

VEVOR

Affordable. Reliable. Home Improvement.

DESKTOP VINYL CUTTER

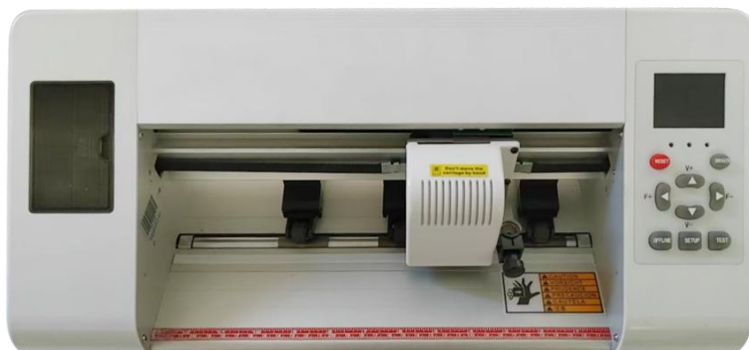
MODEL:TT-450

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MODEL:TT-450



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.

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I .Precautions

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. Please do not touch the power cord with wet hands to avoid electric shock.
5. Please only use the power cord, data cable provided with this product, or manufacturer-approved replacements.
6. Please do not drop metal objects and liquids into the machine to avoid malfunction.
7. 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.
8. In thunderstorms, turn the power switch to OFF and unplug the power cord.
9. Please do not privately change the manufacturer's components.
10. Manufacturer reserves the right to change product specifications without prior notice.
11. 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.
12. Without our company's permit, no part of this manual can be copied or transmitted in any name.
13. Please use the adapter provided with this product. Do not use any other adapters. Using it with an incorrect voltage adapter may cause electric shock, fire hazards or damage to the machine.

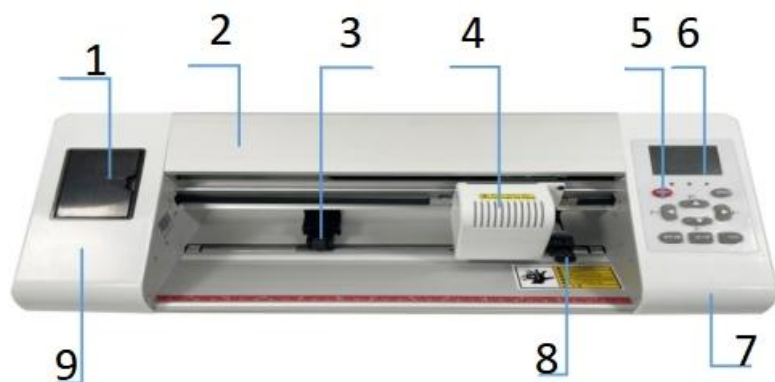


14. CORRECT DISPOSAL

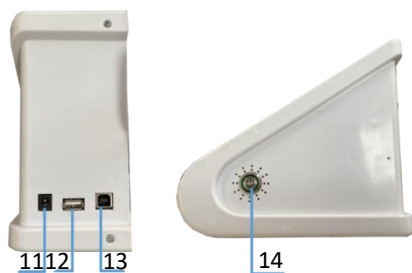
This product is subject to the provision of European Directive 2012/19/EU. The symbol showing a wheeled bin crossed through indicates that the product requires separate refuse collection in the European Union. This applies to the product and all accessories marked with this symbol. Products marked as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

15. FCC: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

II. Introduction for main parts



1.Toolbox	2. Cover for rail guide
3. Pinch roller kit	4. Carriage
5. Reset switch	6. 2.4 Color Screen
7. The right cover	8. Engraving knife holder
9. The left cover	



