

A3 DTG PRINTER MANUAL



			
Two-way printing	8 color printing	Wide print range	High precision printing
			
Infrared height measurement	White and color at the same time	Batch printing	Height increase

1.Product Description

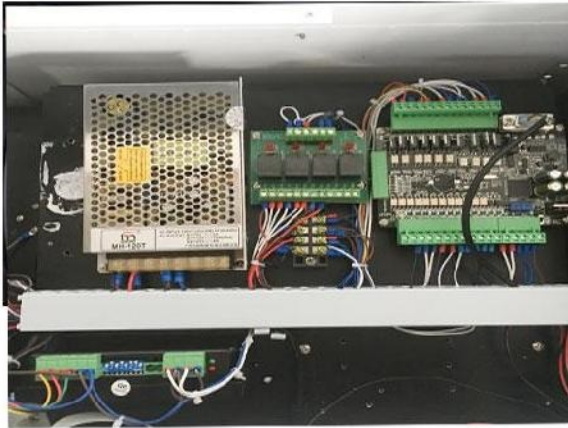
Type	A3 DTG	Print Resolution	5760x1440dpi
Print Head	EPSON DX5/F186000	Supply	AC100-230V
Print Size	A3 (310*420mm)	Power	250W/1.4A, standby 75W
Effective print size	A3(310*420mm)	Software	AcroRIP
Print Speed	A3(1440dpi/2min)	System	WindowXP、7、10、
Ink Consumption	1 m ³ /10ml	Colour Configuration	CMYK+www
Ink Supply Mode	CISS	Package Dimensions	76*74*69cm
Ink type	Textile ink	Dimensions	67*67*50cm
Print Height	0~130mm Infrared ray height measurement	Net weight/gross weight	55KG/82KG
Platform Adjustment	Touch screen+infrared ray height measurement	Ink Supply	250ml*8 continuous ink supply
Platform Drive	Stepping motor drive		
Ink filtration	Ink bottle and ink bag dual filtration		
Voltage/Plug	AC100~230V/choosing & matching according to the region		
Print Head Protection	Intelligent Infrared Anti-collision System and Anti-clogging of Maintenance Fluid for Ink Absorbing Pad		
Print Media	T-shirt, fabric, textile and so on		
Note	Flat-panel printer adopts stable platform technology and advanced stepper motor drive mode. It combines infrared meanwhile, positioning to meet long-term continuous work requirement. It has a wide print range and can print products within 130 mm height.		

