

SCULPFUN S30

SCULPFUN S30 Laser Engraver Instruction Manual

Model: S30 | Brand: SCULPFUN

1. INTRODUCTION

The SCULPFUN S30 is a 5W diode laser engraver and cutter designed for precision work on a variety of materials. It features an automatic air assist system, an industrial-grade X-axis guide rail, and a robust frame, making it suitable for both engraving and cutting tasks. This manual provides essential information for the safe and effective operation of your SCULPFUN S30.

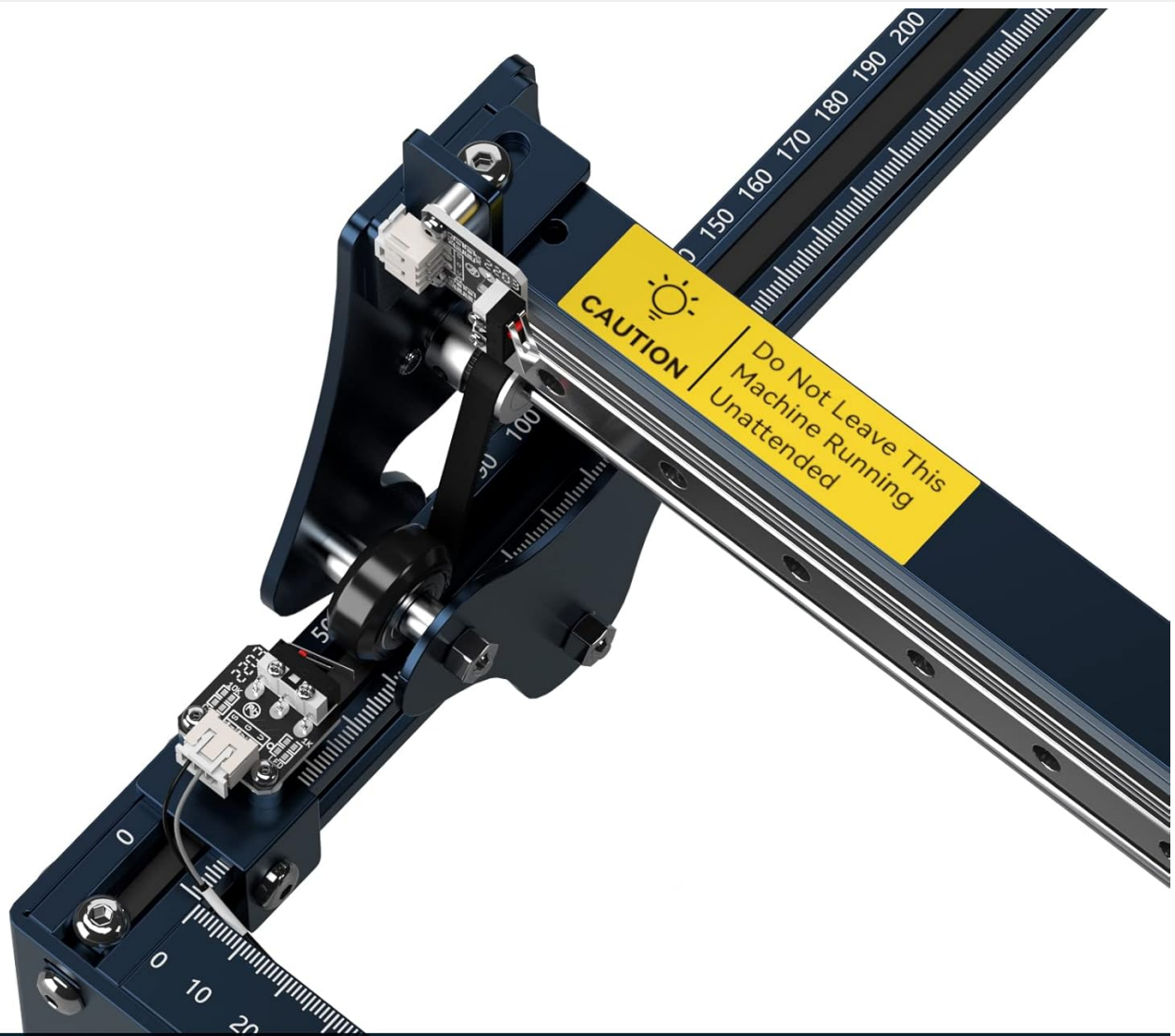


Figure 1.1: SCULPFUN S30 Laser Engraver with examples of engraved and cut materials.

2. SAFETY GUIDELINES

Operating a laser engraver involves inherent risks. Adhere strictly to the following safety precautions to prevent injury or damage.

- **Eye Protection:** Always wear the provided laser protective eyewear when the machine is in operation. The laser is Class IV and can cause severe eye damage.
- **Unattended Operation:** Do not leave the machine running unattended. Constant supervision is required during operation.
- **Ventilation:** Operate the machine in a well-ventilated area to dissipate fumes and smoke produced during engraving and cutting.
- **Material Safety:** Only engrave or cut materials specified as safe. Avoid materials that produce toxic fumes or are highly flammable.
- **Emergency Stop:** Familiarize yourself with the location and operation of the emergency stop button.
- **Children and Pets:** Keep children and pets away from the operating area.