11.Power connection
12.U-disk port
13.USB port
14.The power switch

Left side

III. Technical parameters

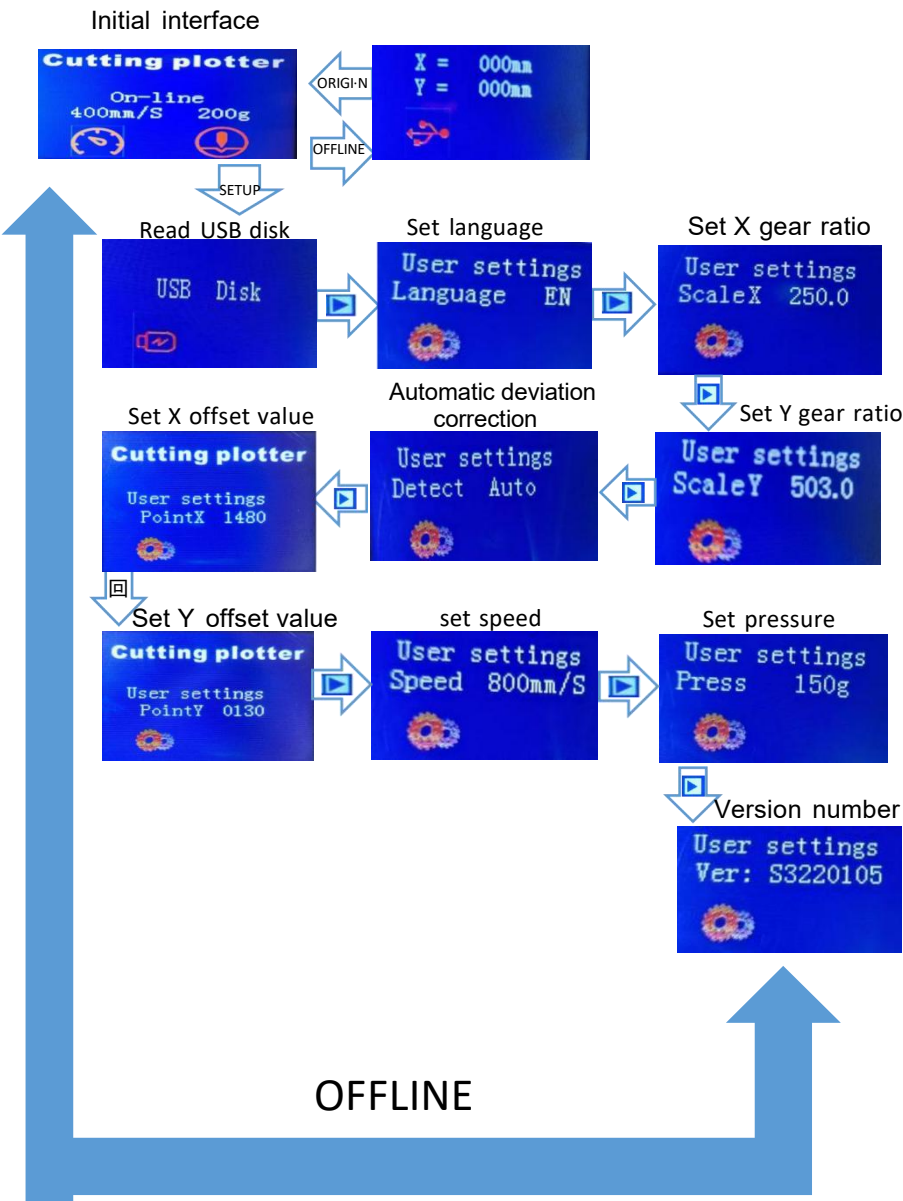
Item \ Model	TT-450
Max. feeding width	17inch (450mm)
Max. cutting width	13inch (330mm)
Cutting thickness	≤1mm
Speed/Pressure	20-400mm/s 20-500g
Buffer	16M
LCD display	CN/EN
Real-time Speed adjusting	Support
Interface	USB+U-DISK
Re-cutting function	Support
Re-cutting accuracy	±0.1mm
Resolution Ratio	0.0245mm/step
Language format	HPGL
Adapter	DC 24V 2A (Via 100-240V~ 50/60Hz 48W adapter)

Accessory box

	Item	Quantity	Unit
1	Cutting plotter	1	Set
2	Power supply cable	1	Pc
3	Blade	1	Box
4	Blade holder	1	Pc
5	Pen holder	1	Pc
6	Ball pen core	1	Pc
7	USB cable	1	Pc
8	USB driver	1	Pc

To protect the machine, use only the accessories in this accessory box

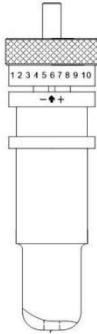
IV .Control buttons description and operation instructions



