VEVOR ®

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate www.vevor.com/support

DESKTOP VINYL CUTTER

MODEL:SMART1

Model: Smart1

NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us:

Technical Support and E-Warranty Certificate
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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

Contents

Ⅰ. Bacic Safety Rules

WARNING：Read all safety warnings, instructions, illustrations and specifications provided with this appliance. Failure to follow all instructions listed below may result in electric shock, fire and/or serious injury.

1. Protective material must be removed before turning on the cutting plotter.

2. Check the label on the back side of the plotter to confirm that the rated voltage required by the plotter matches the voltage of the power base.

3.Firstly make sure that the power switch is off, then plug the power supply into grounded power outlet.

4.Do not operate any appliance with a damaged cord or plug or after the appliance malfunctions, or has been damaged in any manner. Return appliance to the nearest authorized service facility for examination, repair or adjustment.

5.Type X attachment: If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or its service agent.

6.Please do not touch the power cord with wet hands to avoid electric shock.

7.Please only use the power cord, data cable provided with this product, or manufacturer-approved replacements.

8.Do not use outdoors. INDOOR USE ONLY

9.Please do not drop metal objects and liquids into the machine to avoid malfunction.

10.After shutting down, you must wait another 5 seconds to turn on the cutting plotter again, otherwise it will cause damage to the cutting plotter.

11.In thunderstorms, turn the power switch to OFF and unplug the power cord.

12.Please do not privately change the manufacturer's components.

13. Manufacturer reserves the right to change product specifications without prior notice.

14.The manufacturer only bears the legal obligations of the product itself sold to the users, and does not bear other losses caused by the malfunction of the products.

15.Without our company's permit, no part of this manual can be copied or transmitted in any name.

16.Do NOT drag the carriage by hand.

17.If there is an abnormal sound after powering on the machine, please turn off the power immediately and contact the after-sales department for feedback.

18.This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

19.Close supervision is necessary when any appliance is used by or near children. Children shall not use the appliance. Cleaning and user maintenance shall not be made by children.

20.To protect against fire, electric shock, or personal injury, do not immerse cords, electric plugs, or appliances in water or other liquids.

21.**WARNING:**

Blade is very sharp.Please do not touch the blade directly with your hand, otherwise, your finger will be injured and the tip will be blunt. and hold the arbor on the blade when you remove it.
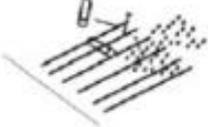
Ⅱ.Matters Needing Attention

To ensure that the operator can correctly use the plotter and prevent damage to it, please follow the instructions marked with the following indicators.

1. Ensure Safe Use Methods

| ⚠ warning	Improper operation can result in injuries.
	Improper operation may cause damage to the machine.
⚠ Pay attention to	Improper operation may result in personal injury or damage to other objects.

2.Symbol Description

⚠	warning

⚡	Symbol indicates that users need to pay close attention. The image on the left signifies "Beware of electric shock."
🚫	Do not use a power supply that does not meet the rated voltage. Using an unqualified power supply can cause fire or electric shock.
🚫	**If the machine emits smoke, unusual odors, noise, or exhibits any other abnormal behavior, please power it off immediately and do not continue using it.** Using the machine in such conditions can lead to fire or electric shock.
🚫	**Do not plug or unplug the power cord while the power is on.** Unplugging the power cord while the power is on can damage the machine.
⏚	**Ensure that the machine is properly grounded.** Failure to ground it may result in electrical shock or mechanical failure.
🚫	**Do not disassemble, repair, or modify the machine.** Doing so can result in a fire or electric shock, leading to personal injury.
⚠	Pay attention to
🚫	**The machine should not come into contact with liquids, or fall onto metal objects, and so on. These objects can cause fires.**
🚫	**Do not damage or replace the original power cord, and avoid excessive bending, pulling, tying, or placing heavy objects on the power cord.**

	If the cutting plotter will not be used for a long time, please unplug the power cord from the socket. Otherwise it will cause a fire.	
	When operating, do not put your hands on the reel. This may cause injury.	
	The machine should be positioned on a stable surface. Otherwise, the machine may topple, causing injury.	
	When disconnecting the power cord from the socket, please pull the plug, not the cable. Pulling on the cable can cause electric shock or fire.	
	Using the machine during thunderstorms and lightning weather is prohibited to prevent lightning damage to the machine.	
	Before inserting the power plug, check whether the power supply voltage and power cable are normal. Make sure there are no exceptions before you plug in the device.	
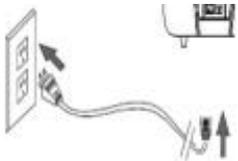
Ⅲ. **Introduction for Main Parts**
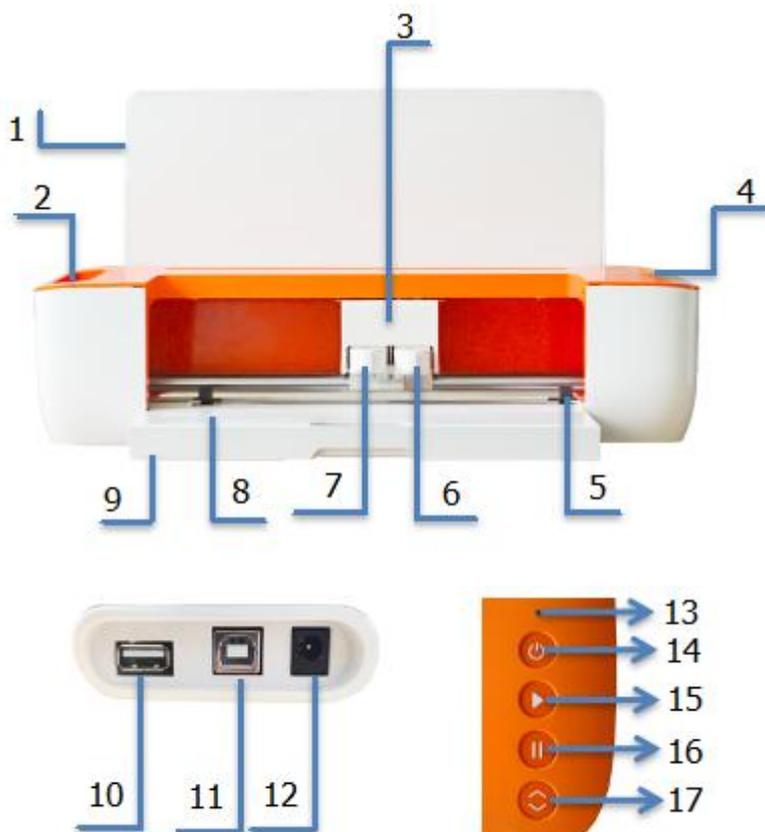
1.Cover plate	2. Storge cup
3. Carriage	4.Button
5.Paper roller	6.Clamp R
7.Clamp L	8.Cutting platform
9.Storage box	10.U-DISK port
11.USB Type-B	12.DC 24V
13.Indicator light	14.Power button
15.Start button	16.Pause button
17.Load/unload button	

