



FOREVER MOBILE Cutting Plotter Instruction Manual

[Home](#) » [FOREVER MOBILE](#) » FOREVER MOBILE Cutting Plotter Instruction Manual 



Contents

- [1 Cutting Plotter](#)
- [2 Cautions regarding use](#)
- [3 Accessories and machine parameters](#)
- [4 Machine product schematic](#)
- [5 Basic operation of the machine](#)
- [6 Software operation](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)

Cutting Plotter

Index: GSM167335

Set contains: Cutting plotter, power supply, manual

Producer/Producent: TelForceOne S.A.


Krakowska 119, 50-428 Wrocław, Poland

Designed by Forever in EU, Produced in PRC





Cautions regarding use

To ensure proper use of our cutting machine, follow the instructions given below.

A: Safe use

Warning 	Incorrect use may lead to injury to personnel. Incorrect operation can lead to damage to the machine.
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B: Description of signs and symbols

	The symbol indicates that users should pay close attention to this. The triangle pattern indicates a condition to which you should pay attention. The left figure shows “watch out for electric shock”
	The symbol indicates a prohibited action. The left figure shows “Do not disassemble”
	Do not use a power supply that does not match the rated voltage. Using an unlawful adapter may result in fire or electric shock.
	<ol style="list-style-type: none"> 1. It is forbidden to use a power supply that does not meet the rated voltage. Using a power supply that does not meet the requirements may result in fire or electric shock. 2. If the machine emits smoke, emits odor, noise or other abnormal conditions, please do not use it. Under such conditions, it may cause fire or electric shock. 3. It is forbidden to infiltrate liquid into the machine, and it may fall into metal objects, etc. These objects may cause shortcircuit fire. 4. It is forbidden to touch the tip of the knife with your fingers. The sharper tip may cause finger injury. 5. It is forbidden to destroy or replace the original power cord at will, and it is forbidden to excessively bend, pull, bind and press under the weight of the power cable. The power cord may be damaged, resulting in electric shock or fire. 6. If the cutting machine is not used for a long time, please unplug the power cord from the socket. Doing so may cause a fire. 7. When not in operation, keep your hands on the capstan and may cause injury.

Accessories and machine parameters

A: Kit contents

1. One cutting machine
2. One knife holder set (including mounted blade inside)
3. One power supply
4. One power cable
5. One machine shortened manual

Others included:

- 1 sticking pad;
- 1 cutting pad;
- 2 squeegees for sticking;
- 20 cleaning cloths; several test sheets.

B: Machine parameters

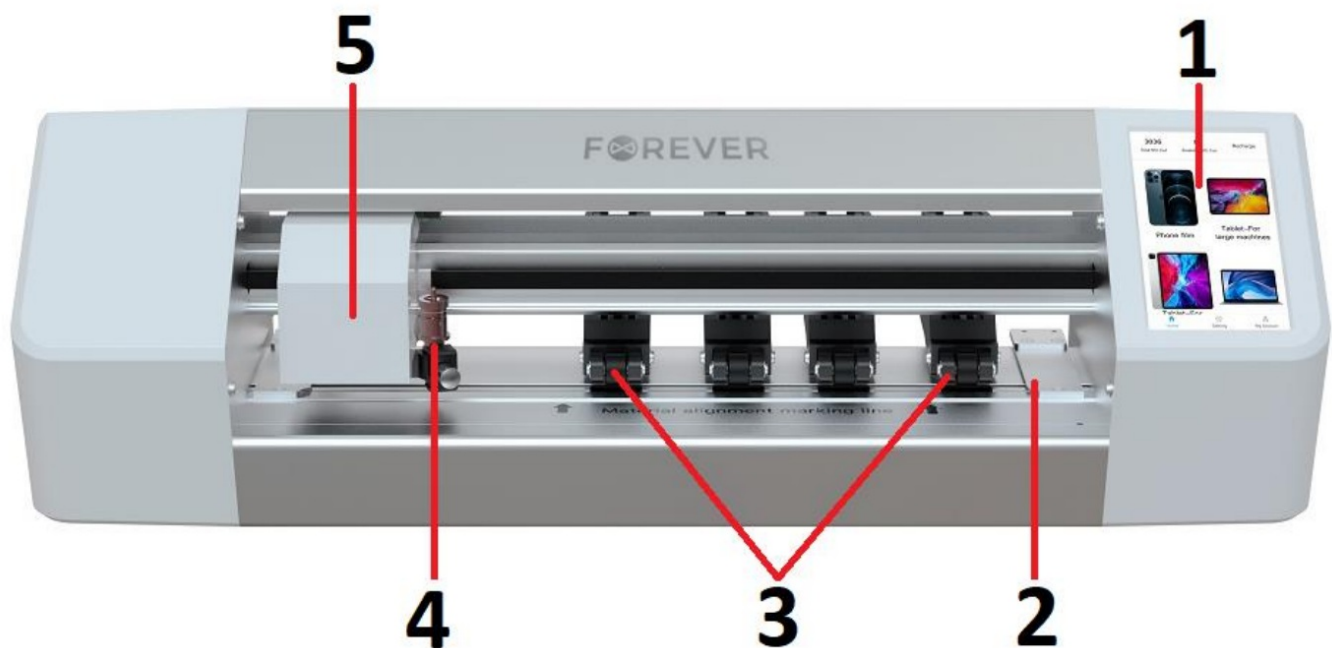
1. The maximum width of the film sheet: 290mm
2. Maximum depth of film sheet: 500mm
3. Cutting precision: $\pm 0.1\text{mm}$
4. Repeated cutting precision: $\pm 0.1\text{mm}$