(1) Product view and connection port

A. Product description



B. Detail of product



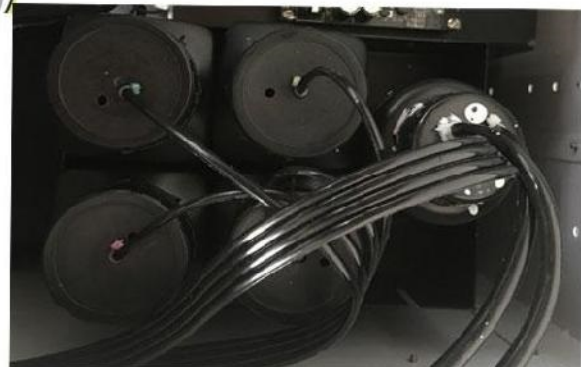
Motherboard and power

Epson print head



Automatic ARM processor

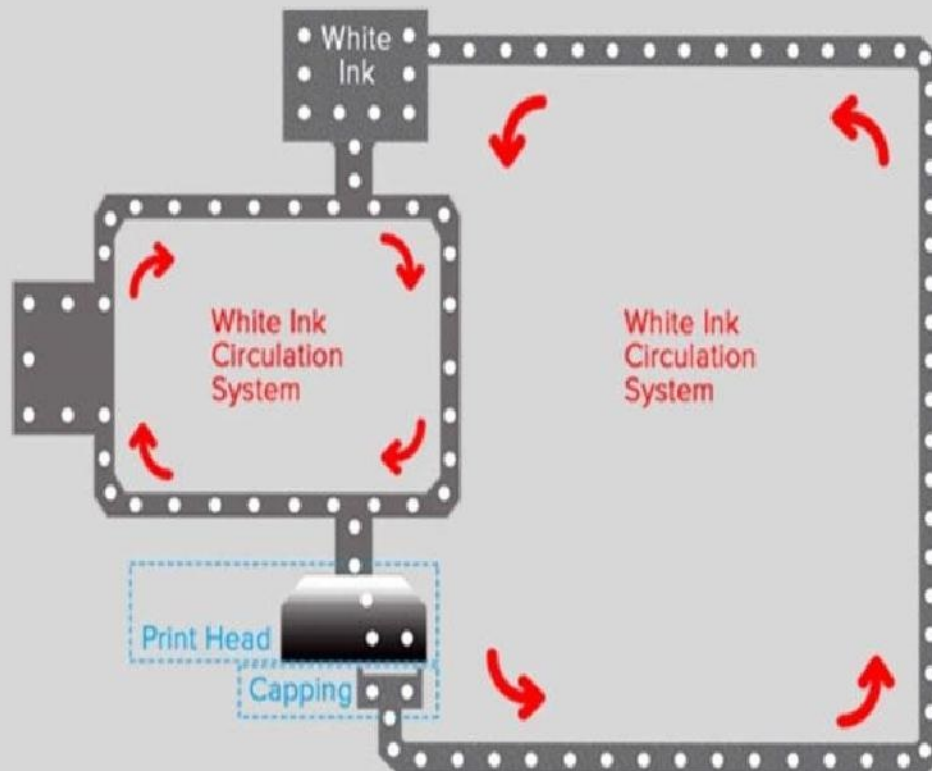
Ink system, 5 color ink cartridges, one waste ink recycling cartridge




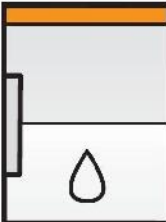
C. White ink double circulation system

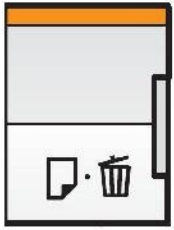
White Ink Double Circulation System

Protect the nozzle and avoid blockage effectively



(2) Button Illustration

Power Supply		Press this button to open and close the printer power
Ink		<p>Press this button to move the print head to the cartridge change location.</p> <p>When detecting the service life of the cartridge market, press this button to print the head to the ink check position.</p> <p>After changing the cartridge, press this button to return the print head to the initial position.</p> <p>When the ink indicator lights go out, press the button for 3 seconds to clean the print head.</p>

<p>Printing paper</p>		<p>Press this button to load or pop out the print paper. You can resume printing if you press this button when there is a lack of paper error or multiple page feed errors. Press this button when printing jobs to cancel the print.</p>
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(3) Touchscreen overview

(Machine Status Indication)

Indicate the general status of the machine

Online button :