Light status description

White：Normal

Blue：Bluetooth connected

Red：Machine fault

Ⅳ. Technical Parameters

Mode Item	Smart1
Max. feeding width	13inch(330mm)
Max. cutting width	12inch(305mm)
Cutting thickness	≤1mm
linear velocity	10-300mm/s
Right tool pressure	10-500gf
Left tool pressure	50-500gf
Buffer	1M
Cutting precision	±0.1mm
Interface	U-DISK/USB /Bluetooth4.2ble
Supporting systems	Mac、Windows 、Android 5.1/iOS 11.0 above
Adapter	INPUT:AC100-240V,50-60Hz，48W; OUTPUT:DC24V ， 2A

Ⅴ.Product Assembly Steps

a. Keep 20 inches clear of obstructions before and after.
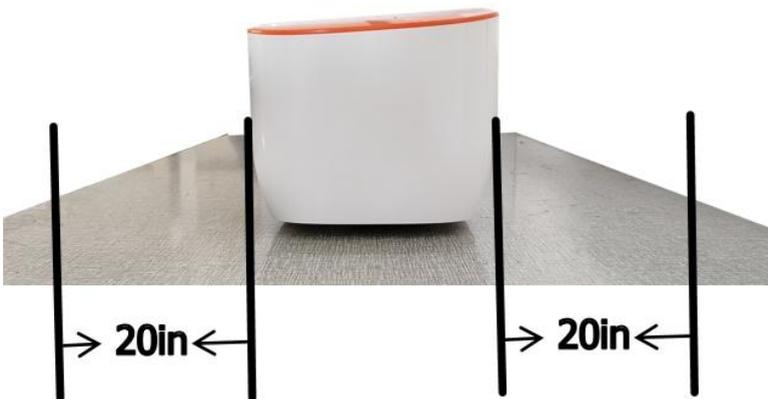
Open CLAMP L   Open CLAMP R
1.Open the Clamp as shown
by the arrow.

2.Place the Blade and housing in Clamp R.
Place the pen or the foil transfer and
housing in Clamp L.

Close CLAMP L   Close CLAMP R
3.Close the Clamp as shown
by the arrow.

Blade and housing   Foil Transfer and housing

Note: Never place the Blade and housing in Clamp L.

Warning:

Do not touch the blade tip with your fingers, as it can result in injury and blunting of the tip.

b: The USB cable is used to connect Smart1 to your computer.

c: Plug in the power supply.

Attention: Before powering on, check whether the voltage and current of the machine adapter match the location. Once confirmed, you can proceed to power on to avoid potential hazards.

d: Press the power-on button and wait for the machine to automatically reset.

After correct reset, the car is in the middle position of the machine
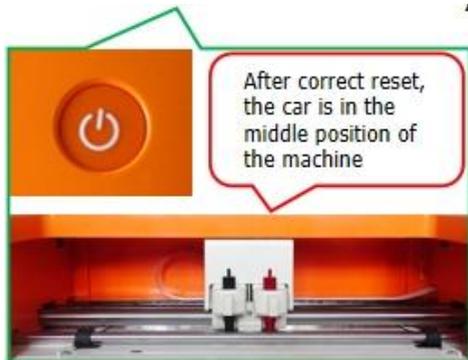
f: Align the cutting surface of the material to be cut upwards with the upper left corner of the cutting pad grid and paste it onto the cutting pad with a backing surface.
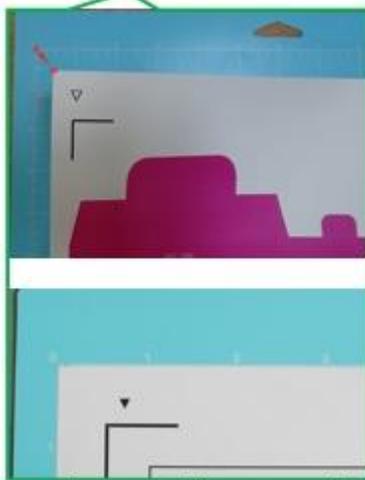
e: Remove the cutting pad and tear off the white oil paper protective film.

Remove oil paper or transparent film from the surface

g: place material on mat inside the grid , position matunderneath mat guides , and make sure the top edge of themat is slightly clamped by both rollers at the same time.
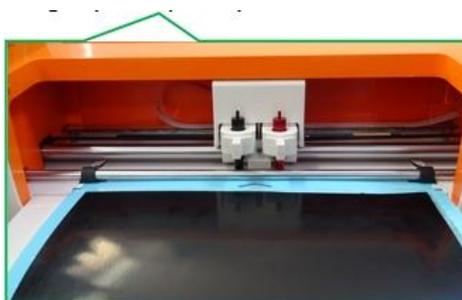
VI. Software Installation

1.Download the corresponding version of software installation through the link.
https://get.exact-cut.com/

2.Before installing the software, find the refrigerator sticker with the software **PSN code in the accessory box.**

3.Enter the given link in your browser to access the registration screen.