5. Cutting speed (4 steps) 300-500mm / S
6. Cutting force (5 degrees) 30-90 (Appropriate pressure 150-450g)
7. Data transmission mode: built in application; WIFI transmission
8. Input voltage: 100-240 V ~ 50-60 Hz 0,5 A
9. Output voltage power supply: 24V 2,7A (64,8W)
10. Working temperature: 5 ° 45 °
11. Machine weight: 9kg
12. Machine dimensions: 600 * 170 * 180mm

Machine product schematic

Machine's schematic diagram and description functions of each part

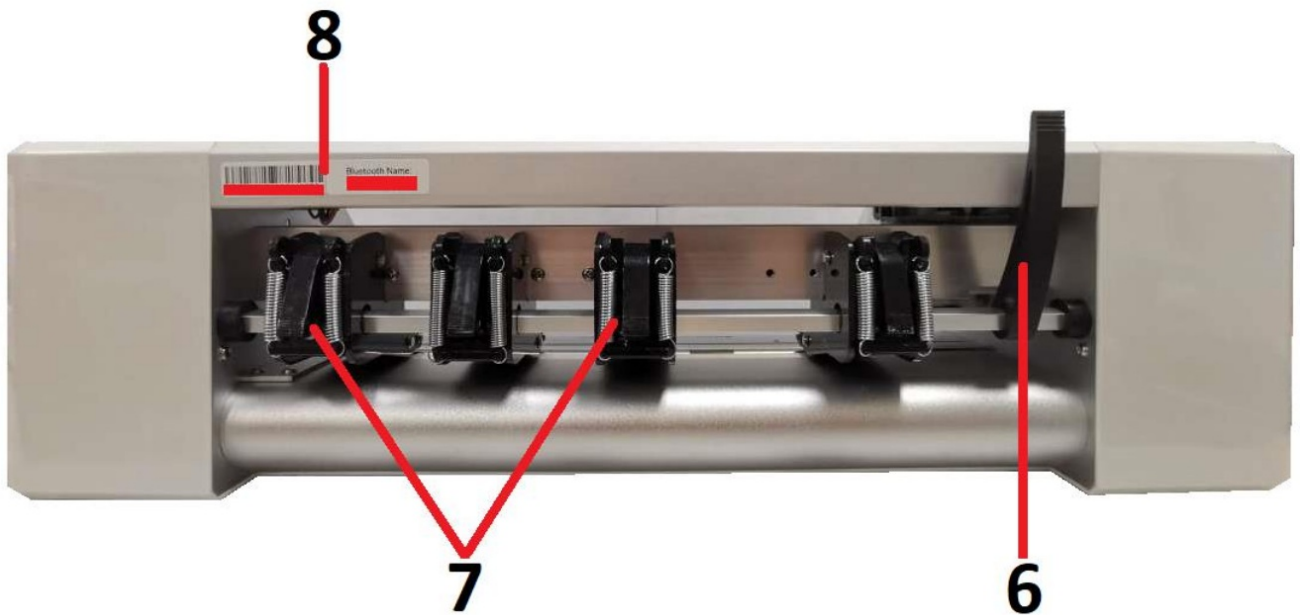
A: Front of machine



1. LCD display (built in application, setting function)
2. Card slot (card slot in right, material plugged into position)
3. Platen roller (pressing film cutting material front and rear movement)
4. Knife holder (mounting blade, used for cutting materials)
5. Trolley (the left and right cutting of the machine and the loading of the upper and lower blades)

B: Back of machine

- 6.

