尺寸:A5(148x210mm)
材质:铜版纸200g
装订方式:骑马钉

封底

MOCOLL®

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封面

MOCOLL®

User Manual and Problem Solutions of MOCOLL Intelligent Film Cutting Machine (Plus)

High-end Chinese 3C Accessories
Focus On Providing Excellent 3C Accessories For Global Users

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1. Installation notes

To ensure the correct use of the MOCOLL Intelligent Cloud film cutting machine, please follow the instructions of the following signs.

1-A. Ensure safe use:

⚠	Improper operation may cause personal injury. Improper operation can cause damage to the machine.
⚠	Improper operation may cause injury to persons or other objects.

1-A. Ensure safe use:

⚠	The sign indicates that users need to pay great attention to. The figure in the triangle indicates the situation to be noticed, the left figure indicates "Warning electric shock"
🚫	The sign indicates the action that must be prohibited, the figure in the circle indicates the prohibited action. The left figure indicates "No disassembly"
⚠	Warning

🚫	Do not use a power source that does not meet the rated voltage. Use of a non-compliant power source can cause fire or electric shock.
🚫	Do not use the machine in case of smoke, peculiar smell, noise and other abnormal conditions, which may cause fire or electric shock.
🚫	Do not allow liquids to enter the machine, or to drop metal objects, which may cause fire.
🚫	Do not touch the tool nose with your fingers. Otherwise, you may injure your fingers.
🚫	Do not damage or replace the original power cord. Do not over bend, pull, bind or press the power cord under heavy objects. Otherwise, the power cord will be damaged, causing electric shock or fire.
🚫	If the machine is not used for a long time, please unplug the power cord from the socket. Otherwise, it will cause fire.
🚫	When not operating, do not put your hands on the main shaft, otherwise you will be injured.

2. Machine accessories and parameters

2-A. Machine related accessories

1. One machine
2. One set of tool apron(including internal knife)
3. A set of power adapter
4. One power cord
5. One operation manual
6. One Warranty Card

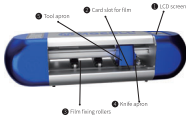
2-B. Machine related parameters

TYPE	MOCOLL
Maximum Film Clip Width	370mm
Maximum Material Width In The Machine	298mm
Cutting Accuracy	0.01mm
Repeat Accuracy	0.002 mm
Maximum Straight Cutting Speed	250mm/s
Maximum Curve Cutting Speed	200mm/s
Cutting Pressure	200g
Data Transmission Method	Comes With Cloud Service Output (Registration Free)
Input Voltage	110~400V
Machine Power	<100w
Working Temperature	-5℃~+35℃
Package Size	770x510x285mm
Package Weight	3.2kg
Product Weight	1.3kg

3. Product diagram

Product diagram of machine and function introduction of each part

3-A: Machine front introduction



1. LCD screen (used for various machine parameters, networking, cutting operations)
2. Card slot for film (the two card slots are placed on the left and right sides, and the film products are plugged in for positioning)
3. Film fixing rollers (film-pressed cutting materials move forward and backward)
4. Knife apron (used for mounting cutting needle and cutting mate rials)
5. Tool apron (left and right cutting and tool apron fixing)

3-B: Machine back introduction

6. Film-pressed spanner (pull up and down to control the film-pressed roller to press and release the film)

3-C: Machine side introduction

7. Power interface (interface to connect the machine power adapter)
8. Starting switch (switch button for starting the machine. Note: Press the switch once the blue light is on to indicate power on, the machine will be powered off and shut down when the switch needs to be pressed for 3 seconds)

3-D: Machine power adapter

9. Power cord interface (plug in the power interface of the machine corresponding to the 9 position and power on)
10. Power adapter (power input 110~220V broadband voltage input 24V=2A)
11. Power cord (connect the power supply)

4. Basic operation of the machine

4-A: The power on animation interface will be displayed after the machine is powered on (after the power on animation, directly enter the operation interface)

Power on animation interface

Operation interface

4-B: Installation and adjustment of knife apron

The part in the red frame is the knife apron

The knife apron has a total of 10 gears (represented by 1234567890). The larger the number of the tool tip gear, the longer the extended tool tip, indicating the thicker the material that can be cut.

The default tool tip gear of the machine is 5, and other gears are adjusted according to different material requirements. For example (take cutting TPU front film as an example, cut according to the digital standard that the default tool apron gear is 5, speed is 2, cutting force is **3-4**). If the material is cut through, we need to reduce the cutter holder gear to 4. On the contrary, if there is no cutting penetration and continuous, it is necessary to adjust the knife apron gear to 6.

Installation position of knife apron

Pay attention to the correct installation position of the knife apron. The knife apron should be locked in the chuck.

Installation of knife apron: After aligning the tool apron with the empty position, rotate the knob clockwise and fix it.

Installation of cutting needle: Insert the round end of cutting needle into knife apron vertically, and the cutting needle will automatically retract into the knife apron after successful installation. (please be careful of the cutting needle scratch!)

