

# User Manual

## Accessories list

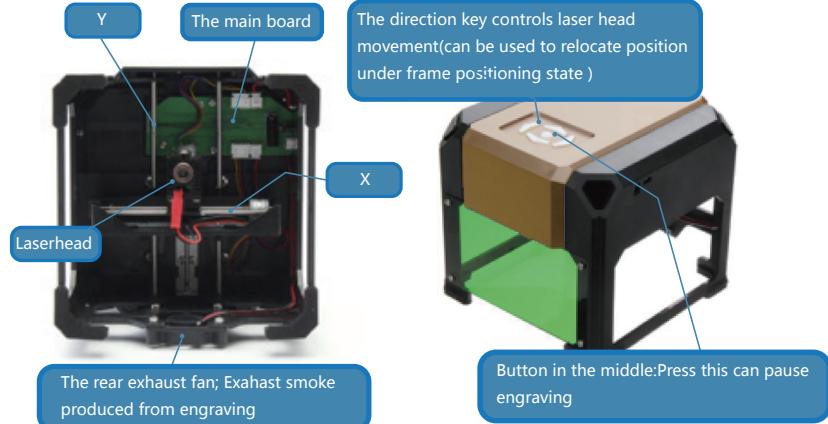
### Product size

Product Size	15. 5*16. 6*14. 3CM
Size After Packing	26*22. 7*19. 2CM
Product Weight	0. 56KG
Weight After Packing	1. 36KG
Shell Material	ABS
Engraving Area	80*80MM
Product Accessory	U disk, engraving material, laser guard board, data line, screw, instructions



- 1.Instructions on the use of engraving machine
- 2.The laser shiled can block some of the laser light and protect the eyes.
- 3.The screw guard is used to install the laser shield on the machine
- 4.Usb-stick has drive software and control software, picture package installed inside
- 5.The screw driver can install the laser shield on the machine
- 6.Engraving machine can be used for the engraving test
- 7.Power is plugged into the socket to charge the engraving machine
- 8.Data line is used to connect machine with computer

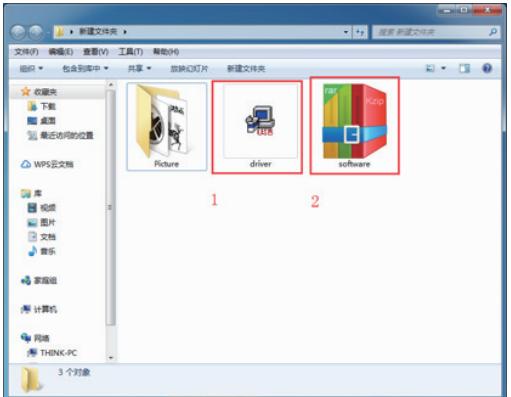
## General instructions



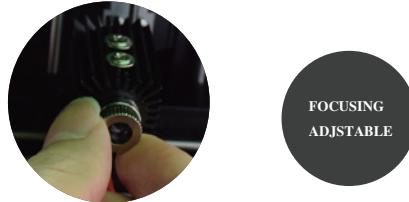
## Quick use



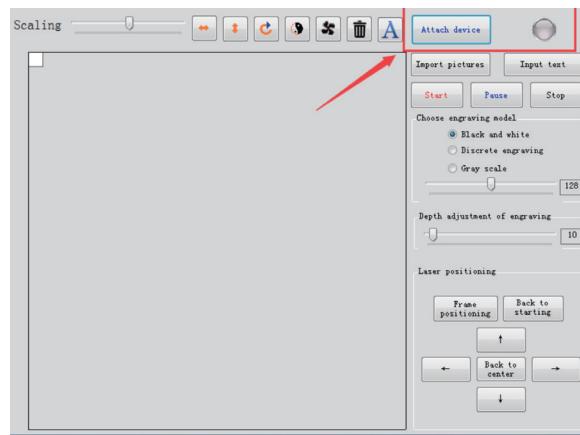
( 1 ) Use the power cable to connect machine with computer,use power cable to connect it with plug.