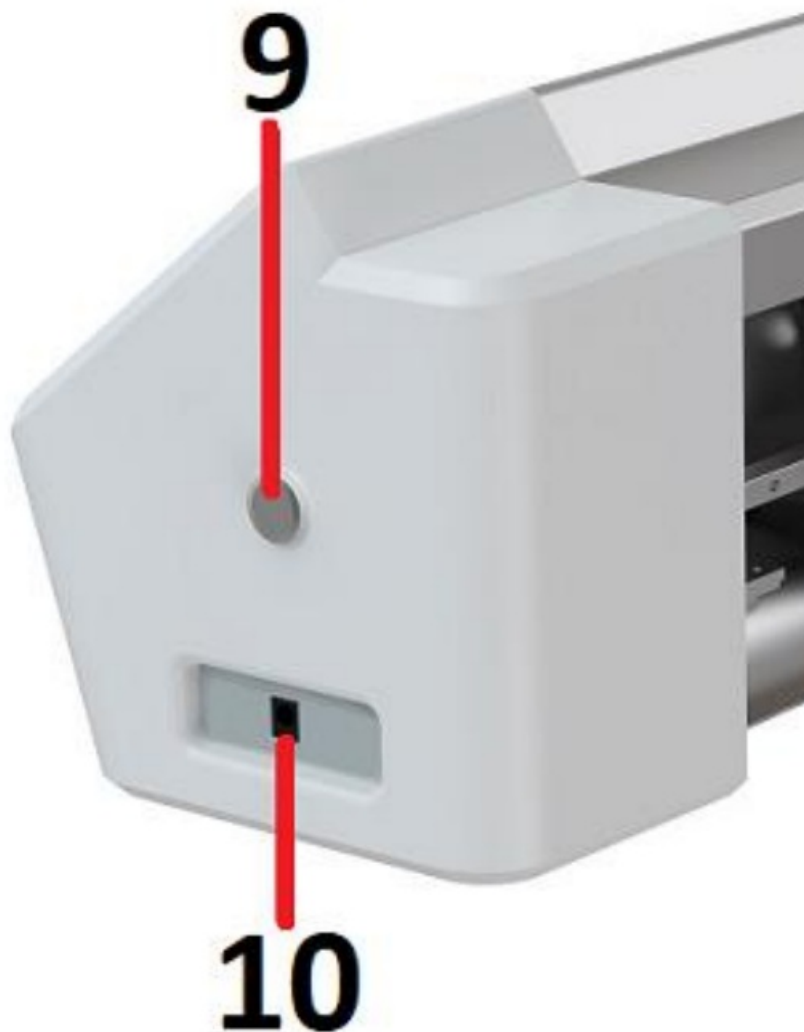


Lever of pressure rollers (used to release the ability to insert or eject a sheet of film)

