



Model: CPM-CUTOK-A3

Name: A3 Size Portable Vinyl Cutter and Plotter with Contour Cut Function

Overview	Specifications	Packing list	Instruction	Warranty	Video & samples
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CPM-CUTOK-A3 is a small cutting and drawing plotter with a registration mark laser on it.

It is a 13" mini vinyl cutter plotter sign making equipment.

Compatible with Windows VISTA, XP, 2003, 2000

A Windows driver is provided and enables output from leading drawing software (e.g. CorelDraw 12, Adobe Illustrators).

The machine won four patent certificates as bellowing:

Patent Number: 200630083948.4, Mini desktop vinyl cutting machine

Patent Number: 200620072605.2, Updated version of mini desktop cutting plotter

Patent Number: 200620076059.X, Blade and carriages

Patent Number: 200620072070.9, Roller structure of the cutting plotter

Patent Number: 200720131322.5, Blade alignment apparatus of this machine

Applications

You can draw, cut, kiss-cut and decuple shapes around.

You can cut cartoon or other Vinyl and polyester sheets for your business and hobbies.

You can use it to make stickers, paper crafts, scrapbooks, jigsaw puzzles, DIY, 3D card modeling, cards, letters, gift boxes, etc. It is especially suitable for thick paper cutting.

The vinyl plotting machine is the best choice for store, office, school and home use.

Sample card board cutting and small batch production

Heat transfer, sticker, die-cutting industries

Paper molding, 3D molded paper products, paper industry

Decorative wall stickers, stickers, car sticker

Cutting personalized jigsaw samples

Paper cutting and so on

Media Types

Film media 0.1 mm thick or less

Kent paper (Inkjet or laser paper up to 300g / sq. m)

Drawing paper, postcards, scrapbook paper

Inkjet photo paper (Not all kind of media can be cut)

Features

◆ CPM-CUTOK-A3 vinyl cutter is a small cutting and drawing plotter with a registration mark laser. It has an innovating design that saves more room.

◆ High moving precision grit - rolling guaranteed. Optical function - for easier and accurate operation.

◆ The vinyl cutting plotter can draw, cut and kiss - cut shapes around of cardboard, vinyl and polyester sheets for several uses.

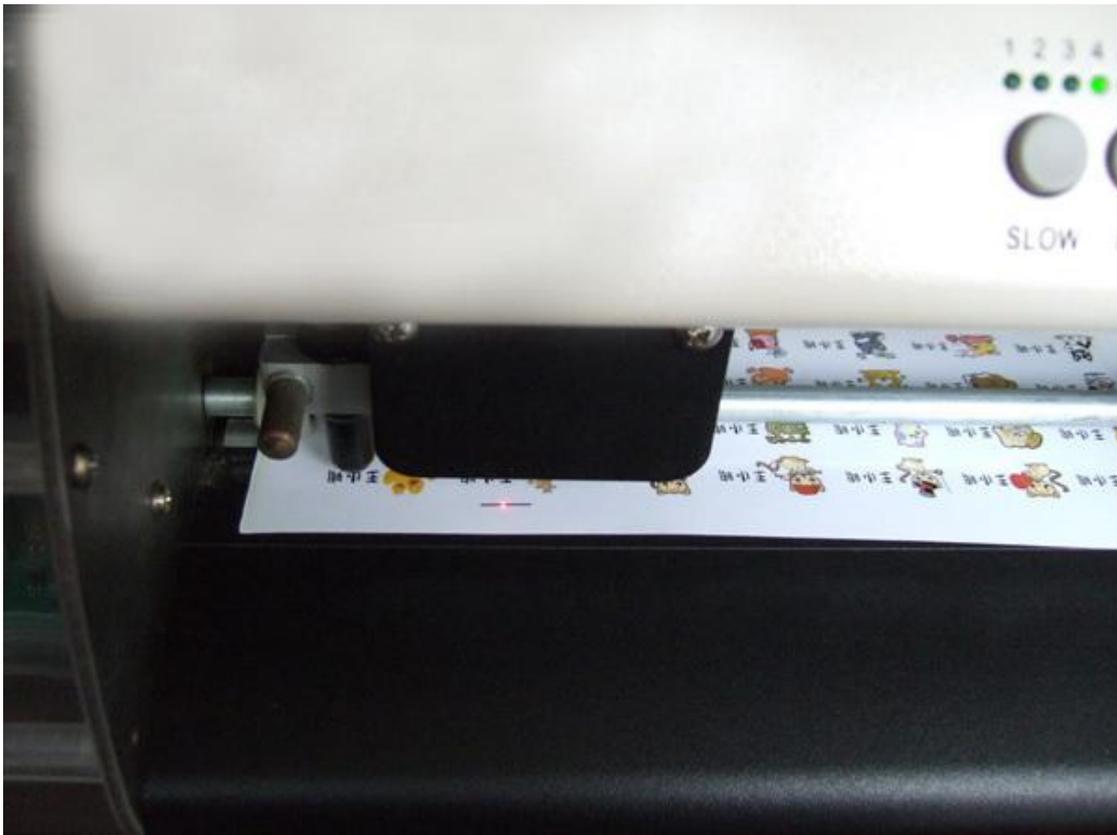
◆ You can change the cutting - knife to `ball` pen, then it works as plotting instrument.