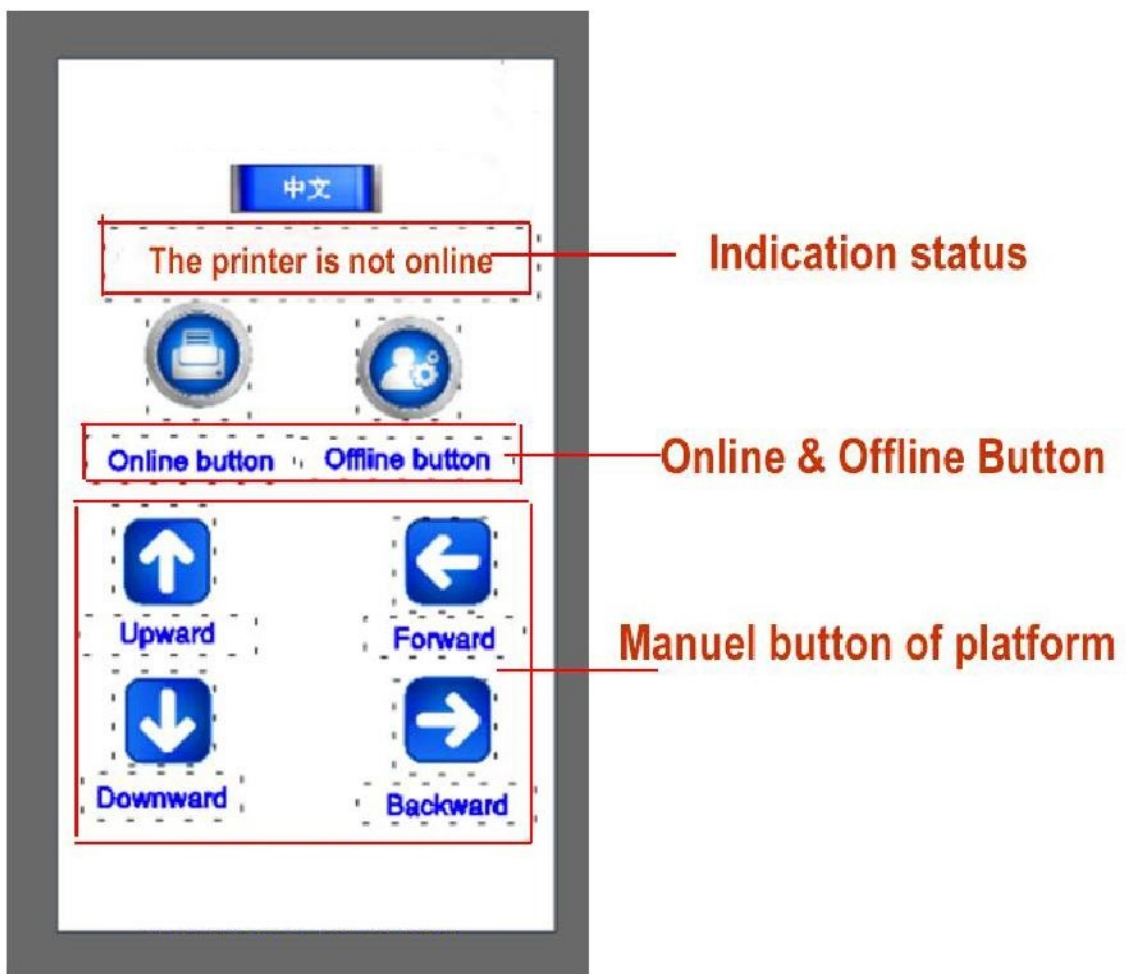
Click on the host platform to find the origin point to make the printer ready for printing.

Offline button :

Click to relieve print control to stop the platform from printing

Forward, Upwards, Downward, Backward :

Control platform to move forward,backward, upward and downward



2. Unpacking and Inspection

(1) steps:

- ① Prepare a screwdriver and open the button of the wooden box.
- ② Insert the power cord, turn on the "main power switch" and the "power switch in the printer control panel", and wait for the printer to finish self-inspection.
- ③ Click the "Online button" on the touch screen and wait for the indication of "Ready to print" .
- ④ Press the "print paper" button in the left printer button.
- ⑤ Platform pop-up, the whole open-box inspection is over

(2) Notes:

- ① When pressing the "Print Paper" button, you must ensure that the status of the touch screen display is "Ready to print", otherwise the platform can not pop up.
- ② Only one power-on inspection to be carried out.

3. Print Drive Installation

(1) steps:

- ① start The printer.
- ② connect the printer USB cable to the computer.
- ③ Double-click drive to start installation.

(2) Notes:

- ① Wait patiently during the installation of the drive. It is expected to last about 15 minutes.

4. Installation of AcroRIP Printing Software

(1) Step: Double-click the software to install.