Limit Switch in Package

S30 comes with an XY limit switch device in the package to achieve homing or positioning function, which is very helpful for repeated positioning. Users can choose to install or not to install according to their own needs, which does not affect the use.

Figure 2.1: The limit switch mechanism, featuring a caution label advising against unattended operation.

3. PRODUCT FEATURES

The SCULPFUN S30 incorporates several advanced features for enhanced performance and user experience:

- **Automatic Air Assist System:** Equipped with a 32-bit automatic air assist motherboard and an air pump, intelligently controlled via LightBurn software (M8 button). This system significantly improves cutting efficiency and cleanliness by blowing away debris.
- **High-Pressure Air-Assisted Nozzle:** Generates a high-pressure airflow of 30L/min, accelerating cutting speed by over 5 times compared to operations without air assist. Ensures clean cut surfaces.
- **Industrial X-Axis Guide Rail:** Features a precision industrial-grade X-axis guide rail, ensuring stable and accurate engraving and cutting without ripple patterns, even on small details.
- **Sturdy and Durable Frame:** Constructed from high-strength aluminum alloy, the frame can withstand up to 50KG of weight, ensuring long-term durability and precision. The modular design allows for future laser upgrades.
- **Versatile Material Compatibility:** Capable of engraving wood, MDF, zigzag, cardboard, plastic, rust, circuit board, aluminum oxide, 304 stainless steel, ceramics, and dark stone. It can cut black acrylic sheet, cardboard, non-woven fabric, bamboo sheet, leather, and certain plastic panels.

Automatic Air Pump in Package

The S30 comes with an automatic air pump in the package, which is very durable and can output 30L/min of airflow steadily. It works with the 32-bit Air Assist Mainboard to realize automatic air assist (Lightburn M8 Air Assist).



Figure 3.1: The automatic air pump, a key component for efficient cutting and engraving.

Why Automatic Air Assist is Necessary?

Sometimes air assist needs to be open and sometimes close

Turned OFF to Engraving

Turned ON to Cutting



Traditional air assist by hand is too complicated, automatic air assist is more efficient

Select the engraving pattern and turn OFF the air pump by hand



Engraving completed

Turn ON air pump by hand, select cutting pattern



Cut completed

Select the engraving pattern and turn OFF the air pump by hand



Engraving completed

Repeat the above actions.....

If you make a mistake you have to start the whole process all over again

LightBurn						
#	Layer	Mode	Spd/Pwr	Output	Show	Air
Pattern00	00	Fill	30.0 / 20.0	☒	☒	☒
Pattern01	01	Line	5.0 / 80.0	☒	☒	☒
Pattern02	02	Fill	30.0 / 20.0	☒	☒	☒
Pattern03	03	Line	5.0 / 80.0	☒	☒	☒
Pattern04	04	Fill	30.0 / 20.0	☒	☒	☒
Pattern05	05	Line	5.0 / 80.0	☒	☒	☒
Pattern06	06	Fill	30.0 / 20.0	☒	☒	☒
Pattern07	07	Line	5.0 / 80.0	☒	☒	☒



Automatic air assist will accurately perform various air assist actions ON or OFF, by no hands, save a lot of time and never make mistakes

Traditional Manual Air Pump

SCULPFUN Automatic Air Pump

Figure 3.2: Visual comparison demonstrating the benefits of automatic air assist for clean edges and cuts.

4. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- SCULPFUN S30 Laser Engraver Frame Components
- Laser Module (5W)
- Automatic Air Assist Pump
- Air Nozzle and Tubing
- 32-bit Air Assist Mainboard
- Limit Switches (X and Y axis)
- Power Adapter and Cable
- USB Cable
- Laser Protective Eyewear
- Fixed Focus Column

- Sample Materials for Testing
- Tools for Assembly
- User Manual (this document)



Figure 4.1: Overview of all components included in the SCULPFUN S30 package.

5. ASSEMBLY INSTRUCTIONS

Follow these steps to assemble your SCULPFUN S30 laser engraver. Refer to the detailed assembly guide provided in the box for visual instructions.

1. **Unpack Components:** Carefully remove all parts from the packaging and verify against the package contents list.
2. **Assemble Frame:** Connect the aluminum alloy frame components according to the diagrams in the separate assembly guide. Ensure all screws are tightened securely.
3. **Install X-Axis Guide Rail:** Mount the X-axis guide rail onto the frame, ensuring smooth movement.
4. **Attach Laser Module:** Secure the laser module to the gantry. Connect the necessary cables.
5. **Install Air Assist System:** Connect the air pump to the air nozzle and route the tubing. Ensure the nozzle is correctly

positioned near the laser output.

6. **Mount Limit Switches:** Install the X and Y axis limit switches. These are crucial for homing and precise positioning. Users can choose to install or not install them based on their needs, but installation is recommended for repeated positioning accuracy.
7. **Connect Mainboard:** Connect all motor, laser, and limit switch cables to the 32-bit air assist mainboard.
8. **Power Connection:** Connect the power adapter to the machine and then to a power outlet.

6. SOFTWARE INSTALLATION AND CONNECTION

The SCULPFUN S30 supports various operating software. LightBurn is recommended for full functionality, especially for automatic air assist control.