◆ The cutting plotter is powered by a 16V DC adaptor.

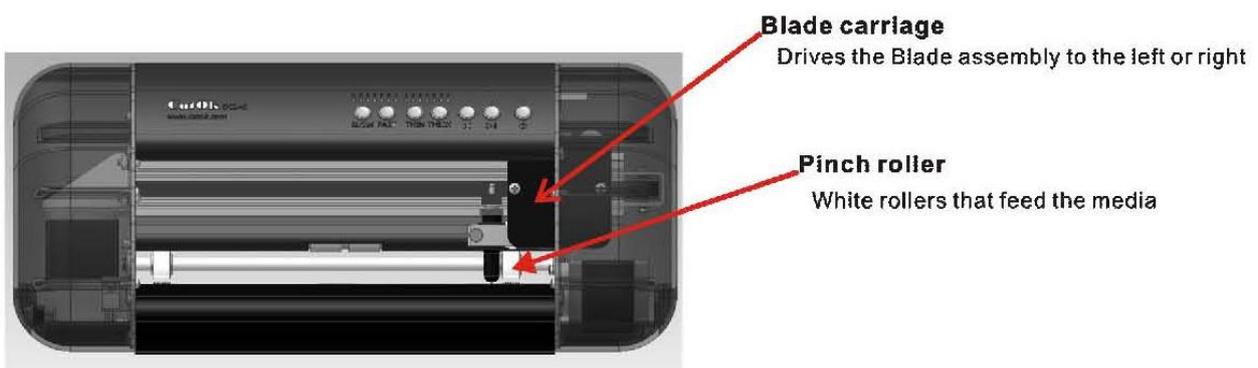


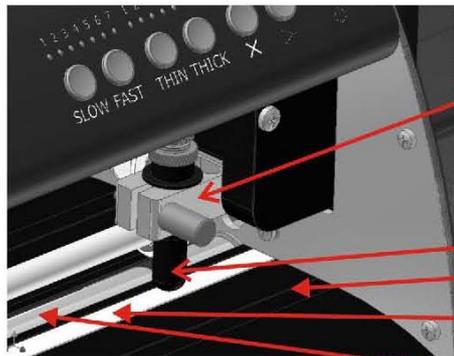
- ◆ Compatible with Windows VISTA, XP, 2003, 2000, 2007, Mac system.
- ◆ The vinyl cutter is equipped with the CUTOK Master software, especially designed for this machine, which is practical and easy to use. Its main function is contour cutting; it means that you can cut printed graphics along the contour.
- ◆ A Windows driver is provided and enables output from `leading` drawing software (e.g. Corel DRAW 12, Adobe Illustrator CS).
- ◆ This vinyl cutting machine is compatible with many kinds of plotting software, such as FlexiSign, SignCut, WinPCSIGN, Artcut, etc. You can use the software you like, just do some setting. Please look at PDF documents of how to set the software in **Instruction tab**.