( 3 ) Adjust focus of laserhead(light spot should be adjusted to the maximum size,for engraving can not be completed if light spot is not small enough)



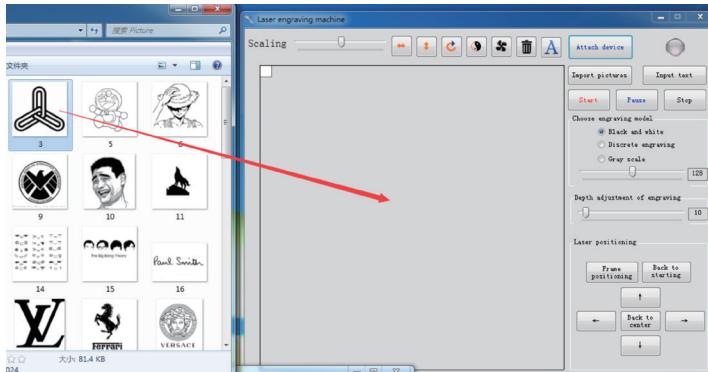
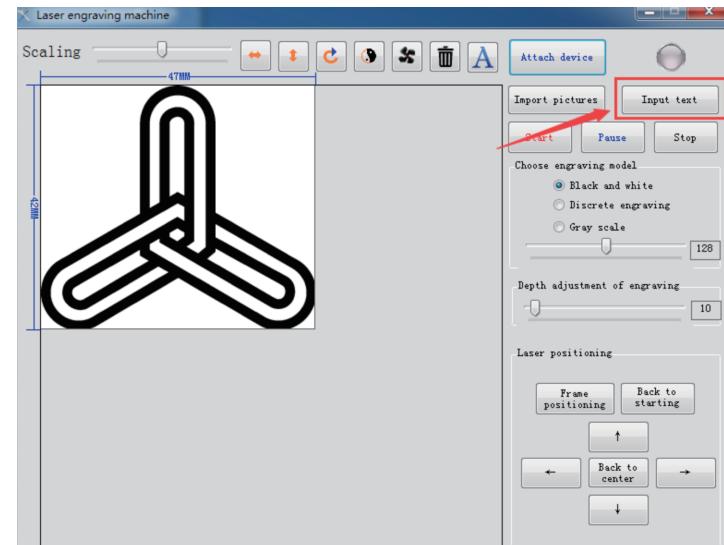
( 4 ) Open picture file in usb stick,choose a picture and drag it onto software platform. Connect machine with software and click connection button , when indication light turns green it means connection is completed(if not,check if connection cord has been properly connected, or driver has been installed)



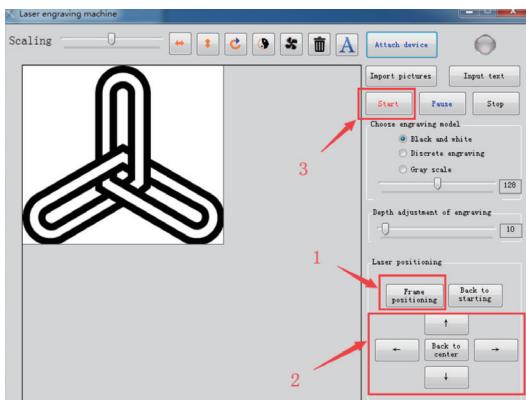
## Advanced level of use

### How to enter text

( 1 ) Click here to enter text

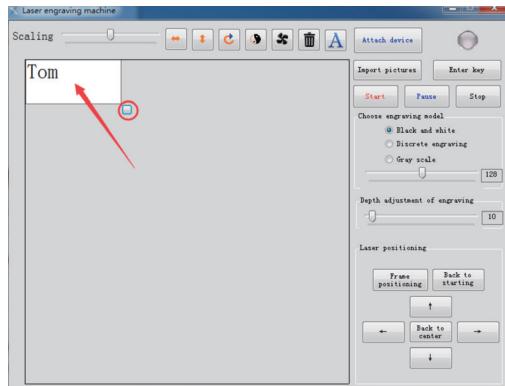


( 5 ) First observe if picture is placed properly ,then use direction key to adjust picture position(or just drag the picture) and then start engraving