- **Supported Software:** LightBurn (recommended for M8 air assist control), LaserGRBL, Benbox, GrblController, LiteFire.
- **Operating Systems:** Supports Windows and MAC systems.
- **File Formats:** Compatible with NC, BMP, JPG, PNG, DXF, and other image formats.

6.1. Software Installation

1. **Download Software:** Obtain the latest version of LightBurn or LaserGRBL from their official websites.
2. **Install Drivers:** Follow the software's instructions to install any necessary drivers for your operating system.
3. **Launch Software:** Open the installed software.

6.2. Connecting the Engraver

1. **Power On:** Ensure the engraver is powered on.
2. **Connect USB:** Connect the engraver to your computer using the provided USB cable.
3. **Port Selection:** In the software, select the correct COM port for your engraver.
4. **Initial Setup:** Follow any on-screen prompts within the software for initial device setup and configuration.



Figure 6.1: The 32-bit air assist mainboard, supporting automatic air assist control and future wireless upgrades.

7. BASIC OPERATION

This section outlines the fundamental steps for engraving and cutting.

7.1. Material Placement

Place the material to be engraved or cut flat on the working surface. Ensure it is stable and does not move during operation.

7.2. Focusing the Laser

The S30 uses a fixed focus column and sliding device for focusing. Position the laser module over the material and adjust its height until the laser beam is at its smallest point on the material surface. This ensures optimal engraving and cutting performance.

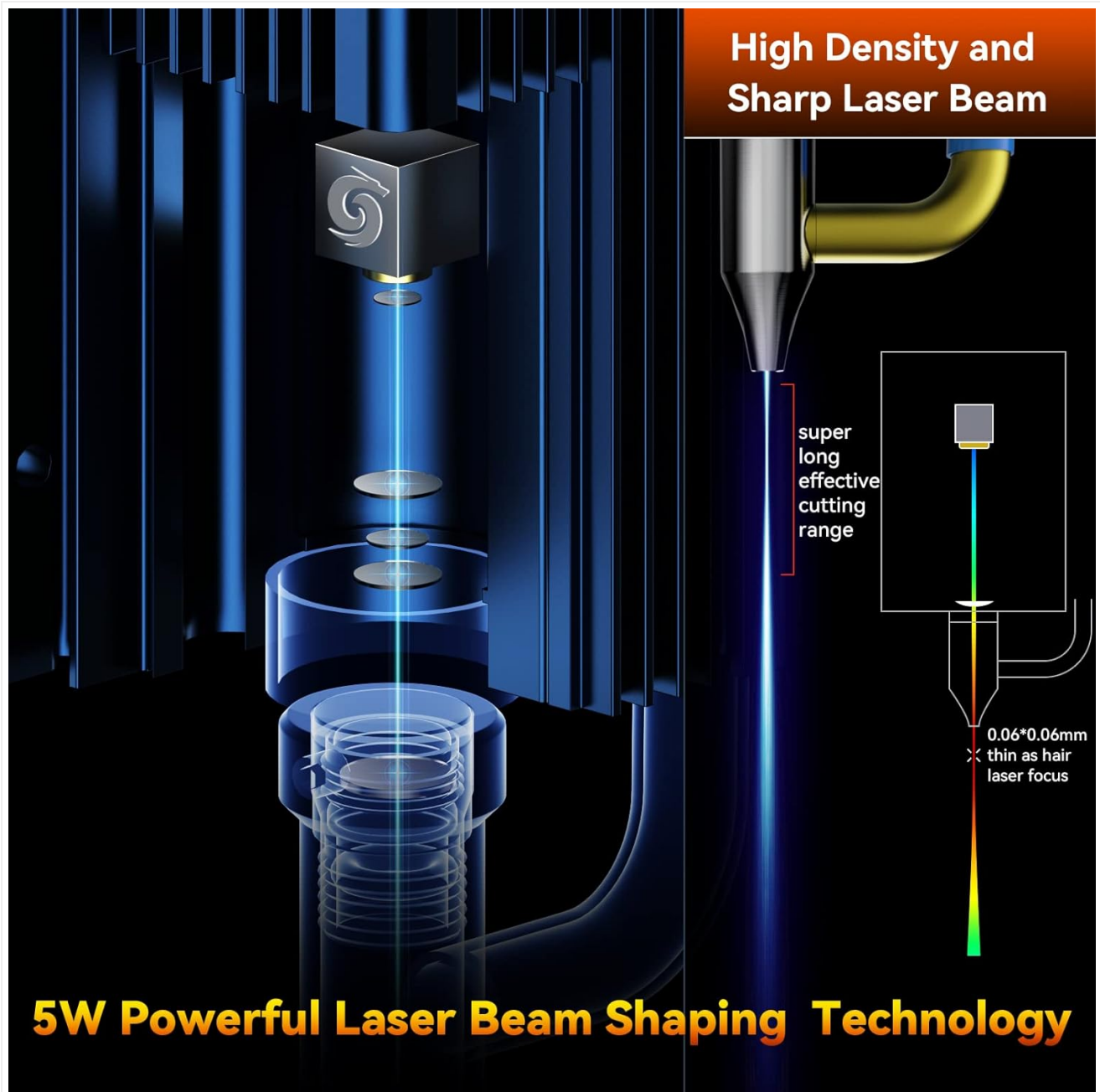


Figure 7.1: Illustration of the 0.06 x 0.06 mm laser focus and beam shaping technology.