7. Roller pressure springs (they are used to adjust the film sheet stability pressure)

8. Location of "Machine Serial Number" and "Bluetooth Name"

C: Side of machine



9. On-off button (short press to turn on, blue light will be on; about 3sec press to turn off)

10. Power connector (interface to connect to the machine's power adapter)

D: Machine power supply

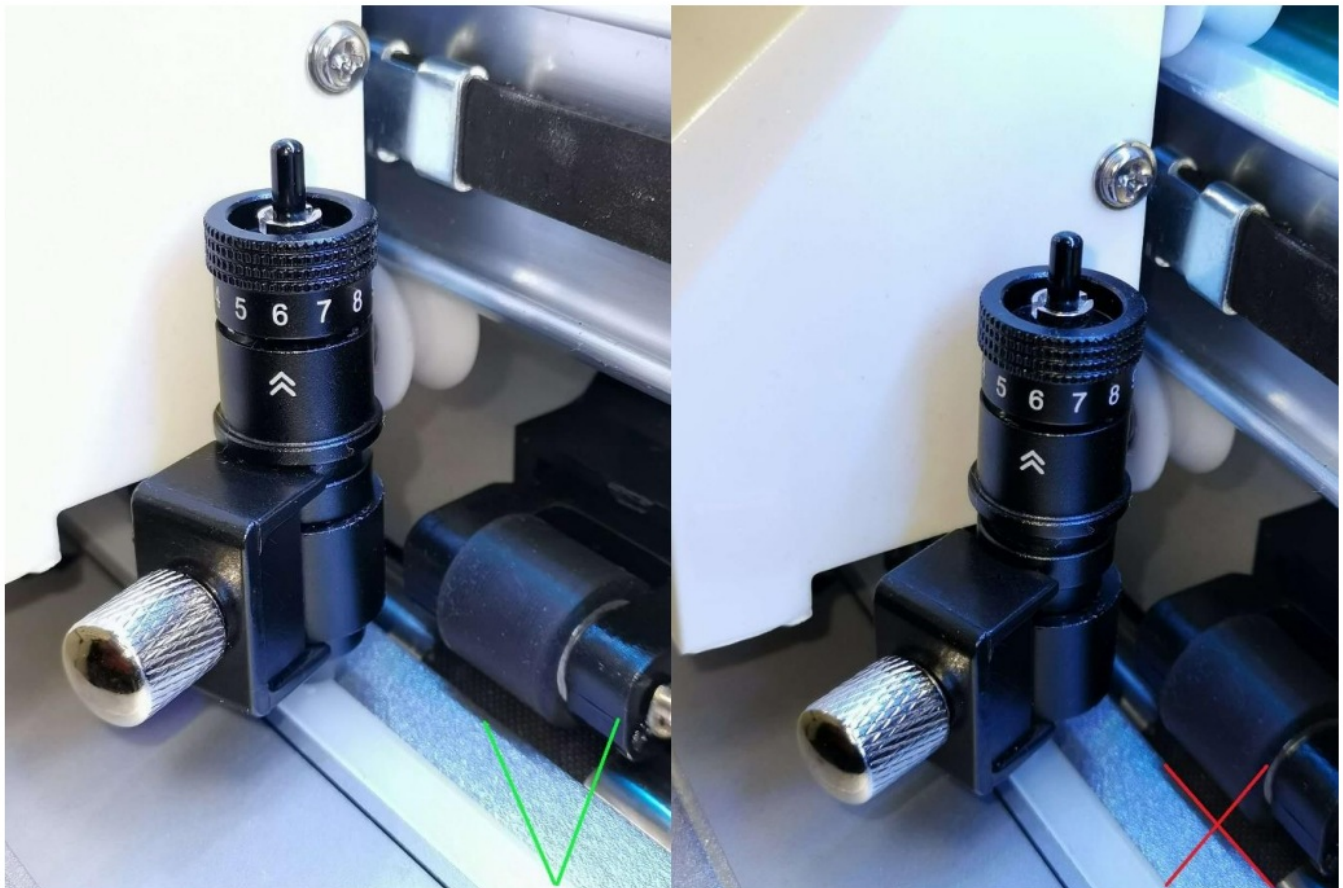


11. Power adapter (Power input AC 110-220V Power frequency voltage output 24V= 2,7A)

12. Power cord for the power adapter

Basic operation of the machine

A: Knife holder assembly and adjustment



Before the first use, the correct fixing of the handle consists in its free fall onto the mounting in the head after

unscrewing the fixing screw.

To keep the handle stable, tighten the screw firmly with your fingers.

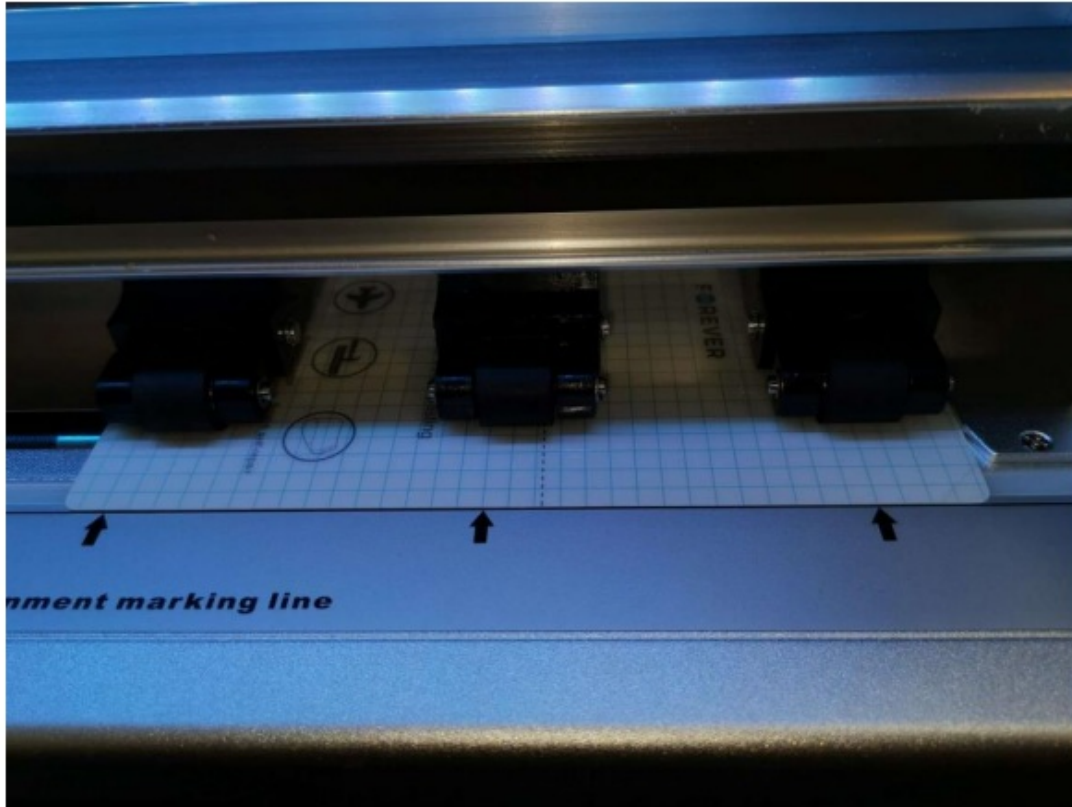
The knife holder has a total of 10 settings (in the order of 123456789AB).

The larger the number on the handle, the longer the protruding tip of the knife, which allows for a deeper cut in the material.

The default blade position is factory set for standard transparency film, other setting items should be changed to correct the blade position according to different materials.

Let's take standard film cutting as an example, if the sheet is completely cut, then we have to reduce the position of the blade on the holder to a smaller number. Conversely, if the material has not been cut, we must set a higher number. A properly cut sheet has only the last printed layer scratched, the other 3 are completely cut.