Red light sensor (Registration mark laser)



Components





Clamp bracket

Holds the Blade assembly and drives it up or down

Blade assembly

Used for holding a blade

Guideline

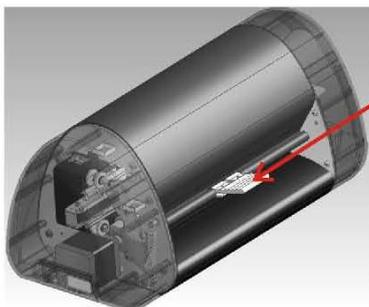
Used as a guide when media is loaded

Cutting strip

Black strip that protects work surface from damage caused by the blade

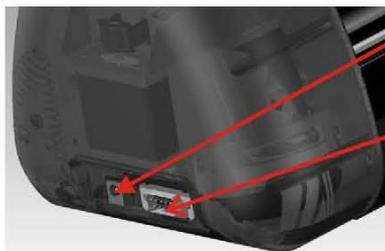
Media roller

Prevents media from warping



Pressure hold levers

Raise and lower the pressure rollers. Lowering the pressure rollers will hold the media in place



AC adapter jack

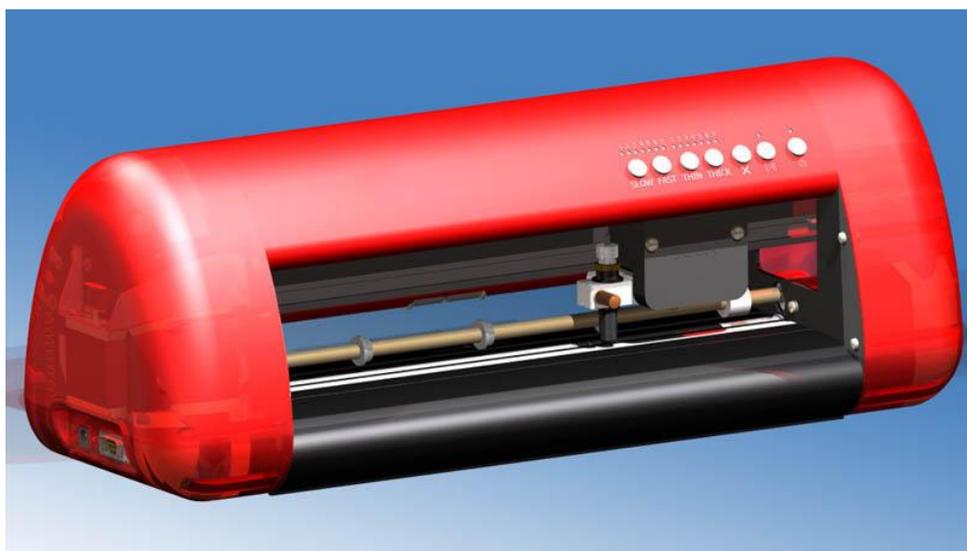
Used for connecting the cable for the AC/DC power adapter