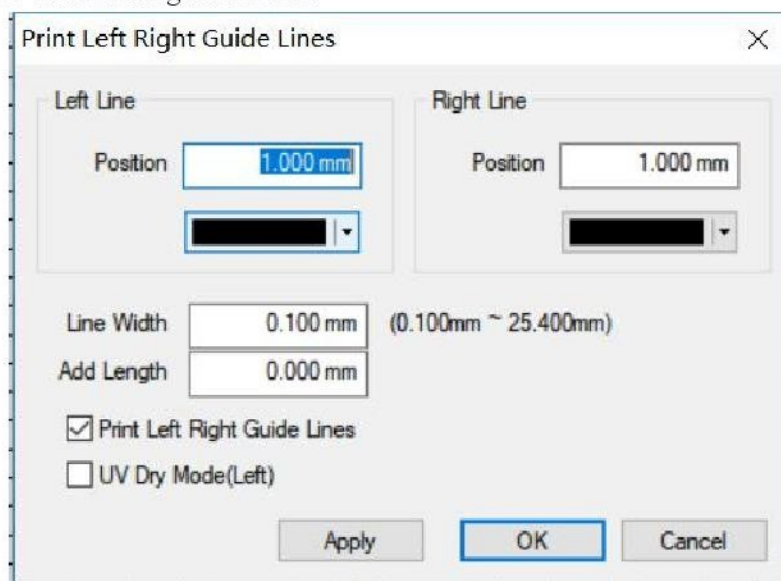
(2) Notes:

- ① The software is constantly updated, please consult the sales staff to install the latest software version.

5. AcroRIP Curve Setting and Left and Right Baseline Printing

(1) steps:

- ① Click "file" in the upper left corner of the software; select "Unit" and choose "mm".
- ② Click "file" in the top left corner of the software; select "print left right guide lines"
- ③ Set according to the following instructions



- ④ Curve settings (not required; see video for details)

(2) Notes:

- ① Language Conversion is located at the third option in the upper left corner of the software interface,

"language"

- ② The left and right datum lines must be set for printing, otherwise the left hand side will not print out.
- ③ Coverage must be used when curve folders are pasted to the software installation location.

6. Ink injection and sprinkler dredging

(1) steps:

- ① Place ink in equipment
- ② Pumping ink bag with needle tube; using vacuum to lead ink to ink bag.
- ③ Click on the top left corner of the software "file"; select "Head cleaning"; click on the confirmation to wash the nozzle with ink.
- ④ Pumping waste ink tube with needle tube (in the position of ink bottle)

(2) Notes:

- ① When taking the ink bag, hold the finger in front and back position. You can't squeeze it in the middle, otherwise ink will flow out.

7. Print test pages and positioning boxes

(1) steps:

- ① Lay a blank sheet of paper on the print plane; click the "Online button" button on the touch screen; wait for the touch screen to display "Ready to print".
- ② Click on the top left corner of the software "file"; select "Nozzle Check";
- ③ Observe whether the printed lines are complete or not; if not, proceed to step 6 again.

(2) Notes:

- ① The printer should be selected before printing.
- ② It is the normal phenomenon that The white and yellow of the test page are difficult to observe.