Disassembly of knife apron: Rotate the knob anticlockwise in the red frame until the knife apron is loose (initially with its own cutting needle), and then remove the knife apron (initially with its own cutting needle).

Disassembly of cutting needle: Press the metal bar above the knife apron, pull out the cutting needle from the lower end, and then remove the knife apron (please be careful of the cutting needle scratch!)

Knife apron gear: Rotate the knob on the upper end of the knife apron to control the gear.

Cutting force, speed: Click "Force/Speed" on the setting page.

Select the corresponding "Cutting Force/Speed" according to the film type.

Operation Parameters of Intelligent Cloud Film Cutting Machine

Operation Parameters (self-regulation of cutting force and cutting speed)							
Film Type	Cutting Force	Cutting Speed	Film Type	Cutting Force	Cutting Speed		
TPU	3-4	2	Matte film	3-4	2		
Glossy film	3-4	2	Frosted film	3-4	2		
Matte film	3-4	2	Glossy film	3-4	2		
Frosted film	3-4	2	Matte film	3-4	2		
Glossy film	3-4	2	Frosted film	3-4	2		
Matte film	3-4	2	Glossy film	3-4	2		
Frosted film	3-4	2	Matte film	3-4	2		
Glossy film	3-4	2	Frosted film	3-4	2		
Matte film	3-4	2	Glossy film	3-4	2		
Frosted film	3-4	2	Matte film	3-4	2		

Please adjust the cutting parameters of each type of film according to the parameters on the form.

4-C: Placement of materials (Take notebook film as an example)

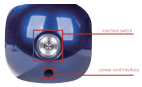
According to the entered direction of film paper, push the film along the edge of the card slot and push it directly under the pressure roller.

Wait for five seconds and film will be fed into the machine automatically, then proceed to the next cutting operation.

5. Overall operation of the machine (Take notebook film as an example)

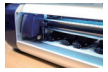
The following steps need to be completed before the machine starts cutting. Connect the power — turn on the switch — install the tool apron and the knife apron (default installation and commissioning at the factory) — put the film and press it—and then select the type of film to cut, the notebook brand, the mobile phone type, and click cut.

1) Connect the power cord and turn on the machine switch.



Press the power button on one side of the machine body, after hearing the "Di" three startup prompts, the machine starts up.
(The machine has been adjusted to the best cutting state when it is used for the first time, and the front film can be cut directly. If the back film is to be cut, please refer to 4-B film cutting parameters.)

2) Check the installed knife apron and placed materials



The knife apron shall be adjusted according to the instruction 4-B. The materials shall be installed according to the instruction 4-C.

3) Select cutting data

Select film type in turn

Notebook Brand

Notebook type

Film type

Click "Start Cutting"

The machine will start cutting according to the route.

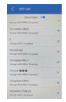
After cutting, the machine will automatically withdraw the material and finish cutting.

6. About networking

Click the "Settings" icon in the lower right corner

Go to the settings page to find WiFi settings

Click "Close/Open" to open Wifi search



Select the WiFi network you want to connect to, and enter the corresponding password to connect to the Internet.

7. Problem solutions in use (Please operate in the networking state)

Q: How to update the latest data of mobile phone type?
A: Go to the setting page, click the "restart / power off" button, go to the next level page, and then click "restart". After the machine is restarted, it will automatically update the latest data of mobile phone type.
Q: After a period of use, the cutting does not penetrate the diaphragm /the cutting is intermittent.
A: Please disassemble the knife apron and cutting needle in turn, clean the residue on the cutting needle with soft cloth, install the cutting needle back to the tool apron and then install them on the machine.
* Please be careful of the cutting needle scratch!
* If it cannot be solved, please contact the supplier to provide a better solution.

Q: After cleaning the needle, the cutting still does not penetrate the diaphragm/the cutting is intermittent.
A: Please check whether the number of cutting shown above the machine is more than 300 times. If more or closer, please change the needle. (In order to ensure the best cutting quality, it is recommended to replace the cutting needle every 300 times of film cutting.)
* Please be careful of the cutting needle scratch!
* If it cannot be solved, please contact the supplier to provide a better solution.
Q: Unable to network / update.
A: Please check whether the network is smooth. It is recommended to operate the machine networking in a smooth network environment.
Q: The cut film does not match the machine / does not match the hole position.
A: Cut again after restarting the machine.
* If it cannot be solved, please contact the supplier to provide a better solution.
Q: Unable to find the type of machine to be cut.
A: Restart the machine.
* If it cannot be solved, please contact the supplier to provide a better solution.
Q: How to clean the outdated data?
A: Go to the setting page, click the "Database cleaning" button, it will bring a popup window, and click the "OK" button, you can clean the outdated data.

FCC Warnning:

This equipment 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 againstharmful interference in a residential installation. This equipment generates, uses and can radiateradio frequency energy and, if not installed and used in accordance with the instructions, maycause harmful interference to radio communications. However, there is no guarantee thatinterference will not occur in a particular installation. If this equipment does cause harmfulinterference to radio or television reception, which can be determined by turning the equipmentoff and on, the user is encouraged to try to correct the interference by one or more of thefollowing measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.