USB interface connector

Used for connecting the USB cable

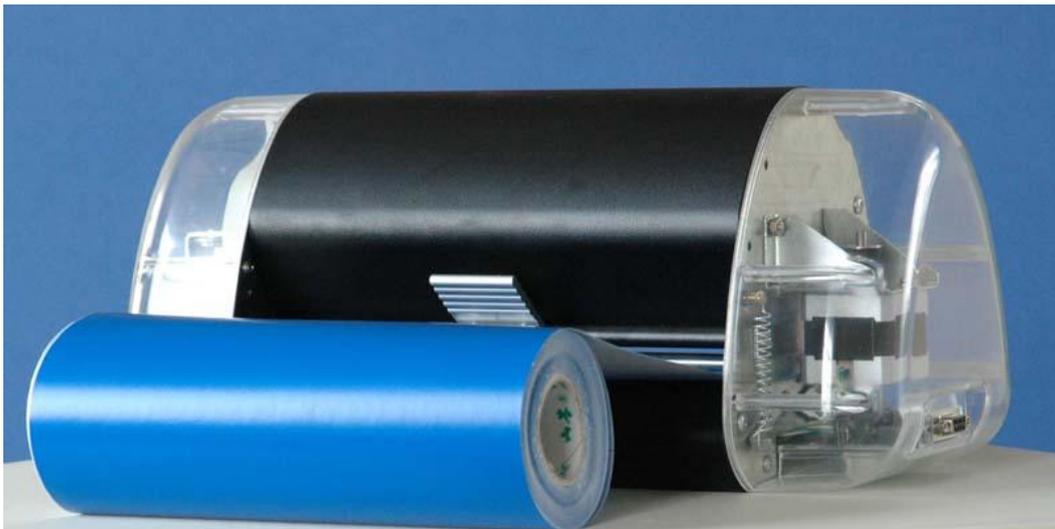
Details Pictures

Front of the vinyl cutting machine





Back of the vinyl cutting machine





Top view of the vinyl cutting machine

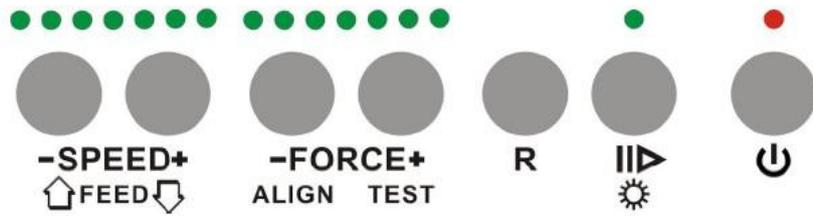


Adapter port and USB interface



Control Panel





Blade holder and pen holder



Standard Accessories





Overview	Specifications	Packing list	Instruction	Warranty	Video & samples
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Model	CPM-CUTOK-A3
Driver	Stepper motor
Maximum Paper Feed Width	13" (330mm)
Maximum Cutting Width	11.8" (300mm)
Maximum Cutting Speed	0.4" - 11.0" (10-280mm) / s (7 levels selectable)
Maximum Cutting Length	78.7" (2000mm)
Maximum Cutting Thickness	Film media 0.1 mm or less in thickness. Kent paper (inkjet or laser paper up to 300g / sq. m). Drawing paper, postcards, scrapbooking paper. Inkjet photo paper (Not all types of media can be cut)
Knife Press	60g to 500g (7 levels selectable)
Minimum Size of Cutting Letter	0.2" (5mm)
Repeat Precision	0.025mm / step 1016DPI or 0.0254mm / step 1000DPI
Type of Tool	Roland carbide blade
Plotting Instruction	DMPL, HPGL
Interface	USB2.0
RAM	256M
Real Cutter Softball	Yes
Optical Function	Yes
Emergency Stop	No
Power Supply	Dedicated adapter: OUTPUT: DC 16V 2.5A INPUT: AC100V ~ 240V ; 47Hz ~ 66Hz
Working Environment	5 to 30 °C, 35 to 80% R.H. (Non-condensing)



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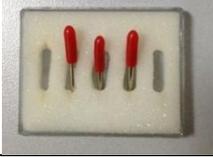
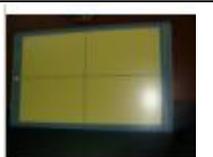
Terms & Condition of Purchase: After we receive PO from customer with stamp, we give PI for customer.

Lead Time: After receiving customer's deposit, within 1 - 3 days.

Wooden Box: There is total one carton box.

Machine Dimension	18.5" x 7" x 7" (470mm x 170mm x 165mm)
Machine Weight	5.5kg
Package	Carton box with foam fixed
Packing Size	23" x 11" x 14" (590mm x 280mm x 360mm)
Gross Weight	7kg

Packing List

Pictures	Article	Unit	Quantity
	Cutting plotter	set	1
	USB cable	pc	1
	Power cable	pc	1
	Cutting blades	pc	3
	Blade holder	set	1
	Pen holder	set	1
	User manual (CD)	copy	1
	A3 cutting mat	pc	2