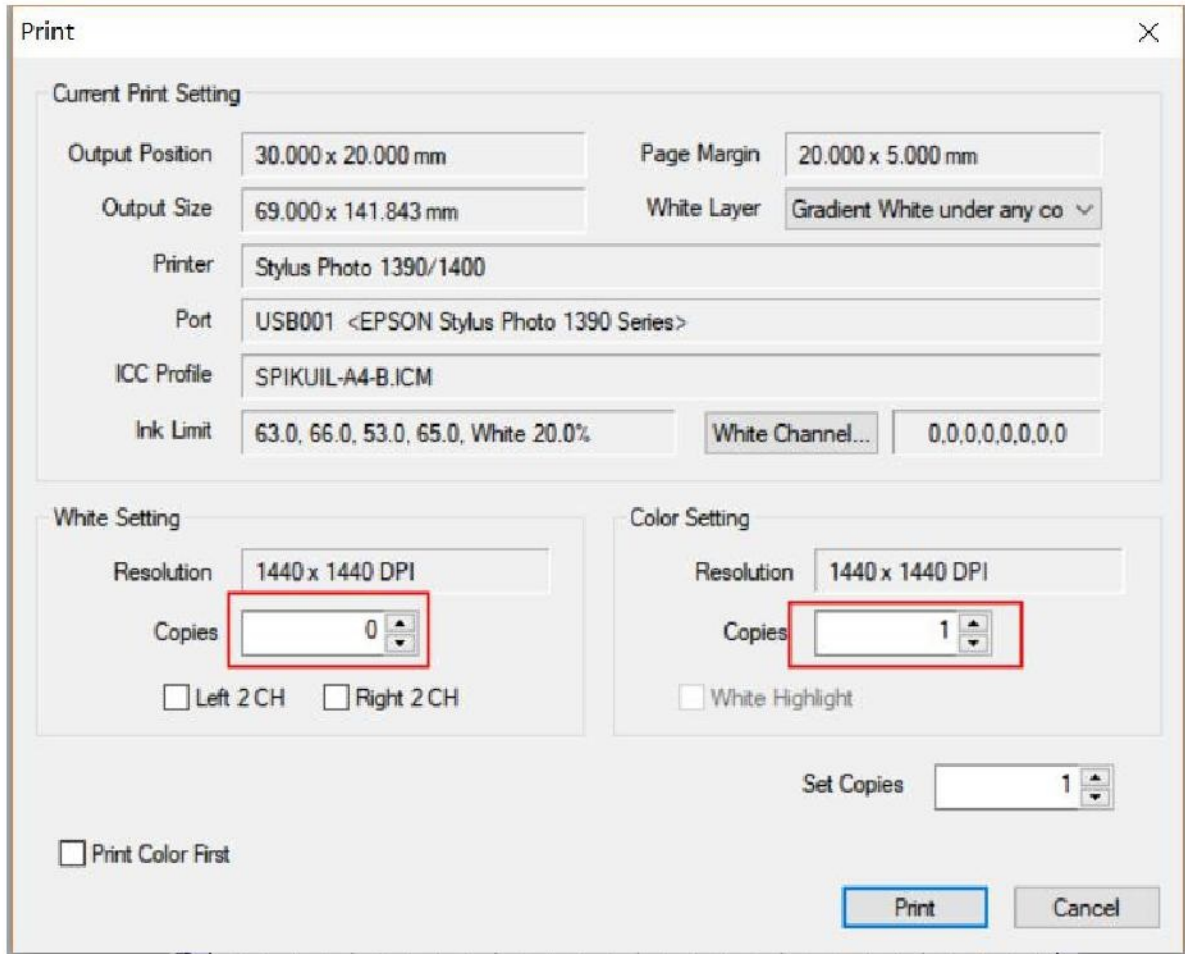
8. Printing task

(1) steps:

- ① Click on the top left corner of the software "file"; select "Open"; open the corresponding picture file.
- ② Setting up printing position and output pattern size

Output Position	
X	30.000
Y	20.000
Output Size	
Width	69.000
Height	141.843

- ③ Place the product on the flat surface; click the touch screen "online" button; wait for the touch screen to display "Ready to print"
- ④ Click on the top left corner of the software "file"; select "Print"; check the corresponding printing effect for printing.



9. Management and Maintenance

(1) sprinkler maintenance

The printer should be maintained after shutdown for more than three days in order to prolong the life of the sprinkler.

① When the printer starts self-checking, when the typewriter is in the middle position, the total power supply shall be disconnected.

② Manually move typewriter, add maintenance fluid to the empty position.

③ Pour in the maintenance fluid, merge it into the typewriter and move it back to its original position.

(2) As the ink cart moves, lubricating oil must be added to the guide rail of the ink cart every month to prevent the motor from overheating and slowing down.

(3) Replacement of cooling water

Cooling water should be refilled every month.

(4) The machine should be placed in a cool place to avoid direct sunlight.

(5) The ambient temperature of the machine should not be too high.

(6) Service life and preservation of ink

① Storage site requirements: ink must be placed in a cool, back lit place, preferably placed in the bottom of the warehouse, with glass or metal platforms is the best, height should not exceed 1 meter.

- ② Ink storage and packaging requirements: black opaque plastic bottles for outer packaging and cartons for outer packaging. At the same time, no other articles can be placed above the ink in order to avoid extrusion and damage.
- ③ Ink storage personnel requirements: only-staff, other people should not contact, because the ink has a certain corrosive, avoid dripping into the eyes, skin, if this situation occurs, immediately rinse with clean water.
- ④ Usage requirements of textile ink: ink should be used immediately after opening, and unused ink must be sealed immediately.