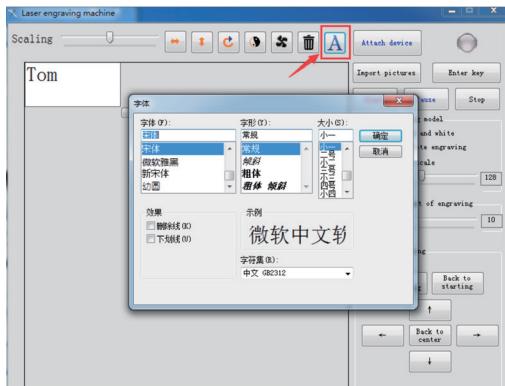


( 6 ) Wait for engraving to finish

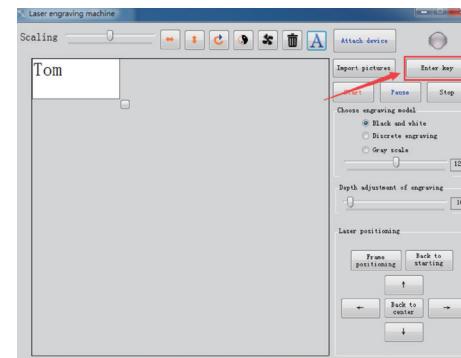
( 2 ) When a white input box appears , you can enter text, drag the white box to move the text position, or drag the box in the lower right corner to enlarge the text input box.



( 3 ) If you want to adjust words size,click the capital sign

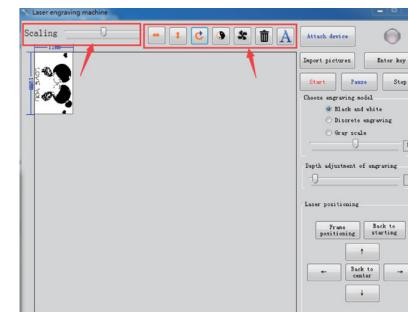


( 4 ) Click "Enter key" to finish entering text.



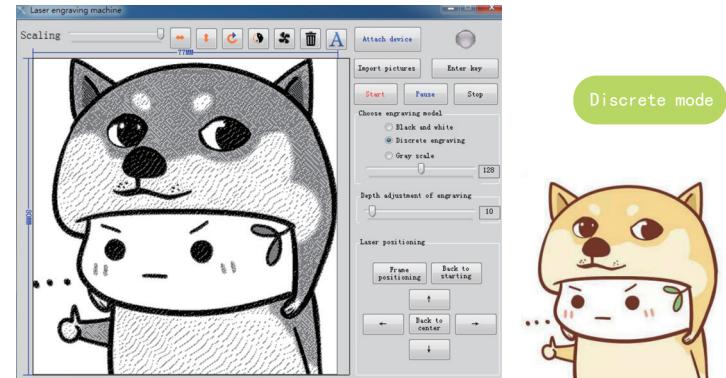
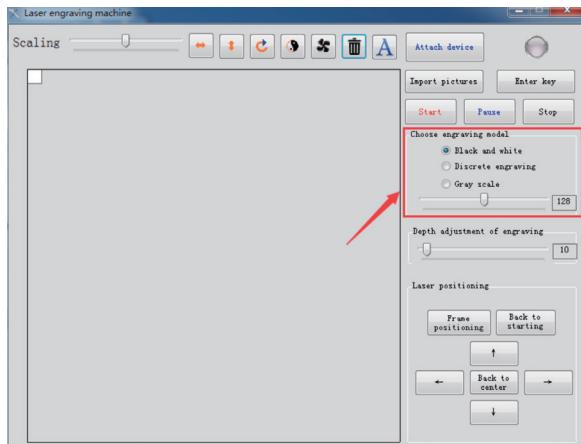
## How to edit pictures

On the top left bar there is the scroll bar,use it can magnify and narrow the picture.above the toolbar there are picture-editing buttons, press which you can flip the pictures leftward and rightward,upward and downward,rotate the pictures 90 degrees clockwise or reverse black and white,start or turn off the fan,clear pictures.