3.1 Click Register after entering your registration information

3.2 Proceed to your email address to verify your account.
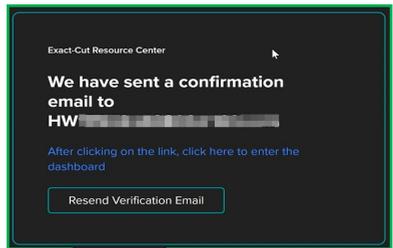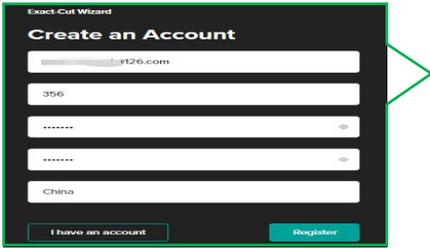
3.4 Please enter the PSN code found on the refrigerator sticker in the accessory box.

3.3 Click here to verify email
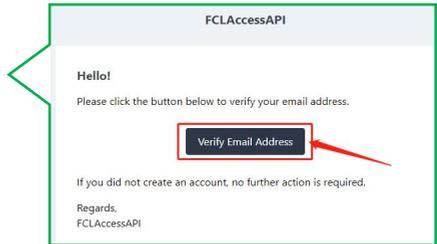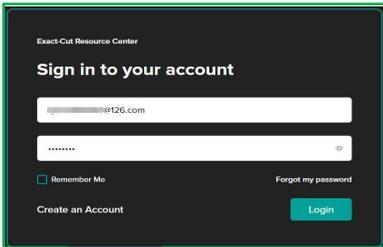
3.5 Download the appropriate software version based on your computer system.
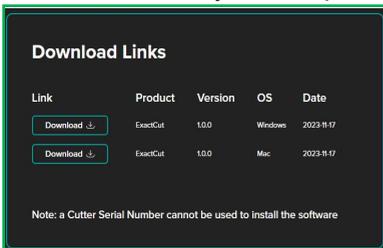
4.Double click the desktop installation package.

5.Install the program in order.

5.1 Agree and click "Next"
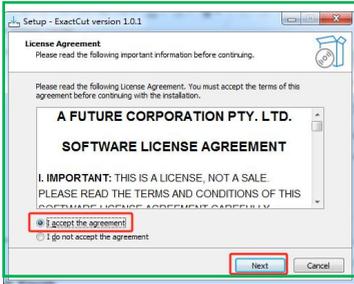
5.2 Click "Next"
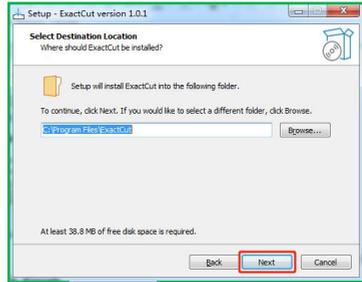
5.4 Click "Finish"
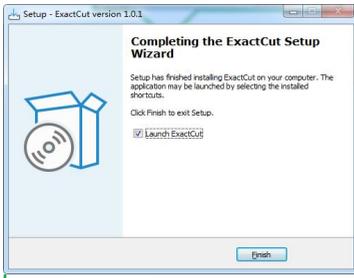
5.3 Click "Install."
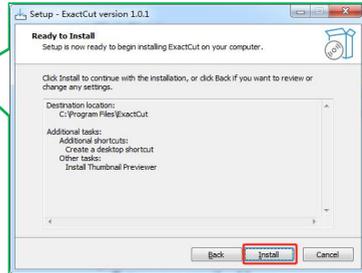
5.5 Enter your email address to log in to your account.
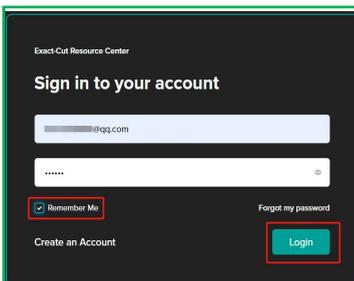
5.6 After successful login, close this dialog box.
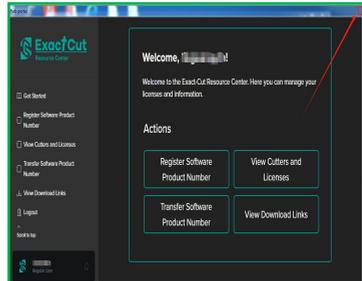
VII.Software Function Description

1. Main interface of the software
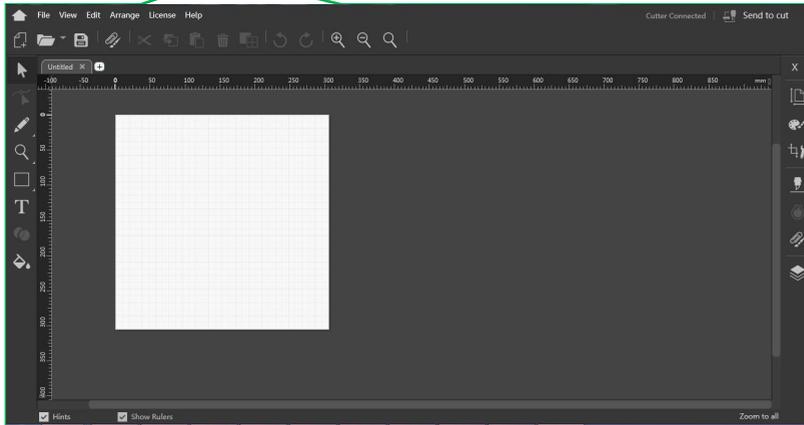
2. Module Description

a:Menu bar(Includes features such as File, View, Edit, Arrange, License, and Help.)
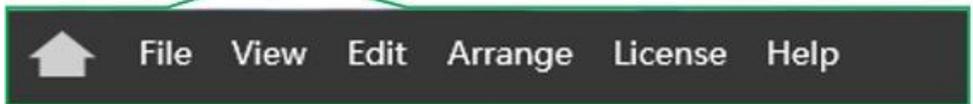
b:Common Options Toolbar (including File Create, Open and Save, File Import, Cut, Object Copy, Paste and Delete, Duplicate, Undo and Redo, Zoom In, Zoom Out and Zoom mode, and more.)