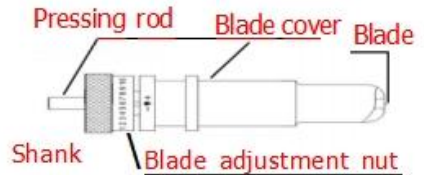
VI. Blade assembly

1. Assembly the blade into holder, see as below:

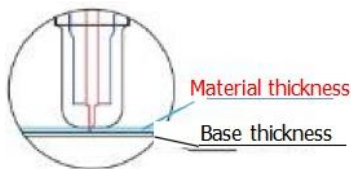
(Appearance view)



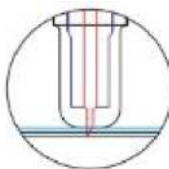
(Exploded view)



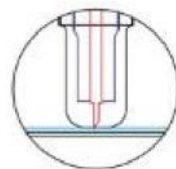
2. Loosen the blade adjustment nut and rotate the shank to adjust the length of the exposed blade tip. Determine the tip length according to the thickness of the material.



Correct



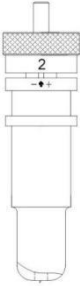
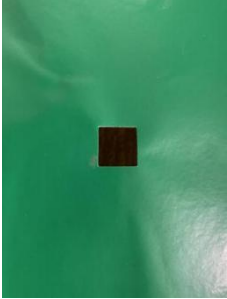
Blade tip is too long



Blade tip is too short

3. Let's take vinyl as an example When the knife seat is installed for the first time, how to adjust the knife pressure of the machine and the knife seat so as to achieve the best cutting results

1). Rotate the tip of the knife to the 2nd gear position (Pic 1), the machine knife pressure is set to Between 20-200 grams (Pic 2), press the TEXT of the machine to test, the cutting effect is as follows (Pic 3)

		
(Pic 1)	(Pic 2)	(Pic 3)

2). The vinyl is Cutting through, set the knife pressure of the machine to 150 g (Pic 4) ,The effect of cutting is as follows (Pic 5)

	
(Pic 4)	(Pic 5)

3). When the machine presses TEXT, it cuts a perfect square (Figure 5 above), so you can start engraving a large area.



4. The adjustable knife seat is divided into 10 gears, the length of the knife tip extends 0.065 mm for each gear, and the approximate range of materials to be cut is shown in the table below:

Gear level	Blade length	Pressure value range	Cuttable materials
1-3 gears	0-0.195mm	20-250g	Plain vinyl, stickers, car decals, heat transfer film types
4-6 gears	0.26-0.39mm	250-350g	Cardstock, business cards, metallic sticker materials types
7-10 gears	0.455-0.65mm	350-500g	PVC transparencies type rigid material types

5. Press the pressing rod when you want to change blade. Take out the blade when it is exposed.

2) Assembly the blade holder into wagon:

- Loosen the fixed screw on tool holder
- Put the blade holder into tool holder
- Tighten and fix the blade holder when it arrives to correct position



Tips:

Do not touch the blade tip by finger, otherwise, your finger will be injured and the tip will be blunt.

VII. Software and driver installation

1. Open the software box (pic 1), take the disk and put it into CD optical drive (pic 2)

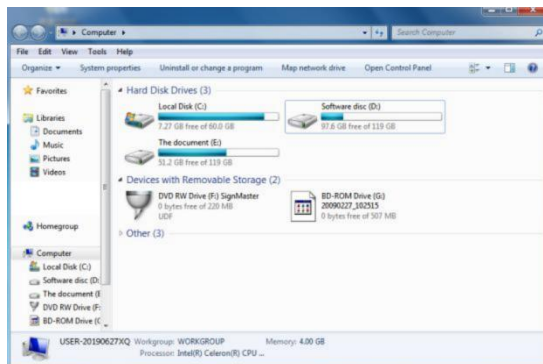


(pic 1)



(pic 2)

2. Open the computer, double click or right click optical drive to install the software.
(pic 3)



(pic 3)

3.You can also download the installation package through the link below
<http://signmaster.software>
After entering the webpage, click to download



Find the randomly assigned software code and enter it into the red box below



Open the software package to see the PSN code of the software

Click to download the software

4. After opening optical drive, click Install Software (pic 4)

Click on the icon in the red box



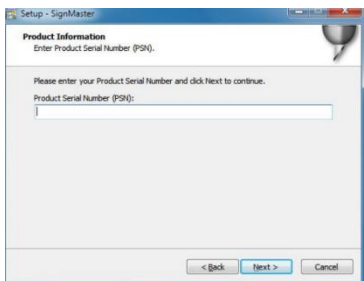
(pic 4-1)