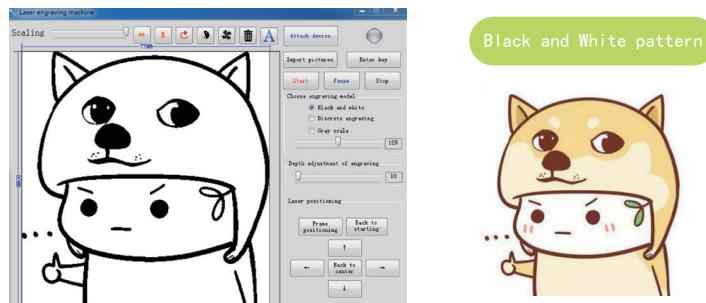


## How to use effect adjustment on pictures

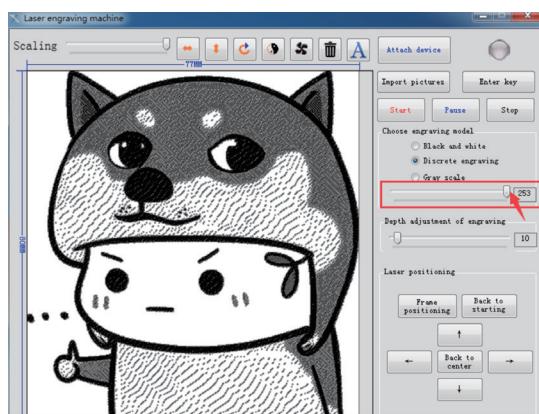
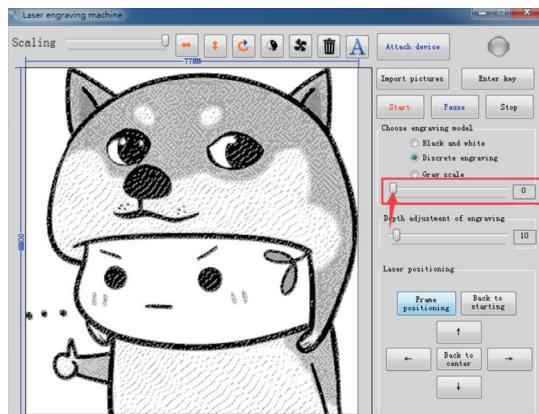
( 1 ) There are 3 kinds of effects, black and white,discrete model,gray model.



( 2 ) A colored picture under 3 different models looks like below:

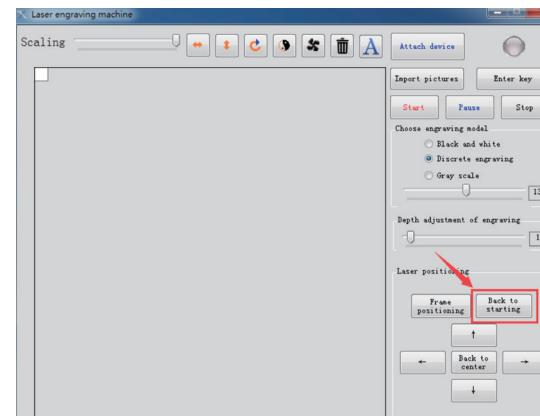


( 3 ) Under every model there is a slider,which can adjust the light degree (take discrete model as an example)



## Notice

- Sometimes the engraving machine will stop working due to electricity cut-off or other personal causes,you should reconnect the machine,click "Back to starting" to get back and adjust the original point,if otherwise,software position might be dislocated from carving position.



- Engraving machine has a limited ability of editing pictures,if you are critical,please use other drawing softwares to edit pictures first, and then engrave them by using our software.
- Laserhead has a life limit,please don't use it over time in case it might get too hot,it is suggested to control engraving time under half an hour
- Laser is harmful to eyes,please don't look at it straight.