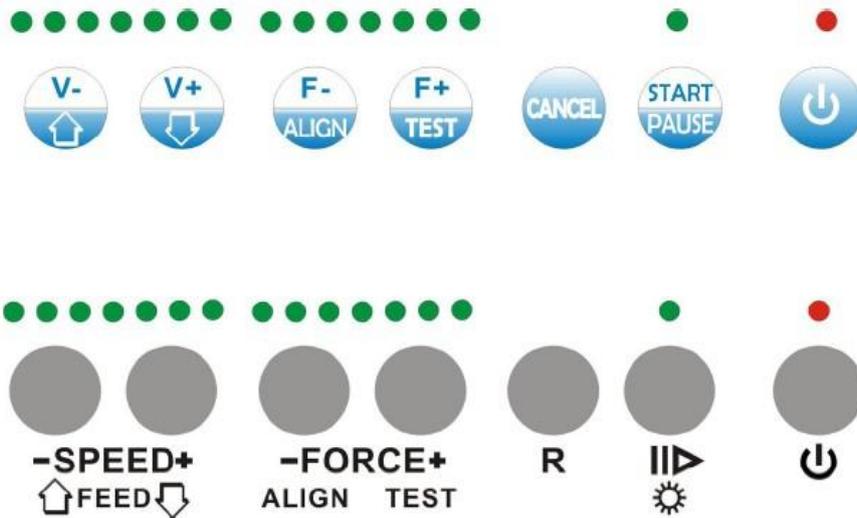
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How to use this mini vinyl cutting plotter?

1. Put the plug in the socket
2. Put the power adapter in the desktop vinyl cutter;
3. Put the USB cable in the interface of vinyl cutter;
4. Put the USB cable in your PC;
5. And then, let's set the software;
6. Open the machine, put the cutting materials into machine;
7. Press the pressure hold levers and make sure the pinch roller be lifted;
8. Put the paper in between the pinch roller and media roller;
9. Lifting the pressure hold levers, make sure the pinch roller press on the media roller;
10. Using the cutting mat;
11. Fixing the blade holder or pen holder into blade assembly;
12. Shut off the machine power supply;
13. Put the blade holder or pen holder into the blade assembly, tighten the screw clockwise.
P.S.: You should keep the blade clean and don't break the blade sharp.
The length out of the cover should be just a little bit, say 0.2mm around over the paper thickness which you will cut!
14. Press R button on control penal, and then the machine is in working condition.
15. Change the plotting speed through press the “-SPEED” and “SPEED+” button.
16. Change the plotting force through press the “-FORCE” and “FORCE+” button.
17. When the machine is under Pause condition, you can move the paper forward or backward through press “-SPEED” and “SPEED+” button;
18. Press “ALIGN (-FORCE)” button to make laser location;



19. Press “TEST (FORCE+)” button to test;



 	Power on/off LED Standby switch Turns the cutter on and off
 	STATUS LED OFF ON-LINE status = ready to receive data from host computer ON OFF-LINE status FLASHING Registration mark Status button
	Restart button
  	FORCE control button F- = decreasing force on the tool F+= increasing force on the tool
  	SPEED /Paper Move control button



Driver Download

CUTOK USB driver 2

Compatible with Windows7 (64bit). Windows (32bit). Windows VISTA (64bit). Windows VISTA (32bit), XP, 2003, 2000.

Software Download

Cutok Master 2

Compatible with Windows VISTA (32bit, 64 bit), XP, 2003, 2000

Manual Download

[CUTOK English Manual \(PDF\)](#)

Software Set Download

This vinyl cutting machine is compatible with many kinds of plotting software, such as FlexiSign, SignCut, WinPCSIGN, Artcut, etc. You can use the software you like, just do some setting. Please look at bellow PDF documents.

[FlexiSIGN-PRO](#)

[SignCut X2](#)

[WinPCSIGN](#)

[EuroCut](#)

[ArtCut](#)

FAQ Download

The life of Blade

The correct usage could prolong the life of blade.

- (1) The more length the blade sharp extends out, the shorter life blade will work. So you should avoid cut through the paper.
- (2) The more Force, the blade life will get short.
- (3) Trying to use small Force, when the blade edge is getting less sharp, you could add the working force suitable.
- (4) Different brand blades will have different life.
- (5) You should change the blade when you find the old one has no tartness, to avoid affecting the work badly.



How to fix and setup the blade?

A. You should keep the blade clean and don't break the blade sharp.

B. The length out of the cover should be just a little bit, say 0.2mm around over the paper thickness which you will cut!

How to use the cutting mat?

To avoid the paper moving during work, it's better to use the Cutting mat when cut normal paper. And the paper should be sticking on the mat. The paper size should be smaller than the Cutting mat. It can be used about 100 times.