Select the language



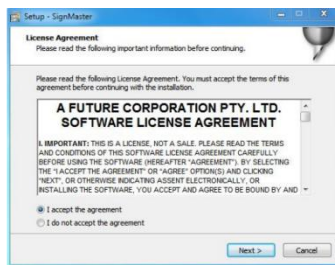
(pic 4-2)

Enter the PSN code



(pic 4-4)

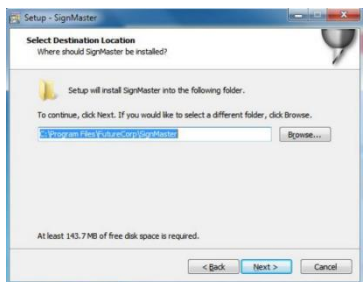
Agree to click next



(pic 4-3)

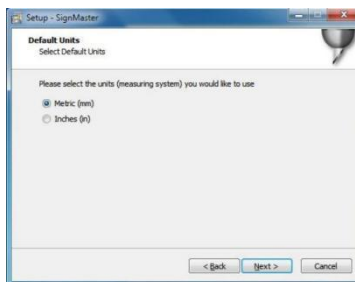


Default installation path, click next



(pic 4-5)

Select the unit



(pic 4-6)



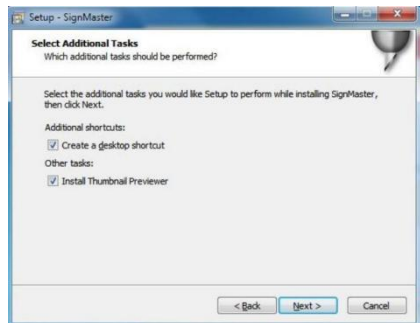
Select machine model



(pic 4-7)

The selected machine model can be viewed in the label above the machine power socket

Next



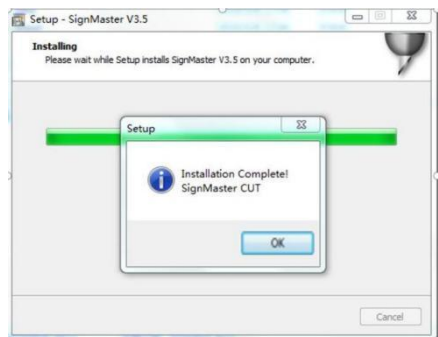
(pic 4-8)

The installation is complete

This activation window appears when you open the software



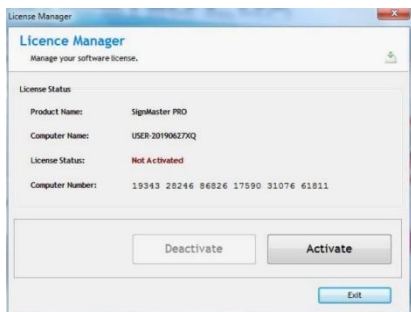
(pic 4-10)



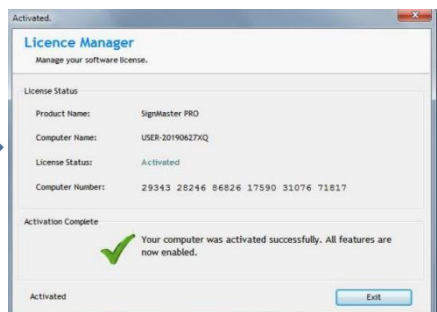
(pic 4-9)

Click activate and enter your email twice

Activation successful, exit



(pic 4-11)

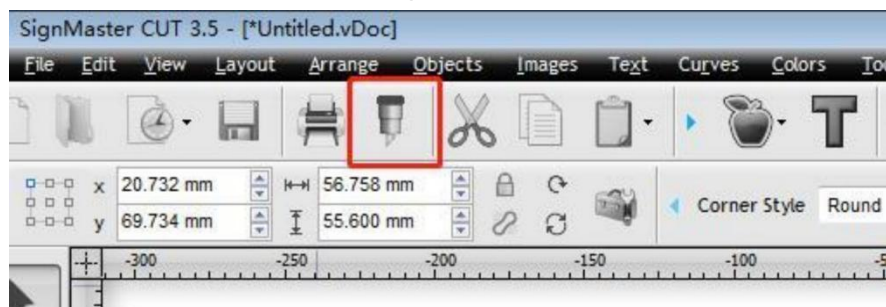


(pic 4-12)