7.3. Preparing Your Design

Import your design into the software (e.g., LightBurn). Adjust parameters such as power, speed, and number of passes according to the material type and desired outcome. For automatic air assist, ensure the M8 command is enabled in LightBurn for cutting operations.

7.4. Starting Operation

Once the design is prepared and the laser is focused, initiate the engraving or cutting process from the software. Monitor the machine closely throughout the operation.

8. MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your SCULPFUN S30.

- **Clean Laser Lens:** Periodically clean the laser lens with a soft, lint-free cloth and lens cleaning solution to maintain beam quality.
- **Clear Debris:** Remove any accumulated dust, debris, or material residue from the machine's frame, rails, and working area after each use.
- **Lubricate Rails:** Apply a small amount of lubricant to the X and Y axis guide rails periodically to ensure smooth movement.
- **Check Connections:** Ensure all electrical and air assist connections are secure and free from damage.
- **Air Pump Filter:** If applicable, check and clean or replace the air pump filter to maintain optimal airflow.

9. TROUBLESHOOTING

This section addresses common issues you might encounter.

Problem	Possible Cause	Solution
Laser not firing or weak output	Loose cable connection, dirty lens, incorrect power setting, laser module failure.	Check all connections. Clean the laser lens. Verify power settings in software. Contact support if module is faulty.
Engraving/Cutting is not precise or has ripples	Loose belts, dirty rails, incorrect focus, unstable material.	Check and tighten belts. Clean and lubricate rails. Re-focus the laser. Secure the material.
Air assist not working	Air pump not connected, M8 command not enabled in LightBurn, blocked nozzle.	Ensure air pump is connected and powered. Verify M8 command is active in LightBurn. Check for nozzle blockages.
Machine not connecting to computer	Incorrect USB port selected, missing drivers, faulty USB cable.	Select correct COM port in software. Install necessary drivers. Try a different USB cable.

10. TECHNICAL SPECIFICATIONS

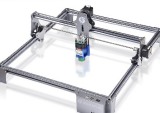
Specification	Value
Diode Laser Output Power	5W (light energy)
Laser Focus	0.06 x 0.06 mm
Laser Wavelength	455 ± 5nm
Focusing Method	Fixed focus column + sliding device
Air Assist Flow Rate	30L/min (automatic)
Operating Software	LightBurn, LaserGRBL, Benbox, GrblController, LiteFire

Specification	Value
Supported File Formats	NC, BMP, JPG, PNG, DXF, and other image formats
Power Input	100-240 V AC, 50/60 Hz
Power Output	12 V 7 A
Product Dimensions	22.44 x 23.23 x 10.63 inches
Item Weight	14.65 pounds
Manufacturer	SCULPFUN
Date First Available	November 23, 2022

11. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the documentation included with your product or visit the official SCULPFUN website. Keep your purchase receipt as proof of purchase for warranty claims.

Related Documents - S30

 SCULPFUN S30 Laser Engraver Assembly Instructions	SCULPFUN S30 Laser Engraver Assembly Instructions and Guide Comprehensive assembly instructions for the SCULPFUN S30 Laser Engraver. Learn how to build your laser engraver step-by-step, including belt tensioning and focusing tips. Includes software and support information.
 SCULPFUN S6/S9 Series Laser Engraving Machine User Manual Note: Which engraving software should I choose? We professional in cutting program software for LightBurn, the engraver or simple engraving software LaserGRBL. They both have official website or YOUTUBE channel, you can have a quick look to choose.	SCULPFUN S6/S9 Series Laser Engraving Machine User Manual A comprehensive user manual for the SCULPFUN S6 and S9 series laser engraving machines, covering software installation (LaserGRBL and LightBurn), connection, preparation, engraving settings, material recommendations, troubleshooting, and maintenance.
 SCULPFUN S10 Laser Engraver Assembly Instructions Quick Start Guide Please refer to the Quick Start Guide for the assembly and operation of the S10 Laser Engraver.	SCULPFUN S10 Laser Engraver Assembly Instructions A comprehensive guide detailing the assembly process for the SCULPFUN S10 Laser Engraver, including parts identification, step-by-step instructions, and essential usage tips for optimal performance.
 SCULPFUN S6/S9 Series Laser Engraving Machine User Manual Note: Which engraving software should I choose? We professional in cutting program software for LightBurn, the engraver or simple engraving software LaserGRBL. They both have official website or YOUTUBE channel, you can have a quick look to choose.	SCULPFUN S6/S9 Series Laser Engraving Machine User Manual User manual for the SCULPFUN S6/S9 Series Laser Engraving Machine, covering software installation (LaserGRBL, LightBurn), connection, engraving preparation, operation, material suggestions, troubleshooting, and maintenance.

