

# 用户手册

The CP series signage machine



Yangzhou Zhuotai New Material Co., Ltd

## introduction

Before you start to use it, please read this manual in detail, and complete the relevant installation Settings, so that you can fully enjoy the powerful functions and convenient services of this machine.

### 1.1 Attachment

When you open the packaging of the CP series sign machine, the standard configuration includes these accessories: warranty card, certificate, matching disc, USB cable, power cord, label, ribbon, weight block.



### 1.2 Important security information

#### 1.2.1 Description of safety knowledge

Please read these instructions carefully before use:

(1) . Do not place this product under sunlight, high heat, moisture, or lots of dust. (2) . Do not use this product near the heater, air conditioners, chemicals or near the water.

(3) . Do not place this product in a bumpy car, on an unstable shelf or table. If it accidentally falls off, it may cause serious damage to the product.

(4) . The rear end openings of the machine are used for ventilation, to ensure product stability and do not seal or cover them to avoid overheating.

(5) . Before cleaning the product, please pull the plug from the external socket and wipe it with a wet cloth as far as possible. Do not use liquid cleaner arbitrarily

Cleaning, organic solvent or spray cleaner clean this product.

(6) . The product shall obtain the power according to the type of power supply identified. If you are not sure you can

For the type of power supply used, please consult with your supplier.

(7) . Do not try to repair this product yourself, because opening the machine may cause electric shock or other danger, please ask the qualified maintenance personnel to perform all maintenance services.

### 1.2.2 Notes for the use process

The following precautions shall be strictly observed when using and maintaining the signage machine:

(1) . Don't touch the print head right after printing.

(2) . Do not use the sign machine and accessories for purposes other than design.

(3) . Please use the special ribbon provided by Changzhou Puyin Electronic Information Technology Co., LTD.

(4) . When the sign machine is printing, do not pull the print sign card, otherwise it will fail and damage the sign machine.

(5) . Please use and save the sign machine, ribbon and cleaning roller in the recommended environment. (6) . Turn off the power supply when turning on the computer.

### 1.2.3 Environmental conditions

The recommended environmental conditions for sign machine, ribbon and cleaning belt are as follows:

environment	temperature (° C)	Humidity (% RH)
operational environment	15—35	15—80
Storage environment	5—35	35—85

### 1.2.4 Main performance

model	CP300	Material width	20mm - 80mm
Print way	heat tranfer printing	Material length	50mm - 300mm
resolution ratio	300dpi	print out rate	10 PCS/min (32mm X 68mm)
Feed way	Automatic continuous entry / manual entry	Clean way	Clean rubber roller; clean rubber roller is removable
Into the board box	50 signs at a time (1mm / block)	Computer connecti	The USB2.0 interface

capacity		on	
Effective print width	57mm	authoring software	Compatible with third-party editing software
Effective print length	550mm	Compatible system	winXP/winVista/win7/wi n8
cingula	60mm X 100mm, and multiple colors are available	operational environment	Temperature is 15-35 degrees
material type	Hard plate	supply voltage	AC200-240V; 50-60HZ
Material thickness	0.2 - 3mm		

The Company has the right to change the performance parameters due to product upgrades without prior notice.

## 2.1 Hardware installation

(1). Insert the randomly attached power cord into one end of the power outlet at the back end of the machine and the other end to the external power outlet.

(2). The random attached USB cable inserts one end into the USB socket at the back end of the machine and the other end to the USB socket of the computer.

## 2.2 Power supply switch

- (1) Turn on the power supply

Confirm that the power cord is correctly connected.

Press the power supply on one side of the power switch [1], and the sign machine enters the internal initialization and self-test state.

- (2) Turn off the power supply

Confirm that the signmachine is not currently operating.

Press the side of the power switch [0].

### **pay attention to**

Do not turn off the power during the, which can damage the print head or ribbon. To restart the printer, the power switch should be turned off before the power switch.

## 2.3 Install the ribbon

- (1) Before installation, tighten the ribbon with the arrow on the ribbon.

- (2) Push the ribbon to with the ribbon positioning column inward.

## 2.4 Remove the ribbon

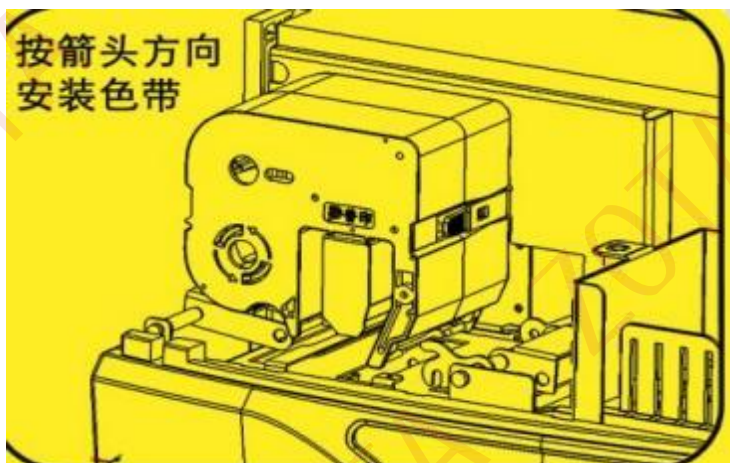
- (1) Press the middle finger of both hands and press the shrapnel at both ends of the ribbon respectively.