VIII. Connection of software and machine

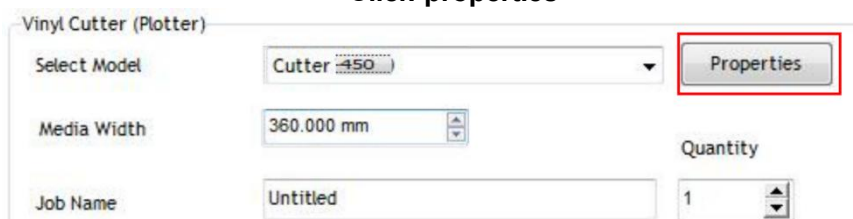
1. Open the software, select cut content, and click send to the cutting plotter

Click the carving knife icon in the red box



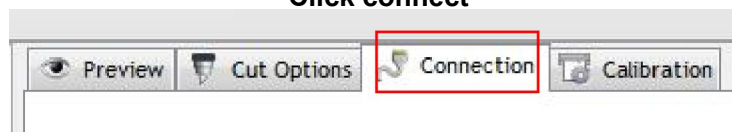
(pic 5-1)

Click properties



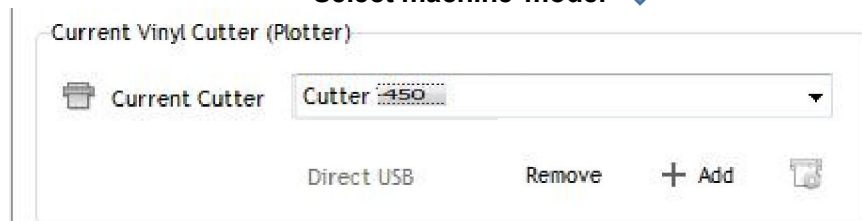
(pic 5-2)

Click connect



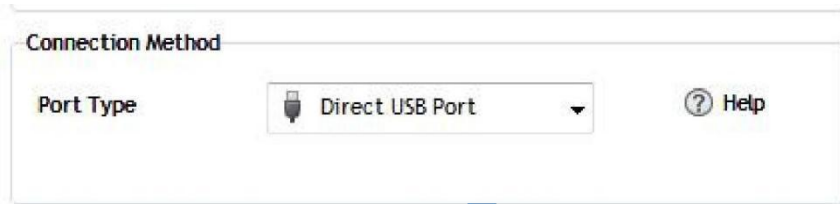
(pic 5-3)

Select machine model



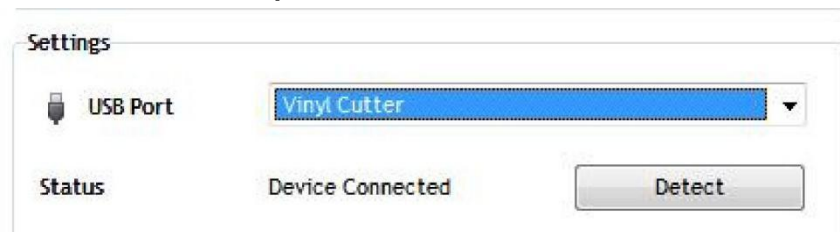
(pic 5-4)

Select Direct USB Port



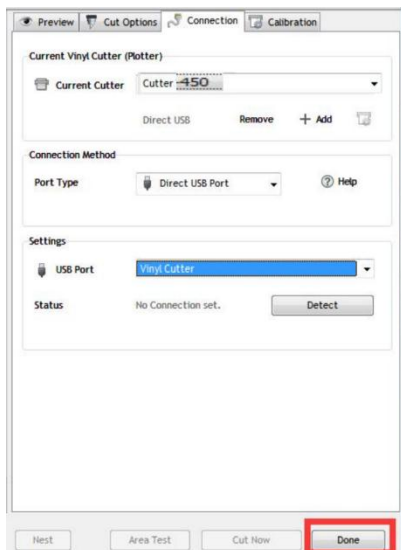
(pic 5-5)

Drop-down select driver



(pic 5-6)

Click finish



(pic 5-7)

Click cut now



(pic 5-8)

Click cut now



(pic 5-9)



The output is completed, and the cutting plotter is cutting



(pic 5-10)

Manufacturer: Shanghaimuxinmuyeyouxiangongsi

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Mainzer Landstr.69, 60329 Frankfurt am Main.

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