	SCULPFUN IR-2 2W 1064nm Laser Module Installation Guide Comprehensive installation instructions for the SCULPFUN IR-2 2W 1064nm laser module, covering packaging, assembly, and mounting for various SCULPFUN laser engraver models including SF-A9, S10, S6, S9, S30, and S30 Ultra.
	Sculpfun iCube Laser Engraving Machine User Manual User manual for the Sculpfun iCube series of desktop laser engraving machines, covering product structure, focusing, software installation and connection, app interface, PC software, filter replacement, and FAQs.

Documents - SCULPFUN – S30

	[pdf] User Manual Label Download SCULPFUN S30 Pro Laser Engraving Machine 10W Sculpfun Series user manual User Manual v 1729234473 cdn shopify s files 1 0628 0695 0066 English Deutsch Franais Italiano espaol Polski Preview the main parts 7limit switch 1Back Beam ... long side of the T-nut perpendicular to the groove. Step 5 Install laser module and Laser shield S30 Pro Max S30/S30 Pro 2 2 2 1 2 11 1 . M4 hand screw 2. M3 hand screw Install laser modul... lang:en score:42 filesize: 2.96 M page_count: 72 document date: 2023-02-17
	[pdf] User Manual Instructions Label PowerPoint Bobo SCULPFUN S30 Ultra 22W Laser Engraver Cutter User Manual geekbuying mediafire file lsmlgwkidyxdp82 SCULPFUN S30 Ultra Series Laser Engraver Assembly Instructions English Deutsch Franais Italiano espaol Polski Preview the main parts 7limit switch 8Laser module 10Column Seat Note Pay attention to the details of the scale line on the lower left corner beam, refer to this picture to judge whether... lang:en score:39 filesize: 4.01 M page_count: 84 document date: 2023-05-11

KING GUBBY DESIGNS



Sculpfun S30 Z Axis Adjuster

INSTALLATION MANUAL

[pdf] User Manual Installation Guide Sculpfun S30 Z Adjuster Install Manual 4 11 2023 DAFbg1LWDf0 BACBcfSTMsU Brett Littlewood ■ Manuals VL Guitar Repaircdn shopify s files 1 0601 3727 5569 v 1681516733 KING GUBBY DESIGNS Sculpfun S30 Z Axis Adjuster INSTALLATION MANUAL Included Parts For Z Axis Carriage Plate Module Plate Module Adapter Plate Carriage Anchor Plate M6 Bolt Barrel Nut Bolt Clip 4mm T Handle Wrench 6 x M3 Screws 6 x M4 Screws 4 x M4 Hex Nuts 8 x M3 Hex Nuts 2 x M4 Countersunk Scre... lang:en score:38 filesize: 18.25 M page_count: 17 document date: 2023-04-14	
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SCULPFUN S30 Ultra Series Laser Engraver Assembly Instructions



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LightBurn for better cutting lightburnsoftware Learn more in User manual or YouTube > For technical edited diode laser wiki 04 Instructions Step 1 Assemble the back left and right beams 2 4 3 Back Beam Notice label on bags ! Left Right Note 1 Find required tool screw model before starting assembly T shaped hexagon wrench Step1 Screw bag frame Handbuch Download Sculpfun Serie Diode Wiki Links Media |||

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SCULPFUN S30 Ultra Series Laser Engraver Assembly Instructions



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SCULPFUN **S30** Ultra Series Laser Engraver Assembly Instructions English Deutsch Franais Italiano espaol Polski Preview the main parts 7limit switch 8Laser module 10Column Seat Note Pay attention to the details of the scale line on the lower left corner beam, refer to this picture to judge whether...

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SCULPFUN S30 Ultra Series Laser Engraver Assembly Instructions



SCULPFUN S30 Laser Engraver Assembly Instructions



[SCULPFUN S30 Laser Engraver Assembly Instructions and Guide](#)

Comprehensive assembly instructions for the SCULPFUN S30 Laser Engraver. Learn how to build your laser engraver step-by-step, including belt tensioning and focusing tips. Includes software and support information.

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[\[pdf\]](#) User Manual

RA 5 RA Pro Max User s Manual Sculpfun Laser Engraving Software Driver Free Download manual drive google file d 1UMRsN yjEOFsWFIznK 1qM8op4HfuzVV view usp link |||

Table of contents 1.Appearance Preview 01 2.Packing List 03 3.Usage on SF-A9 06 1.Installation Tut ... uf anderen Modellen / Utilisation sur d autres Other models include: SCULPFUN S6, S6 Pro, S9, S10, **S30** series, **S30** Ultra series, etc. Andere Modelle umfassen: SCULPFUN S6, S6 Pro, S9, S10, **S30** Serie,...

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SCULPFUN

SCULPFUN IR-2 2W 1064 Laser Module Installation Instructions

Packaging List:

1. IR-2 laser module

2. Adapters

3. S10 mounting plate

4. SF-A9 mounting plate

5. Universal mounting plate for other models

6. Accessories package



Notice: "If the machine you are using is equipped with an air pump, please unplug the air pump before using the IR-2 adapter. Inconsistent voltages will damage the air pump."

Product Assembly Instruction



SCULPFUN SF-A9

SCULPFUN S6, S9, S30, S30 Ultra

SCULPFUN S10

Product Model: SCULPFUN S30S/W

Main features:

1. Automatically controlled air assist system: The traditional adapter air assist will always be turned on and cannot be controlled during engraving, and the engraved pattern will be smoked into a fuzzy fog. The S30 series is equipped with an advanced 32-bit motherboard and a control-type air pump, which can intelligently control the air assist switch during engraving through the lightburn software 100 frames, this makes the engraving and cutting very clean, and is very suitable for the manufacture of exquisite gifts.