- (2) Pull the belt out with both hands.

### **pay attention to**

- (1) If the ribbon is not tightened, the signage machine may not detect the ribbon.

- (2) It is strictly prohibited to remove the ribbon during the printing process, so as not to damage the printing head and tear the ribbon.



## 2.5 Sigage installation

(1) First open the door cover, the sign clip to the maximum position.

(2) Signs card width lock. Place a sign in the entry box to ensure that the sign can be printed to face up and surface without burr, move the width, adjust the appropriate width, clamp the width, and tighten the locking screws.

(3) Sign card thickness lock. Pass the sign through the inlet box, adjust the gap shaft, tighten the thread, when connect

Touch the sign card and reverse it around.

(4) Place the signs. Put the sign (total height not more than 50mm) in the entrance box, and must be placed neatly to ensure that the sign can be printed to face up and the surface without burr, otherwise it will damage the print head and align with the entry box.

(5) Place the weight block in the middle.

**pay attention to**

(1) When printing a long (150mm, above) sign, please lift the sign with a support.

(2) When tightening the locking screw, lift the screw up and then tighten it.

(3) The card width clamp block should be adjusted appropriately, which is easy to lead to the normal transmission of printing medium, and too loose is easy to lead to printing skew.

(4) No use of signs with burrs.

(5) Printing on a sign with dust or grease (including grease on the skin) will affect the printing quality.

(6) Print head damage caused by incorrect operation is not covered by the warranty.

(7) If the sign placed in the entry box is more than the number set in the software, after the printing, the excess sign will be sent to the sign machine, and the sign can be taken out through the card function.

## 2.6 Installation of the cleaning roller

(1) Card the tip of the cleaning roller into the inner hole of the sign machine.

(2) Turn the handle end of the cleaning roller according to the direction of the guide rail and rely on the upper shrapnel.

**pay attention to**

The cleaning roller is a wastage product, which needs to be replaced after the surface is dirty. Otherwise, the printing quality will be affected, and the serious damage to the printing head is not covered by the warranty.



## 3.1 Software installation



(1) Software installation. See the installation instructions in the supporting CD for details

(2) Instructions for using the software. See the supporting CD and software help file for details

## **4.1 Troubleshooting**

### **4.1.1, status light information**

Power indicators and status indicators, monochrome display:

Green —— Ready state

Red —— has fault status (number of interval flicker frequency represents different faults)

#### 4.1.2 Fault handling

When the main board detects the state light error, the power light indicator goes off, the red state light will be flashing, and it will stop for 2 seconds. The number of continuous flashing represents the flashing frequency.

flicker frequency	fault message	failure cause	process mode
2	The ribbon runs out	1. The ribbon is really out. 2 Turn difficult	1. Replace the new ribbon 2. Check whether the installation is in place and whether the motor rotates
3	Not into the sign	1. The sign is used up 2. The sign sensor is abnormal	1. Add a sign 2. Confirm that there are any foreign objects in the sign machine blocking the sign path 3. Check whether the width clip is clamped, the width screw and wire are tightened, and the gap into the box plate is adjusted in place
4	No sign	1. There is foreign body interference in the sign path 2. Print the component in advance, and press down to block the forward direction of the sign	1. Confirm the path for foreign matter and removal 2. Adjust the lowering time of the printing component to ensure that the pressure is in the sign card 3. In the case of color clip, take out the ribbon and then take out the card, and turn down and restart
6	Ababnormal identification	1. Unloaded ribbon 2. The ribbon chip	1. Install the ribbon and install it in place 2. Replace the new ribbon

		reading is abnormal	
7	Print components, down more than down	1. Abnormal transmission 2. Printing component sensor is abnormal	1. Eliminate other problems and restart 2. Check the appearance of the sign machine for wear or damage and upgrade the latest version of the program
8	Print components, more than uplink	1. Abnormal transmission 2. Print component induction The device is abnormal	1. Eliminate other problems and restart 2. Check the appearance of the sign machine for wear or damage and upgrade the latest version of the program
10	Ribbon chip is abnormal	3. The chip is abnormally locked	1. Install the ribbon and install it in place 2. Replace the new

#### 4.1.3 Daily maintenance

(1) Clean or replace the cleaning roller regularly.

(2) Other parts that need to be cleaned

When using this sign machine, please note the following inspection and cleaning.

A place to clean	tool using	act on
rubber covered roller	cotton cloth	Remove the dust and oil from the rubber roller

print head	Cotton cloth, cotton ball, cleaning paper	Remove the dirt and be careful not to scratch the print head!
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**pay attention to**

Wipe the print head with a hard or cotton cloth with hard objects will scratch the print head. If the print head is scratched, it will seriously affect the printing effect, and the artificial damage is not covered by the warranty.