens cover inside the laser head, and turn on the boat-shaped switch on the back of the machine.

6   • Open the cover, put in materials, focus, etc.

The laser protective cover uses a magnetic design and can slide up to 110mm. Sliding it further may cause the cover to fall off.
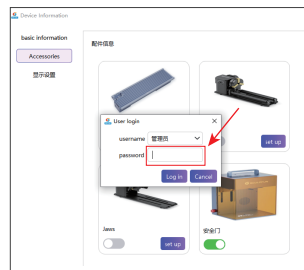
2 PC software/mobile app usage

PC software

After connecting the G9 to the software, you can start creating work content. For a detailed tutorial on how to use the software to operate the G9 for material processing, please scan the QR code to learn more.
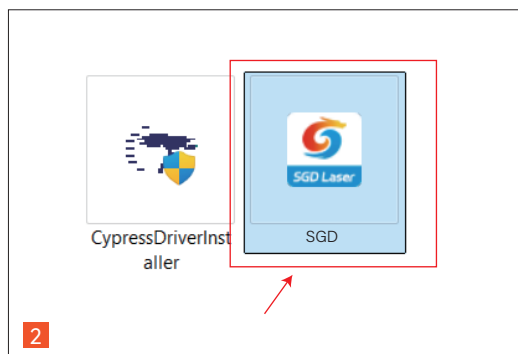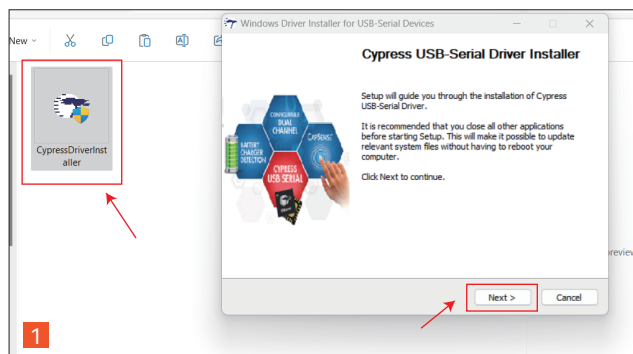

Software interface

QR code

To use G9 accessories and configure the parameters, open the device information, enter the password "sculpfun001," and then set up the corresponding accessory parameters.
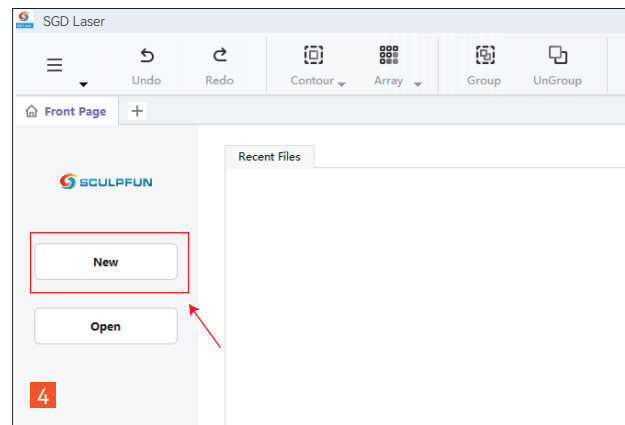
⚠️ Caution—use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

1. The windows system needs to install the driver, open the attached U disk and find "CypressDriverInstaller.exe", double-click to run the file, and complete the driver installation.

2. Open the U disk and find the SGD Laser computer software, and complete the installation.

3. Power on the G9 and connect the data cable to the computer.
4. Open the SGD LASER software and click "New" to create a new canvas.

Main interface introduction overview

Machine connection status

Edit Bar

Canvas Area

Toolbar

Layer Display Bar

Marking settings bar