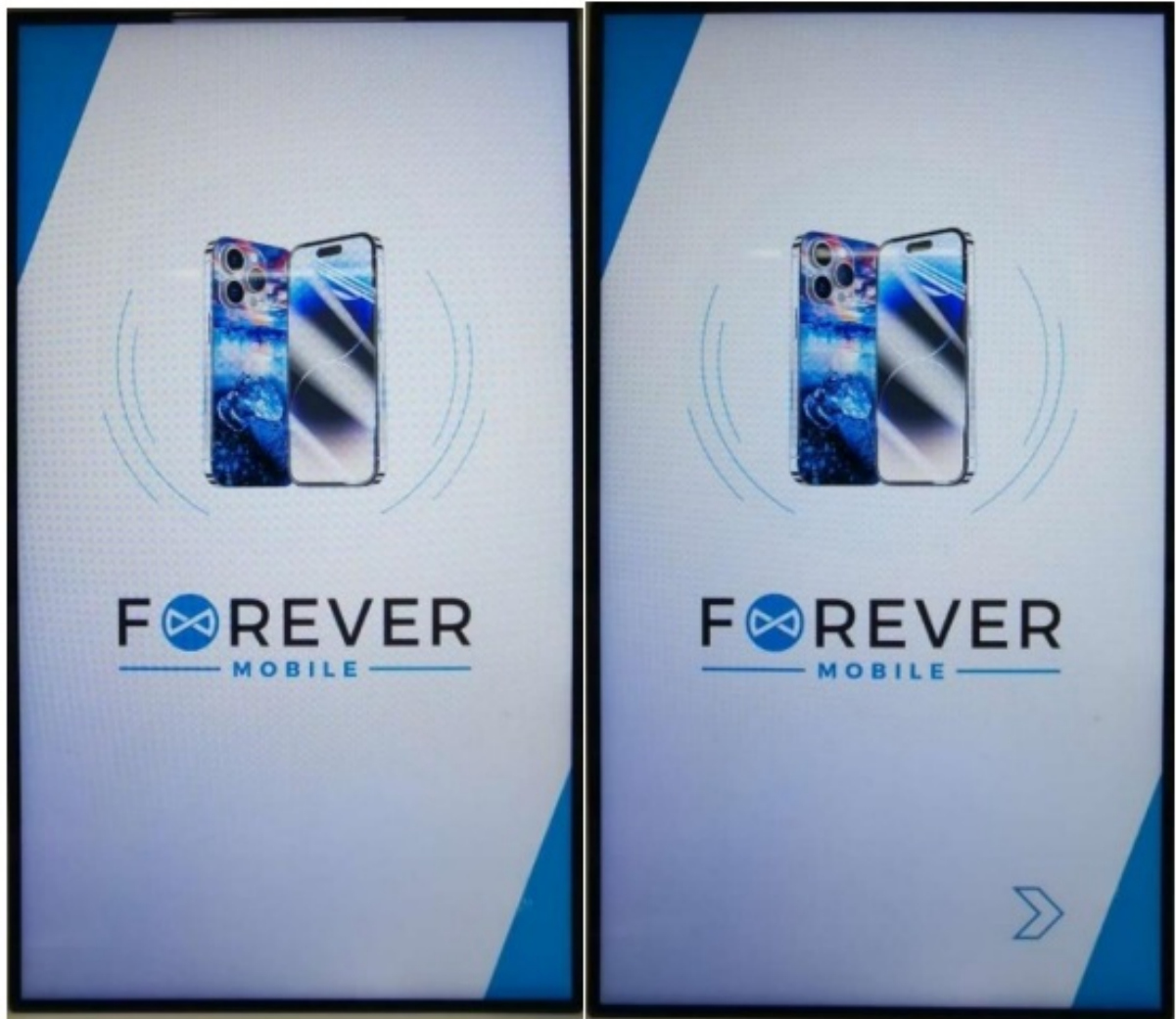
B: Material placement



Lower the roller levers to place the sheet in the machine correctly. Then place the sheet in the machine so that it is aligned to the right edge and in contact with the sheet slot. At the depth of the device, the sheet should be exactly behind the line placed on the machine. Sometimes it may happen that when cutting the film for a large telephone model, the sheet will slip out from under the pressing rollers, the solution is to place it deeper in the machine.