c: Left toolbar, including Object Mode, Node Edit, Free hand Sketch, Zoom mode, Create Square, Simple Text, Release Paths and Select this Color.

d:The right toolbar contains Pages Size, Colors, Size/Position, Device Settings, Contour, Clipart and Layers.

e:Canvas interface editing area
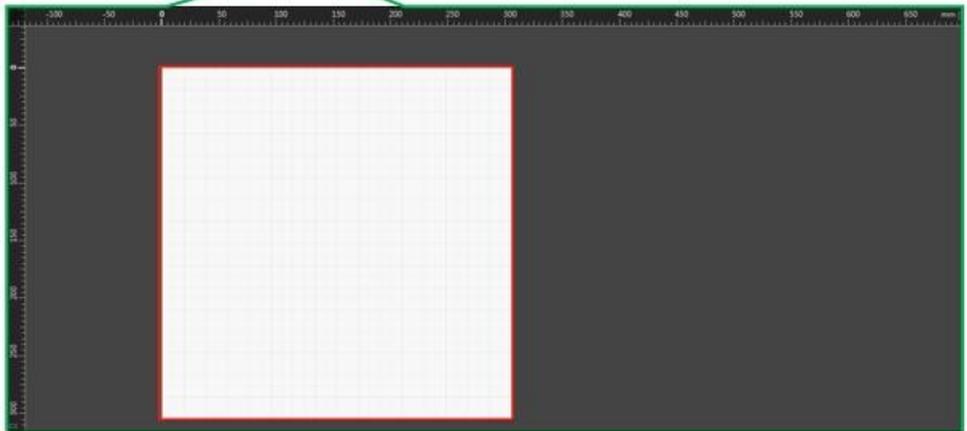
Ⅷ.Software Output Cutting

1.Normal Cutting Output

1.1 Plug in the cable that connects to the machine.

1.2 Check here if the machine is connected after opening the software.
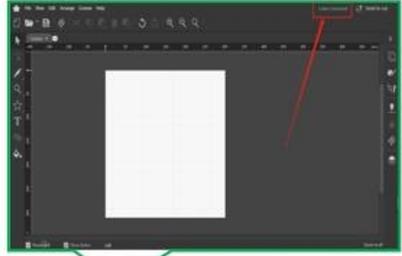
1.4 Selected shapes can be edited.
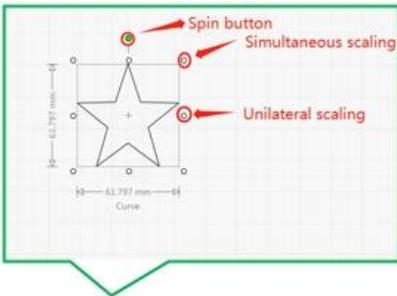
1.3 Design graphics can be created from the software toolbar or imported from a file (SVG, PNG and JPG formats are supported for import).

1.5 Setting the cutting mat
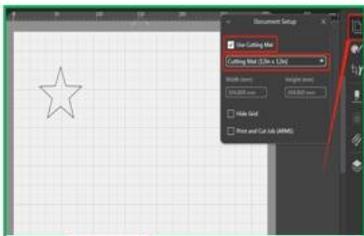
Tip Cutting mats must be used when working with soft rolls with adhesive backing or single-layer materials (when checking cutting mats, choose the appropriate size for the cutting mat used), while harder double-layer materials without cutting mats can be used without cutting mats. It is recommended that cutting mats be used for all materials!

1.6 Select CLAMP L or CLAMP R according to the settings in the figure below, the default is CLAMP R, which is the cutting tool clamp
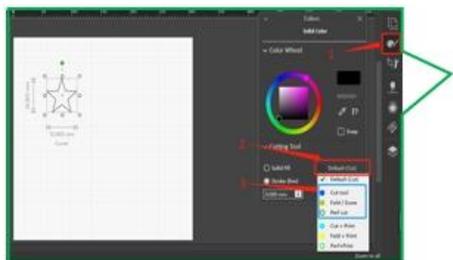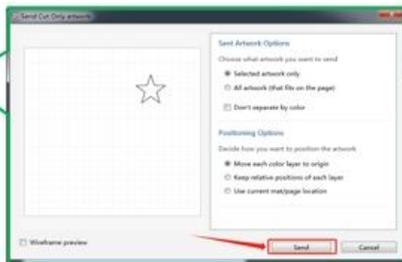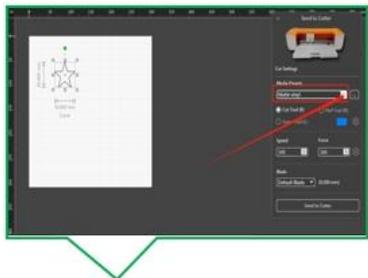
1.7 Click "Send to cut"
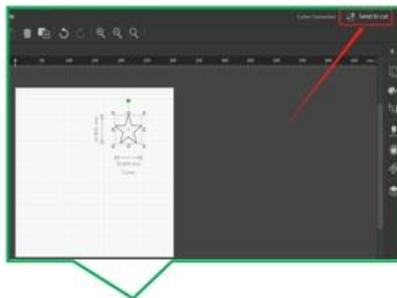
1.9 Move the graph in this screen to adjust the cutting position.
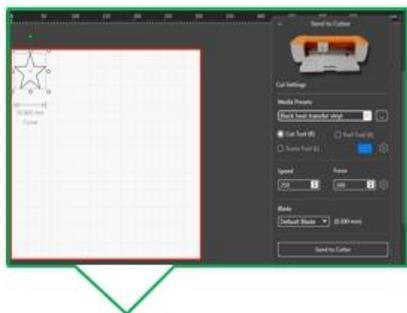
1.8 Click "Send"

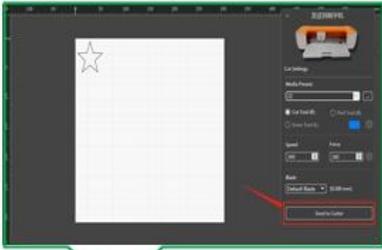1.10 Select the corresponding material from the material pool here.