2. Built-in high pressure air assist nozzle: S30 series is equipped with advanced high-pressure assisted nozzle heads, which can generate high-pressure airflow under the air pump, greatly improving the cutting efficiency, with the cutting speed is increased 3 times faster than the laser without an assistance. The power of airflow blows away the debris, making the cut surface very clean.

3. Ultra-thin 5W, 10W, 20W three laser options: S30 series adopts ultrathin laser shaping technology, the laser focus is as thin as hair, very powerful for engraving or cutting. S30 5W laser is high cost-effective, and can meet 100% of hobby needs; S30 Pro 10W laser is suitable for frequent cutting, do everything better; S30 Pro Max 20W pursues the ultimate cutting speed, suitable for professionals, shops or factories.

4. Replaceable protection lens: S30 series laser adopts replaceable lens, which greatly improves the service life of the laser module, more than 10 times longer than other general lasers. When the lens is damaged or after long-term use, the lens can be replaced to restore its cutting power. A free lens is included with the purchase, more lens can be easily purchased from SCULPFUN.

5. Replaceable engraving area on both XY axis: The S30 series adopts an innovative XY axis replaceable design, the original engraving area is about 400x400mm, but you can purchase a 4-axis expansion kit to expand the engraving area to 135x400mm; purchase an XY axis expansion kit to upgrade to 10 to 135x1050mm large engraving area, which can help you better handle large area engraving or cutting work.

6. Upgraded 32-bit air-assist motherboard: The latest 32-bit motherboard supports automatic air-assist control, Reserve Bluetooth, SD card offline printing function. (Upgrade kit sold separately).

7. Industrial-grade cutting accuracy: S30 series adopts extremely solid and high-precision linear slide rail 8-axis, making it reach industrial-grade engraving accuracy. When comparing small engraving details, the S30 series does not have the wavy pattern that appears in ordinary engraving machines.

8. Durable laser eye shield: The S30 series is equipped with a detachable eye shield, which will not damage even without gloves. Also if you don't need it, you can easily disassemble it.

9. Sturdy and durable frame: The S30 series is made of high-strength aluminum alloy, its frame can bear up to 2000 weights without damage, and is very durable. The frame can be used for a long time and maintain high precision, only needs upgrade to latest base when the machine needs to be upgraded.

10. Safety design: The presented 4k eye shield and pad cannot protect to make laser damage, isolate the hazards. There is a very safe and eye-catching power switch on the machine, you can directly and quickly turn off the power in an emergency.

11. Right-angle measuring ruler: There are precise scale lines on the X-axis and Y-axis to form a right-angle measuring ruler, which is convenient for you to quickly measure the size of the engraved object. The 43x430mm large area engraving range can meet your various engraving needs.

SCULPFUN IR-2 2W 1064nm Laser Module Installation Guide

Comprehensive installation instructions for the SCULPFUN IR-2 2W 1064nm laser module, covering packaging, assembly, and mounting for various SCULPFUN laser engraver models including SF-A9, S10, S6, S9, S30, and S30 Ultra.

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[pdf] Datasheet

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Product Model: SCULPFUN **S30** 5W Main features: 1. Automatically controlled air assist system: The traditional adapter air assist will always be turned on and cannot be controlled during engraving, and the engraved pattern will be smoked into a fuzzy fog. The **S30** series is equipped with an airassist 3...

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S30 series manual in six languages The Official Online Website of SCULPFUN® Laser Engraver drive

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English Deutsch Franais Italiano espaol Polski Preview the main parts 7X Beam set 5 3Left Beam 5Foot support 8Laser module 2Front Beam 1Back Beam 5 Main Unit 1Back Beam 2Front Beam 3Left Beam 4Right Beam 5Foot support 6Air Pump 7X Beam set 8Laser module 9Air tube 4Right Beam Note This pi...

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SCULPFUN S30 Series Laser Engraver Assembly Instructions



English

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Product Model: SCULPFUN S30 Pro 10W

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What
What did it do?
What are the benefits?
What I used
What I used
The process I used
Result
Build Log
Configure driver and position
Initial test with a small laser diode
Connect the 5V driver and test
Connect the 5V driver and test
Connect the 5V driver and test
Connect the laser head
Make a note for air vent, as an external relay
Adjusting the GDS, software
Result
The completed project
Close

Replace Sculpfun Controller with MKS DLC-32

You can get a rather useful overview of board replacement here <https://shop.sculpfun.com/document/shopsulfunboardreplacement>. Some of the information is a bit inconsistent with the MKS DLC-32 but the overview is excellent and was the base for what I did.

Why?

Two reasons

First, the original controller provided with the Sculpfun S30 Pro Max with X and Y extension rails never worked particularly well. The original board overheated and failed intermittently. The problem occurred when the extension rails were installed and the board needed to drive a second Y motor. Eventually the heat sink adhesive on the stepper driver failed and the heat sink fell off after which laser motion became extremely erratic particularly in the Y direction. These issues persisted even when the board was cooled with a 3" muffin fan. Eventually, the board completely failed. Sculpfun declined to replace it.