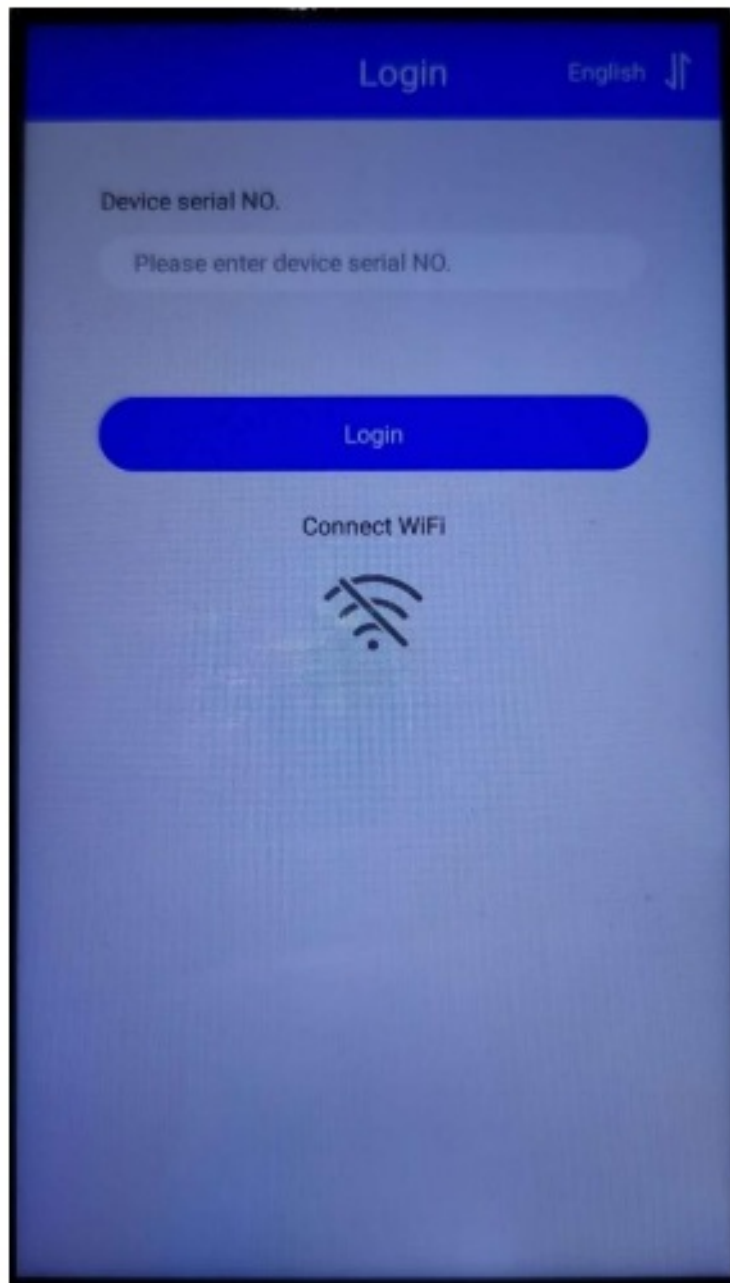
Software operation

A: The LOGO interface will be displayed when the machine is turned on.



Add A. During the first start-up, enter the serial number of the machine, which is located on the back of the device and begins with "FV....."

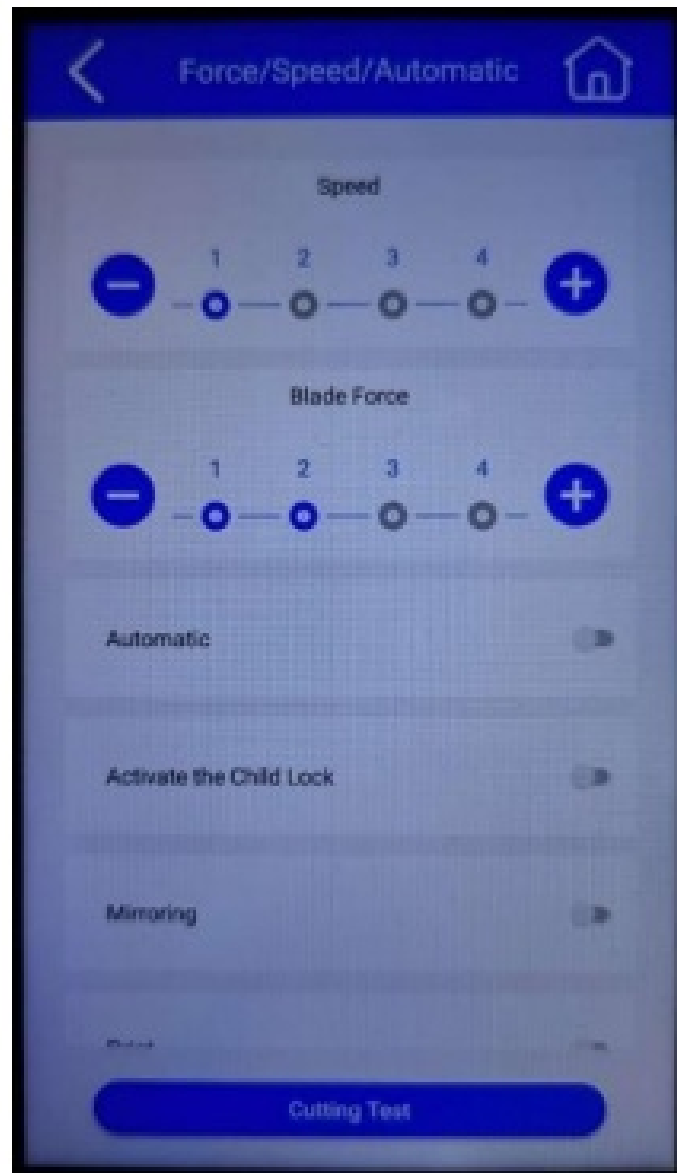
B. WIFI connection and entering the serial number



Add B. During the first run, we have the option of choosing the language of the device software. To start using the machine, you need to connect to the WIFI network and enter the serial number of the machine, which is located on the back of the machine and begins with "FV.....". Then click login. After completing these steps, the device will start the first update and download the latest data.