Note: 1. If the material you are using is not in the material library, please click here to add the material.

Click on the red area to input the name of the material, click on the blue area to set the speed and pressure of the tool, click on the yellow area to accept, and the material addition process is complete.

16

1.11 Click here to send cuts

If the depth of the cut material is not satisfactory, you can adjust the knife pressure value. A higher knife pressure value will result in a greater cutting depth.

1.12 Place the material on the mat inside the grid, position the mat underneath the mat guides, and ensure that the top edge of the mat is gently secured by both rollers simultaneously.
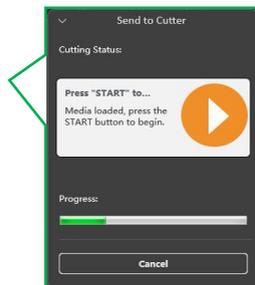
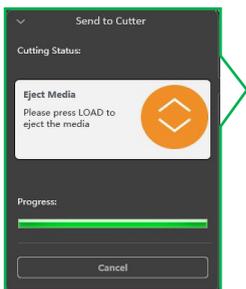1.13 Prompt to press the LOAD button.
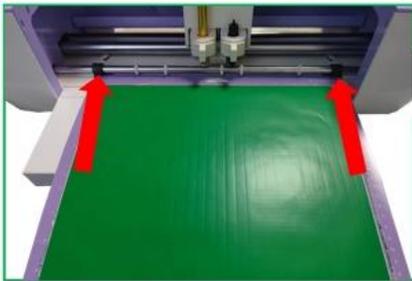
1.16 Press the start button on the machine.

1.15 Prompt to press the start button.

1.14 Press the LOAD button when the material is ready.

1.17 When processing is complete, the software will prompt you to press the LOAD button.

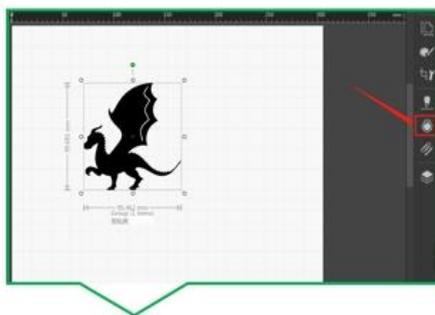1.18 Press the machine's LOAD/UNLOAD button.

1.19 Cutting Completion.
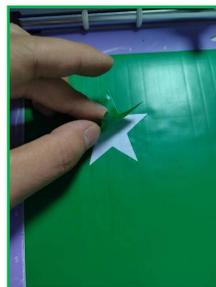
2.Contour Output Cutting

2.1 Design graphics can be created from the software toolbar or imported from a file (SVG, PNG and JPG formats are supported for import).
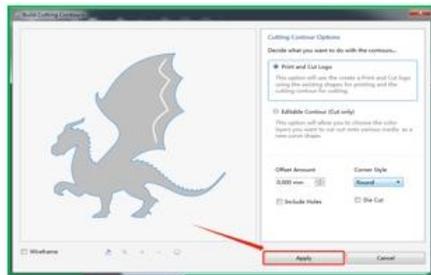
2.2 Select the drawing and click on the right side to create an outline.
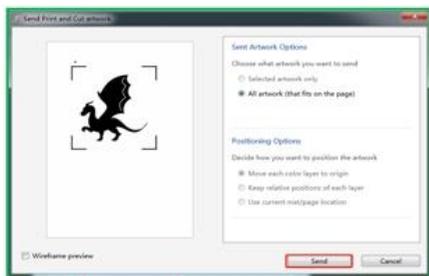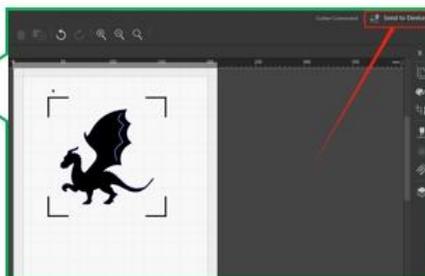

2.3 Click "Apply" .

Note: If you need to cut certain parts inside the graphic, you should enable the "skeleton" checkbox here.
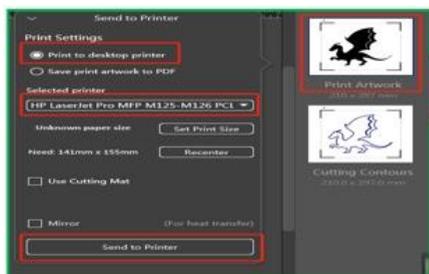

2.5 Click "Send"

2.4 Click "Send to Device"

2.6 Click on the graphic in the red box on the right and select a printer to print the designed graphic.

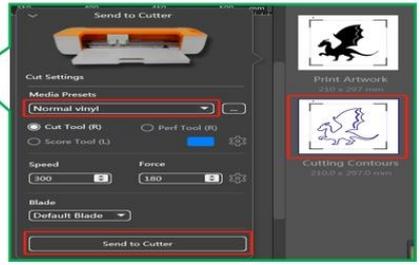2.7 Attach the printed graphic to the cutting mat placement machine.