[pdf] Installation Guide Documentation

Sculpfun 30 Notes Download Mainboard Replacement Diode Laser Wiki controller replacement diode laser wiki 2025 02 |||

Why How hard is it to do What are the benefits Was it worth it What I Used The process I used St ... he base for what I did. Why Two reasons: First, the original controller provided with the Sculpfun **S30** Pro Max with X and Y extension rails never worked particularly well The original board overheate...

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[pdf] User Manual Installation Guide

5 User Manual Download S30 Ultra 33W Laser Module Upgrade Kit for Series Seri Sculpfun Europe S9 Machine Installation Instruction A4 2023 7 10 v 1731744761 cdn shopify s files 1 0787 8413 5361 ||| S9 Laser Machine Upgrade Kit Installation Instruction Packing List : 1a22W/33W Laser Head x 1 with connecting plate 2aAir Pump x 1 3aAir Tube x 1 4aLaser Cover x 1 5a32-bit Motherboard x 1 6aMotherboard Shell x 1 with bluetooth antenna 7a24V 7 A Power Adapter x 1 8aLimit Switch x 2 9aLaser Repai...

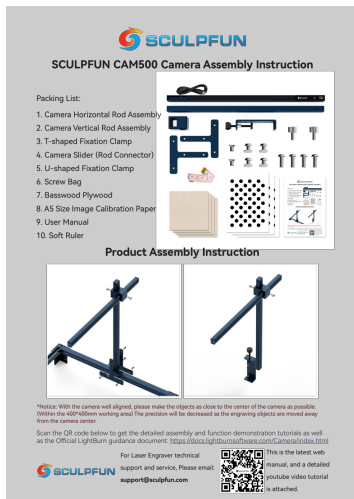
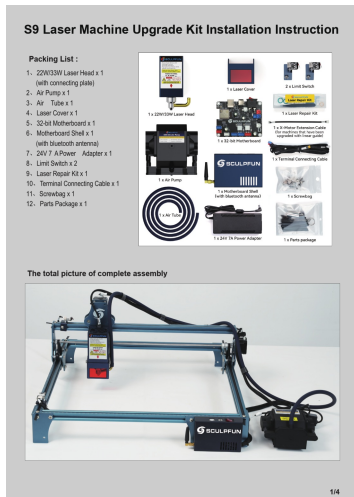
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2023 6 27 Manuale dell utente SCULPFUN CAM500 Lightburn fotocamera per incisore laser Telecamera estraendo il modello immagine di posizionamento precisione S6 S9 S10 S30 Ultra Amazon it Fai da te B1NtG6ryzqL m media amazon images I |||

SCULPFUN CAM500 Camera Assembly Instruction Packing List: 1. Camera Horizontal Rod Assembly 2. Camera Vertical Rod Assembly 3. T-shaped Fixation Clamp 4. Camera Slider Rod Connector 5. U-shaped Fixation Clamp 6. Screw Bag 7. Basswood Plywood 8. A5 Size Image Calibration Paper 9. User Manual 10. So...

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[pdf] Documentation Declaration of Conformity

C E R T I F A Bol Model No S9 S6 Pro S10 S30 Max S30Ultra 11W Ultra 22W 33W S50 original media s
bol 3gD4yj0n5wMA |||
CERTIFICATE Of Conformity EU Council Directive 2014/30/EU Electromagnetic
Compatibility Registratio ... ng China : Laser Engraving Machine Model No. : Trade
Mark : S9, S6, S6 Pro, S9 Pro, S10, S10 Pro, **S30, S30 Pro, S30 Pro Max, S30Ultra-**
11W , **S30 Ultra-22W, S30 Ultra-33W, S50, S50 Pro, S50 Pro Max.SR...**
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RA 5 C1J2qcy99iL ref dp product quick view m media amazon images I |||
Becienungsenleitung scULPFUN SCVLPFUN RA PRO/RA PRO MAX
Inhaltsverzeichnis 1.Vorschau des Ersche ... ; 14 4 Verwendung auf anderen
Modellen Andere Modelle umfassen: SCULPFUN S6, S6 Pro, S9, S10, **S30 Serie,**
S30 Ultra Serie, etc. Installationsanleitung Whlen Sie die entsprechende
Lochposition, um...
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RA PRO MAX V1 0 2024 3 28 Download Pro Max Rotary Chuck Diode Laser Wiki MAX ManualV1
diode laser wiki 04 |||
Table of contents 1.Appearance Preview 01 2.Packing List 03 3.Usage on SF-A9 06
1.Installation Tut ... Uso en otros modelos / Uycie na innych modelach Other models
include: SCULPFUN S6, S6 Pro, S9, S10, **S30 series, S30 Ultra series,** etc. Andere
Modelle umfassen: SCULPFUN S6, S6 Pro, S9, S10, **S30 Serie,**...
lang:it **score:19** filesize: 10.47 M page_count: 54 document date: 2024-03-28