C: Software use

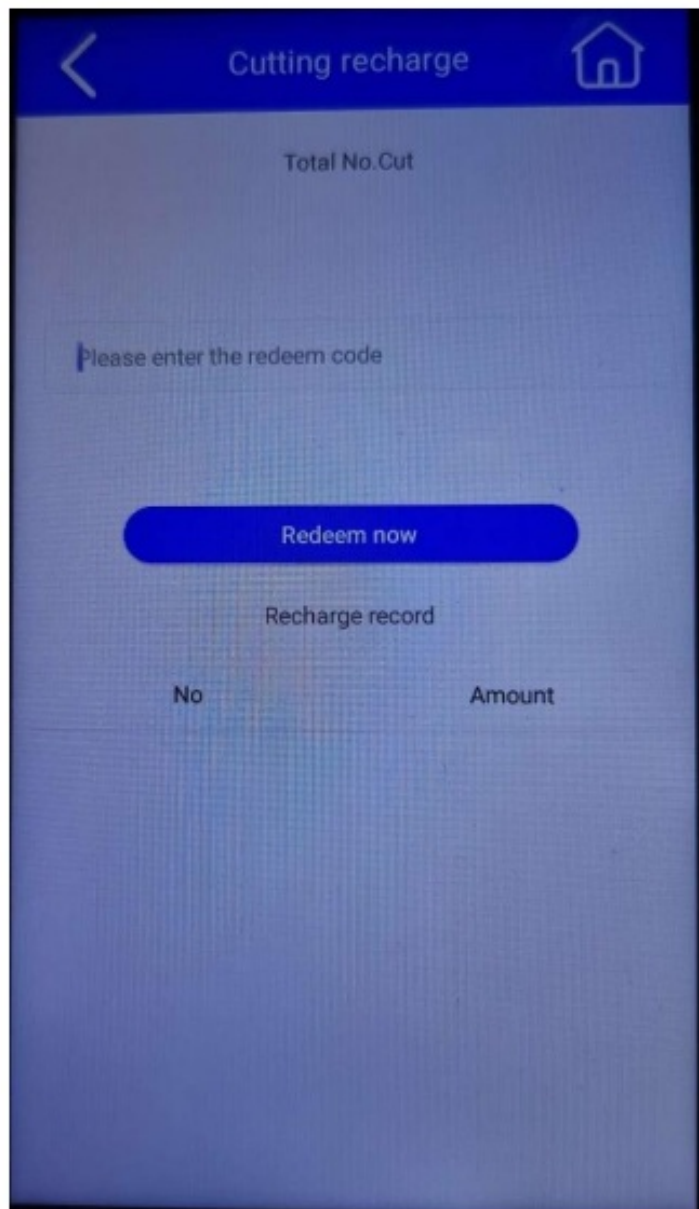
C1. Settings



In the first setting point, we can change the speed and cutting force, plus additional settings, e.g. turning off the lamp in the machine. An additional option is the possibility of a test cut to check the correct setting of the cutting depth. Important: the cutting speed parameter should be set as low as possible because the lower the speed, the more accurate the cut.

The second point is connecting to a WIFI network where we can change the access point.

The third setting point is the place where, in order to be able to cut the foil, we must enter the code from the foil package, which is on the back of the package.



The fourth point is to change the language setting of the software.

The fifth point is a place where we can check the statistics of cut foils and what models we cut foils for.

C2. How to cut

First, we need to put a sheet of foil in the machine (see point 4B of the instructions).