2.9 Follow the software instructions to locate this button on the machine.

2.8 Click on the graphic in the red box on the right to select the cutting outline.

2.10 First, place the pad with the adhered material on the edge of the press wheel according to the diagram below.

2.11 Press the LOAD button when the material is ready.

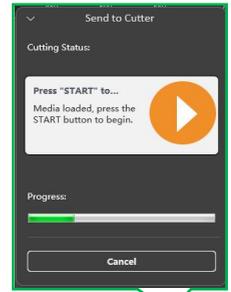2.12 Prompt to press the start button.
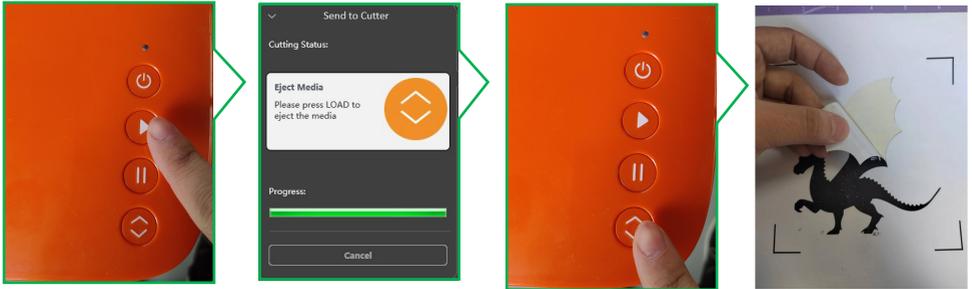
2.16 Contour cutting completed.

2.15 Press the machine's LOAD/UNLOAD button.

2.14 When processing is complete, the software will prompt you to press the LOAD button.

2.13 Press the start button on the machine.

Ⅸ.APP Installation and Use

To pair your machine with mobile devices featuring Bluetooth wireless technology, ensure that Smart1 is turned on and within a distance of no more than 15 feet.
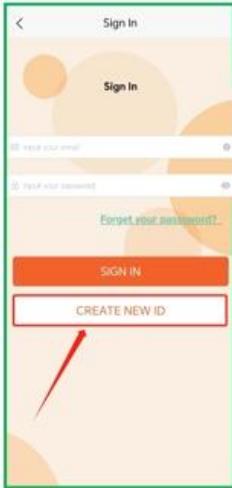
1. Software Download
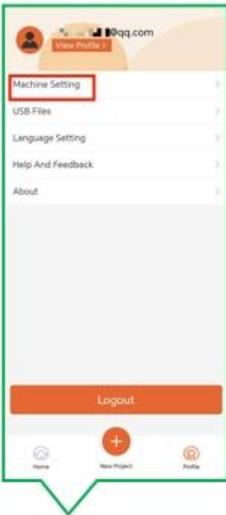You can download the APP software by following the link below.
http://api.cutterplotter.cn/index/d
2. Open the app and register for an account, then log in.

2.1 Create new account.   2.2 Fill in the corresponding information in order.   2.3 Enter your account number and click "SIGN IN".
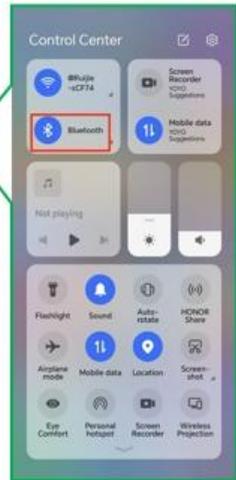
2.6 Click "Machine Setting"

2.5 Navigate to the home page and click "Profile"
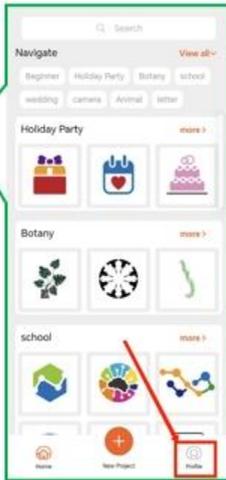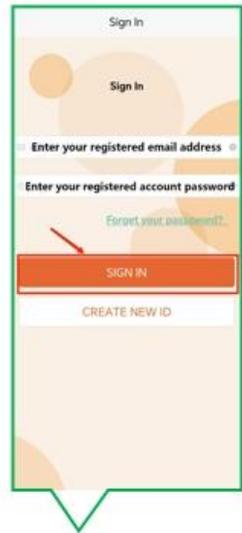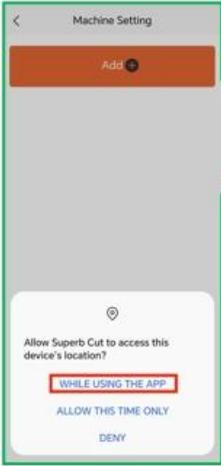
2.4 Turn on system's Bluetooth

2.7 Allow location access when using.

2.8 Click "Add"
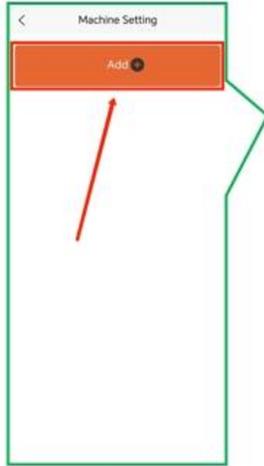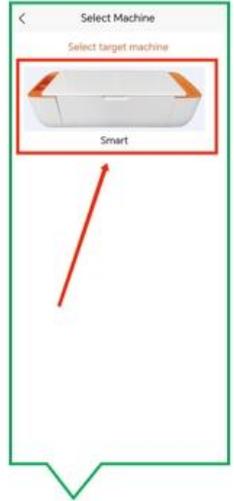
2.9 Click on the Smart cutter icon.