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Table of contents Place the roller in a horizontal position with X axis engraving machine Connect motor
connection cable to RA A1DHBdL7uAL ref dp product quick view m media amazon images I |||
Table of contents 1.Appearance Preview 01 2.Packing List 03 3.Usage on SF-A9 06
1.Installation Tut ... Uso en otros modelos / Uycie na innych modelach Other models
include: SCULPFUN S6, S6 Pro, S9, S10, **S30 series, S30 Ultra series,** etc. Andere
Modelle umfassen: SCULPFUN S6, S6 Pro, S9, S10, **S30 Serie,**...
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Deutsch S30 Pro ist 50 mm Max 40 the surface of engraved object Rand der Aluminium
Legierungsschale Wie man die Spannung einstellt von x B11SFAFRGVL m media amazon images I |||
Deutsch Vorschau der Hauptteile 7limit switch 1Back Beam 3Left Beam 8Laser
module 2Front Beam ... e des T-Nuss senkrecht zur Rille zu halten. Schritt 5
Installieren Sie Lasermodul und Laserschild **S30 Pro Max S30/S30 Pro 2 2 2 1 2 1 1**
Installieren Sie das Lasermodul und Laserschild von Hand...
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☒English ☒Deutsch ☒Français ☒Italiano ☒español ☒Polski B1WLGyXVohL ref dp product quick view m media amazon images l |||

English Deutsch Franais Italiano espao! Polski Preview the main parts 7limit switch 1Back Beam ... long side of the T-nut perpendicular to the groove. Step 5 Install laser module and Laser shield **S30 Pro Max S30/S30 Pro 2 2 2 1 2 1 1 1** . M4 hand screw 2. M3 hand screw Install laser modul...

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IR-2 Test materials	mm	mm	Reference	Reference model
Stainless steel	6000mm/m	100mm/m	100mm/m	100mm/m
Iron	6000mm/m	100mm/m	100mm/m	100mm/m
Copper	6000mm/m	70mm/m	100mm/m	100mm/m
Aluminum	6000mm/m	70mm/m	100mm/m	100mm/m
Aluminum	6000mm/m	100mm/m	4000mm/m	100mm/m
Plastic	1000mm/m	100mm/m	30mm/m	100mm/m
Leather	6000mm/m	70mm/m	100mm/m	100mm/m
Black acrylic	6000mm/m	70mm/m	30mm/m	100mm/m
Painted ceramic	3000mm/m	100mm/m	100mm/m	100mm/m
Rock	6000mm/m	100mm/m	100mm/m	100mm/m
Stained glass	6000mm/m	100mm/m	30mm/m	100mm/m

Note: The above test parameters are for reference only!

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Administrator Download Módulo láser infrarrojo Sculpfun IR 2 1064nm para series S9 S10 S30 UI Europe Test Parameter Table testing parameters reference v 1728893949 cdn shopify s files 1 0628 0695 0066 ||| IR-2 Test materials max min Moderate Reference model Stainless steel 6000mm/m 100 100mm/m 20 500mm/m 100 **S30** series iron 6000mm/m 100 100mm/m 20 100mm/m 100 **S30** series copper 6000mm/m 70 100mm/m 20 100mm/m 100 **S30** series aluminum 6000mm/m 70 100mm/m 20 3000mm/m 100 **S30** series ... lang:en **score:16** filesize: 35.75 K page_count: 1 document date: 2024-01-20

	40	60	80/100 PRO	80 PRO MAX
Cutting 3MM Plywood	3000mm/min 1 passes power 100% All On	3000mm/min 1 passes power 100% All On	3000mm/min 1 passes power 100% All On	3000mm/min 1 passes power 100% All On
Cutting 6MM Plywood	3000mm/min 4 passes power 100% All On	3000mm/min 3 passes power 100% All On	3000mm/min 3 passes power 100% All On	3000mm/min 3 passes power 100% All On
Cutting 10MM Plywood	/	3000mm/min 12 passes power 100% All On	3000mm/min 6 passes power 100% All On	3000mm/min 2 passes power 100% All On
Engraving Plywood	2000mm/min power 40% All On	2000mm/min power 40% All On	2000mm/min power 30% All On	2000mm/min power 30% All On
Cutting 1MM Plywood	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 3 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 4 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 5 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 6 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 7 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 8 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 9 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 10 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 11 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 12 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 13 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 14 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 15 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 16 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 17 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 18 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 19 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On
Cutting 1MM Plywood	3000mm/min 20 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On	3000mm/min 2 passes power 100% All On

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liao jianjin S9 S30 S10 PRO MAX Diode Laser Wiki Cutting 3MM Plywood 300mm 11MM Black Acrylic 180mm min 11 passes power 100% Air On 6 3 6MM sculpfun parameters diode laser wiki 2023 01 ||| S9 **S30 S10/S30 PRO S30 PRO MAX** Cutting 3MM Plywood 300mm/min 2 passes power 100 Cutting 6MM Plywood 300mm/min 4 passes power 100 Cutting 10MM Plywood / 300mm/min 1 passes power 100 Air On 240mm/min 3 passes power 100 Air On 180mm/min 12 passes power 100 Air On 480mm/min 1 passes powe... lang:tl **score:15** filesize: 45.26 K page_count: 2 document date: 2022-12-29



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A9. Price: 309 from sculpsfun.com TOOCOA L2 2W Toocaa has a high powered diode

laser machi...

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