How to load media?

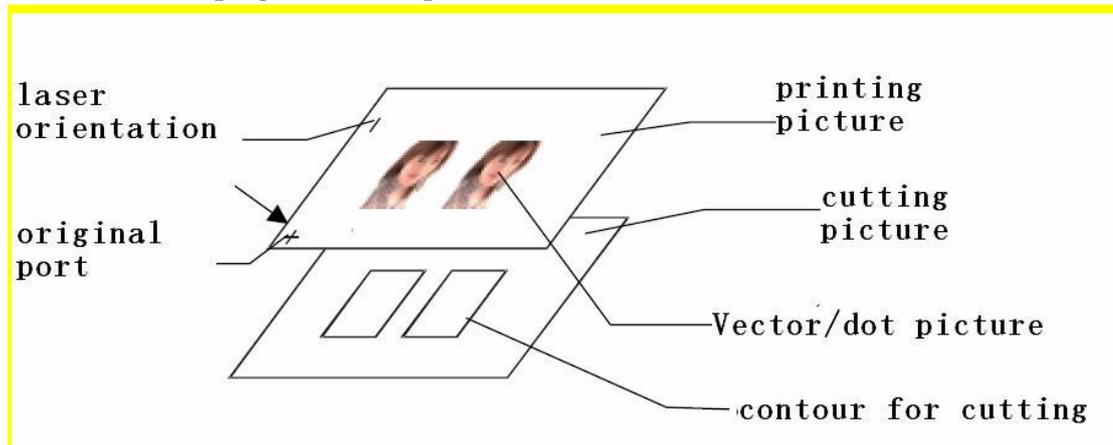
You could use the vinyl in roll or just a piece of A4 /A3 paper.

Steps:

- ① Turn on the Power
- ② Push the handle down
- ③ Put the paper in from back of the cutter.
- ④ Keep the paper with the Checking Line on the same line!
- ⑤ Up the handle, then the pressing wheel will push go down on the paper.

How to do laser orientation cutting and contour cutting?

Take CorelDraw program as example:



- ① Please create more than two pictures layers in CorelDraw software, and make the picture and the orientation sign at a layer, make contour in another layer.
- ② Send the pictures and orientation sign layer to the printer for printing.
- ③ Press "START (PAUSE)" button, the STATUS LED will ON, then press "ALIGN (-FORCE)" button, now the cutter at Laser Orientation state. At this moment, the carriage will move from right to left, and will have a laser dot shoot out on the paper from right side to left; you need to move the paper by hand to check the original port.
- ④ Put down the pressure handle to press on the paper, press "ALIGN (-FORCE)" button in 3 seconds in order to quit the orientation system, and get ready to receive the data from computer.
- ⑤ Close the printing attribute for the image and sign in the CorelDraw software, Send the vector contour layer to the mini cutter for cutting.

Note:

1. The width of the curve must be very slim. (Even 1pt still can't be output)
2. You must change the letter into curve when you want to cut letters, and make sure the curve is slim enough!
3. Different cutters will have different orientation sign, so it needs to adjust.
4. CorelDraw is not special cutting software, have no sharp compensate function, so maybe (There will) not work well



at the ling corner and the seal.

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Spare Parts Supports

We provide all replacement parts for all machines we sold, if you have a parts that break beyond warranty period, you could order it directly from us at reasonable prices. We would post the new parts with step by step instructions in PDF format on how to replace the parts to you.

If you want to buy any parts from us, please tell us the number of the parts. (Download the pictures of Accessories ID, find the number.)

Satisfaction Guarantee

For the items other than consumable products sold via www.Sign-in-China.com, we provide 12 months warranty after shipment. All the extra parts for equipment can be purchased from www.Sign-in-China.com. Further, for our VIP customers, the period of warranty shall be extended to 18 months.

We offer 14 days 100% satisfaction guarantee on all our machines. If you are not satisfied after receiving an item, Sign-in-China.com promises that, within 14 days after actual delivery of such an item, you are allowed to return the item to us and get complete refund, provided the returned item does not affect its subsequent re - selling and you also undertake the charge of returning delivery.

More information, please look at the document of [Training & Warranty & Service Policies](#).