2.12 Connection successful, click back.

2.11 Select the device with the name for connection.
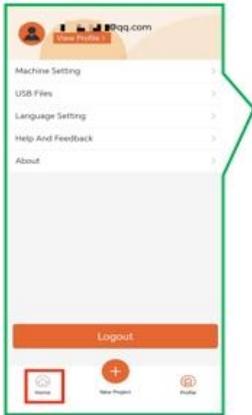
2.10 Click "Pair Devices"

2.13 Click "Home"

2.14 Select a graphic from the gallery list.
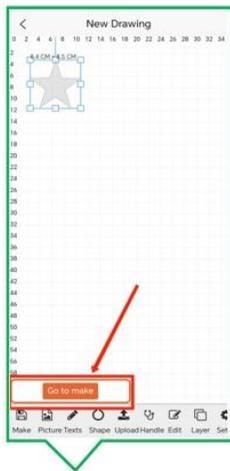
2.15 Click to create.
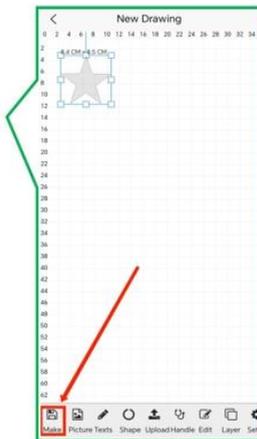
2.18 Click to create.
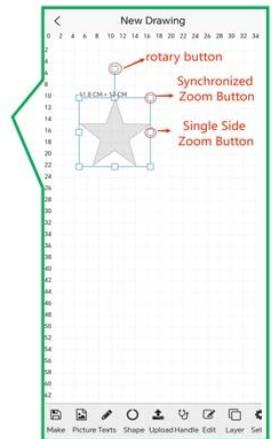
2.17 Confirm editing and tap Make.
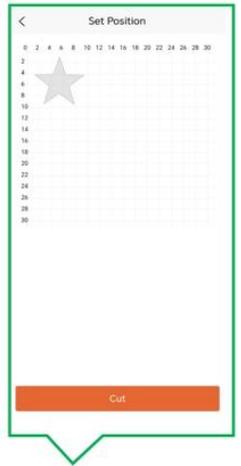
2.16 Graphics can be edited in the canvas.

2.19 Select the cutting mat and click next "Next".

2.20 Select materials and click "Next".

2.21 Move the graphic on this screen to adjust the cutting position.

Select Machine	Select Material	Set Position

Has Mat?

no mat

under (30.48cm X 30.48cm) matSuitable for any mat

under (30.48cm X 60.98cm) matSuitable for any mat

Click the target machine:

Smart_4F1E
Connected

Next

Add Machine

Edit

Normal vinyl

Black heat transfer film

Flash heat trasfer vinyl

Laser heat trasfer vinyl

Coloured heat transfer vinyl

Pearlescent vinyl

Next

Cut

2.23 First, place the pad with the adhered material on the edge of the press wheel according to the diagram below.

2.22 Please press the feed key.

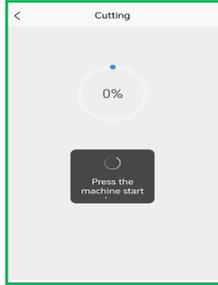| Set Position |
| --- |

Please press the feed key

Cut
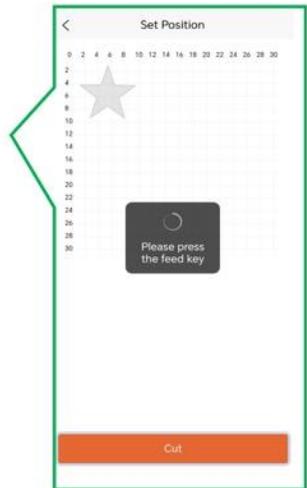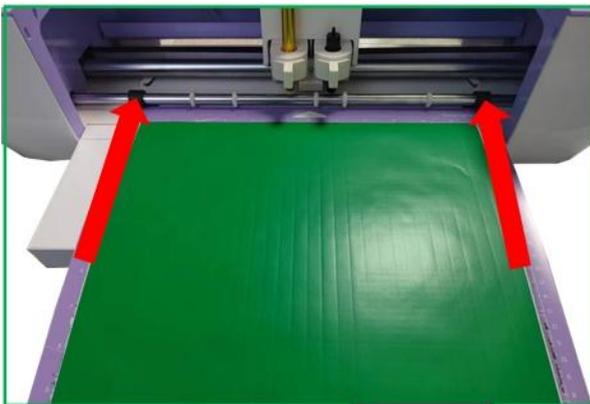
2.24 Press the LOAD button when the material is ready.

2.25 Press the machine's start button.

2.26 Press the start button on the machine.

2.29 Cutting Completion.

2.28 Press the machine's LOAD/UNLOAD button.

2.27　When processing is complete, the software prompts you to press the eject button.
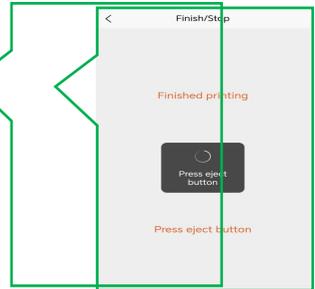
Ⅹ.**Frequently Asked Questions**

Q：What if the software shuts down during the cutting process and the software gets stuck?

A：Click "Force Abort" in the software.
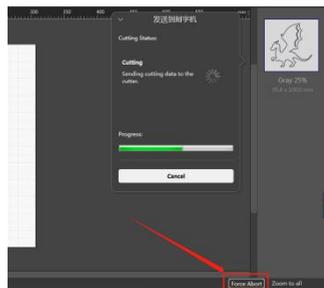
Q: The default knife pressure in the material library has been used for cutting for a while. How can it no longer cut through the material?

A: It's time to replace the blade, the tip is dull and not sharp enough.

Q:What should I do if there is deviation in contour cutting?