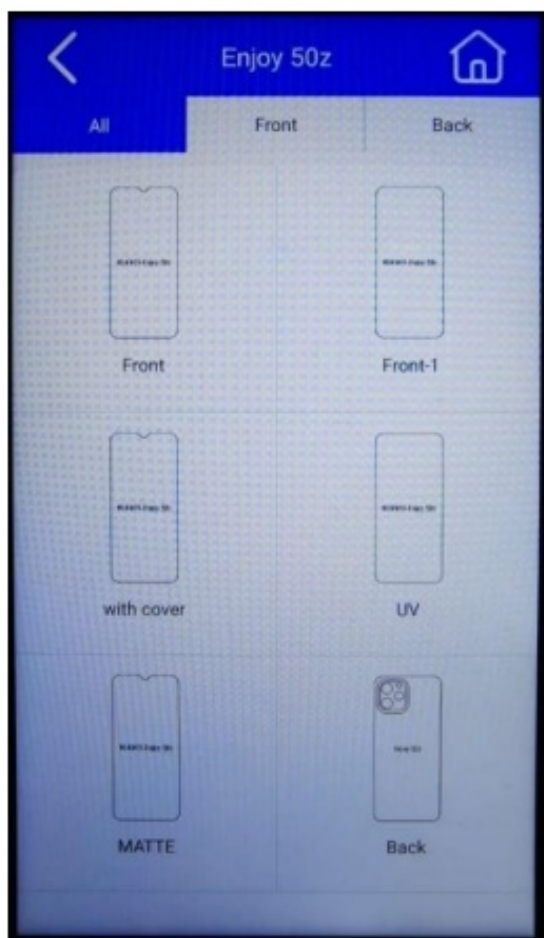
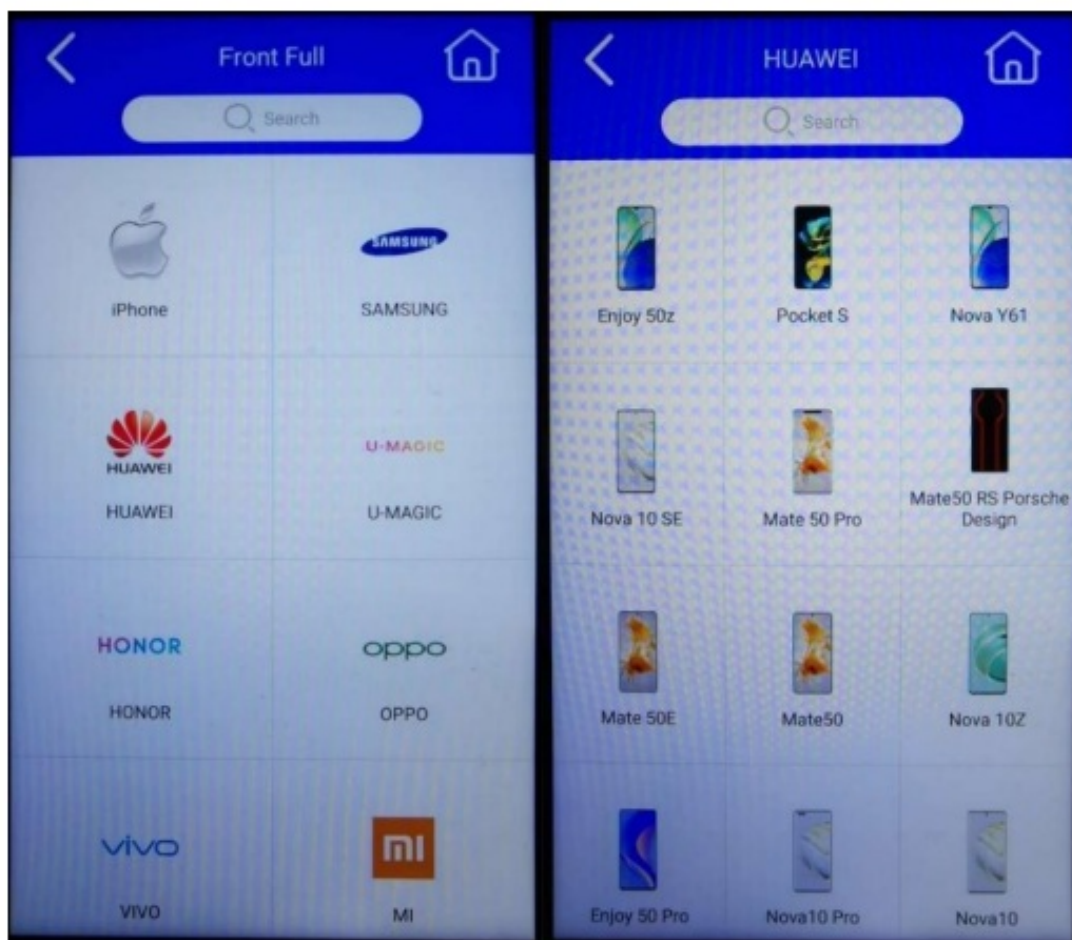
Important: the sheet should be placed directly in front of the cutout as long-term storage in the device may cause dents in the film.

Next, we choose the device for which we want to cut the film smartphone, watch, camera or other.

If we have chosen a smartphone, we can see different brands of devices, for example (Huawei). Then there is a list of models of a given manufacturer, we select, for example, (Enjoy 50z) and various types of foil cuts appear. At this point, we can choose what type of transparent foil cut we need:

Front – i.e. cutting the foil for the entire screen (not recommended if the customer uses a phone cover with cover – a cut-out especially for customers using covers After selecting the appropriate cut, click send.

Important: in the category of smartphones “General Category” and watches “Watch General Category” there are special universal cut-outs with cut-out dimensions. An additional cutting option is “Custom cutting” available in the main menu, it allows you to enter your own dimensions and rounding of angles to match individual needs. However, you must remember about the limitations resulting from the size of the foil sheet 12x18cm, where the part on which the rollers move must remain, otherwise the sheet will fall out from under the rollers.




Forever product, a film cutting machine is subject to the manufacturer's warranty only if it is used with the use of original films (recommended by the manufacturer) and sold by TelForceOne S.A.

ATTENTION

The manufacturer is not responsible for the consequences of situations caused by improper use of the device or

non-compliance with the recommendations.

Double protection class

 The product is marked with the second protection class symbol. In devices of this protection class, safety in terms of electric shock is ensured by the use of appropriate insulation – double or reinforced – the destruction of which is very unlikely.

 For internal use only.

Proper disposal of used equipment

 The device is marked in accordance with the European Directive 2012/19/EC on waste electrical and electronic equipment (Waste Electrical and Electronic Equipment – WEEE).


Products marked with this symbol should not be recycled or disposed of with other household waste at the end of their useful life.

The user is obliged to dispose of waste electrical and electronic equipment by delivering it to a designated point where such hazardous waste is subject to the recycling process.

The collection of this type of waste in separate places and the proper process of its recovery contribute to the protection of natural resources. Proper recycling of waste electrical and electronic equipment has a beneficial effect on human health and the environment.


For information on where and how to dispose of waste electrical and electronic equipment in an environmentally safe manner, the user should contact the appropriate local authority, the waste collection point or the point of sale where the equipment was purchased.

Declaration of Conformity with European Union Directives

 TelForceOne S.A. hereby declares that this product complies with the essential requirements and other provisions of the Directives “New Approach” of the European Union.



Documents / Resources

	FOREVER MOBILE Cutting Plotter [pdf] Instruction Manual Cutting Plotter, Plotter, Cutting
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