A:Follow the steps below to perform automatic calibration.
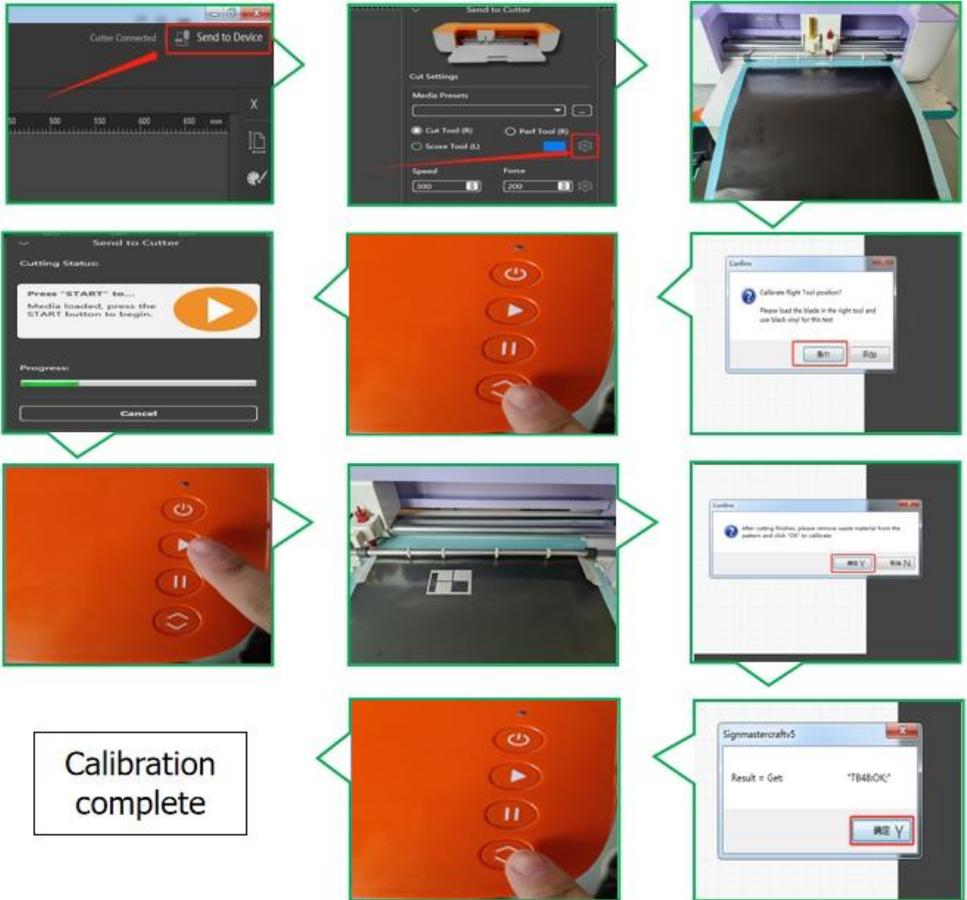
Q:How do I switch the language of the software?

A:Follow the instructions below to switch languages.
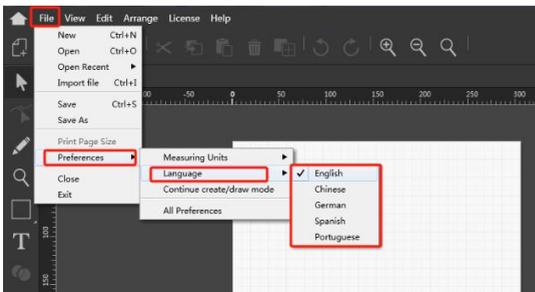
Q:How to change the measuring units?

A:Please follow the steps below to switch between units.
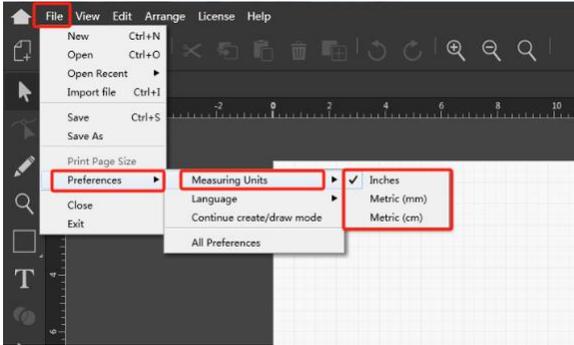
Q: How to cut in layers in APP?

A:Please follow the steps below.

Q:How to switch left and right knives in APP?

A:Set up as follows.

Q:What if I don't have the material I want to cut in the APP's material library?

A: You can go to the Material Library page to add materials and set pressure.
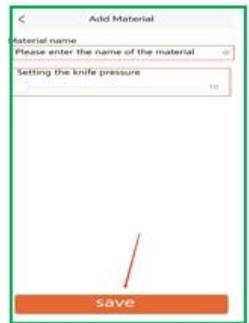
Q: How do I adjust the pressure to increase or decrease?

A: You can set it up in the following ways.

Q: Why doesn't it recognize the USB flash disk?

A: The format of your USB flash disk may not be supported.

Support format : FAT and FAT32

Unsupported format: NTFS and exFAT

FCC Information

CAUTION: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment!

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1) This product may cause harmful interference.

2)This product must accept any interference received, including interference that may cause undesired operation.

WARNING: Changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the product.

Note: This product has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This product generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this product does cause harmful interference to radio or television reception, which can be determined by turning the product off and on, the user is encouraged to try to correct the interference by one or more of the following measures.

· Reorient or relocate the receiving antenna.

· Increase the distance between the product and the receiver.

· Connect the product to an outlet on a circuit different from that to which the receiver is connected.

· Consult the dealer or an experienced radio/TV technician for assistance.

CORRECT DISPOSAL

This product is subject to the provision of European Directive 2012/19/EC. The symbol showing a wheelie bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as such may not be discarded with normal domestic waste, but must be taken to a collection point for recycling electrical and electronic devices.

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