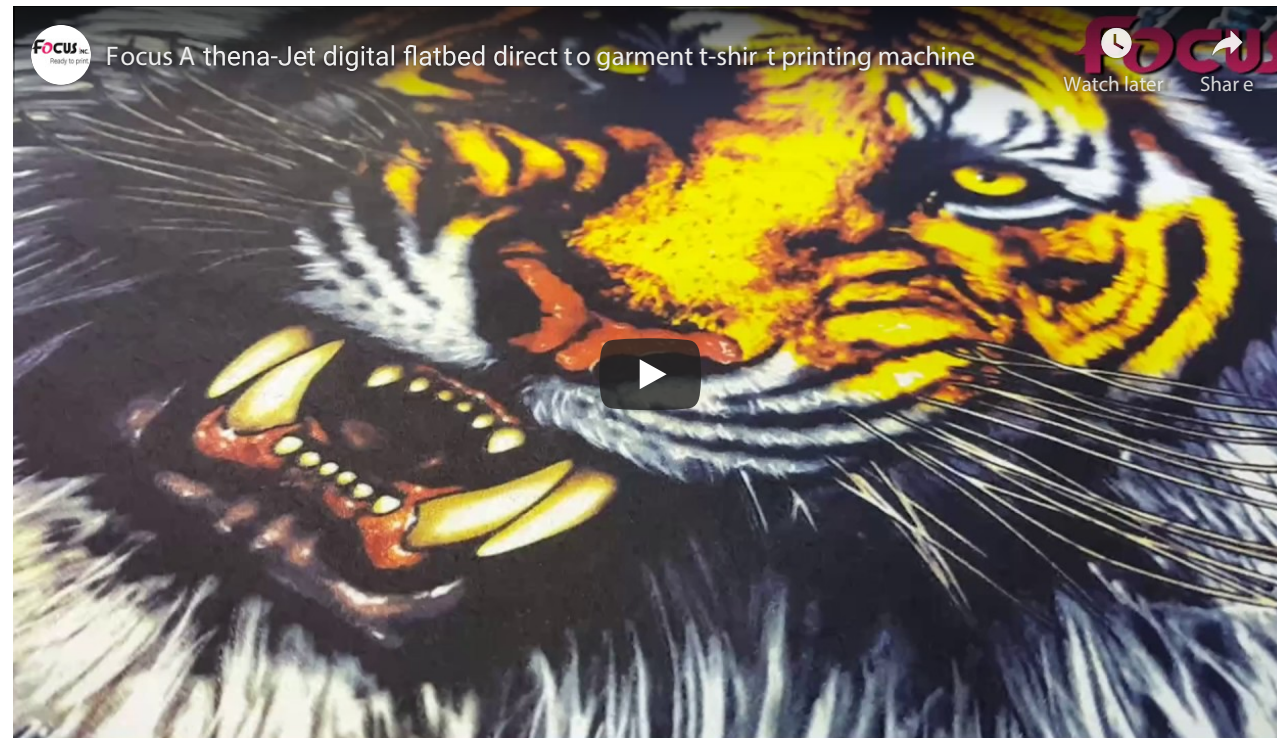


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<b>Focus Athena-jet direct to garment A2 t shirt printing machine</b>	
<b>Print head</b>	Double 5113 industrial print head
<b>Head technology</b>	Micro piezo direct inkjet technology
<b>Printing size</b>	25*30/35*40/40*50cm
<b>Printing color</b>	CMYK+CMYK/CMYK+White

<b>Max. printing resolution</b>	720*1800DPI /720*2400DPI/720*3600DPI
<b>Printing direction</b>	Bi-Dir ection/Unidir ection
<b>Printing speed</b>	1440DPI model: A3 size /75S
<b>Control pannel</b>	7 inch LED touch scr een
<b>Ink</b>	Pigment ink/eco solvent ink/edible ink
<b>Printhead protection</b>	Intelligent self pr otect system
<b>Power</b>	Oper ation po wer: 200W Standb y power: 50w
<b>Printing interface</b>	USB 2.0
<b>Operation system</b>	Windows95.98, NT , 2000, XP , 7
<b>Working evnironment</b>	10-35 C, 20-80% RH
<b>Printer/shipping size</b>	115*130*66cm/148*138*100cm
<b>N. weight/G. weight</b>	160/230K GS



#### Product Description

**Main Features of Athena Jet a2 direct to garment printing machine**

- 1) Double 5113 industrial printheads, fast speed , guarantee the effectiveness and quality of printing.
- 2) Support different sizes of printing on t-shirt: 25\*30cm ; 35\*40cm ; 40\*50CM .
- 3) Support printing on dark t shirts with high resolution.
- 4) Support printing on cotton T-shirts, Hats, canvas shoes, canvas bags etc.
- 5) 7 inch LED touch screen , so easy to operate!

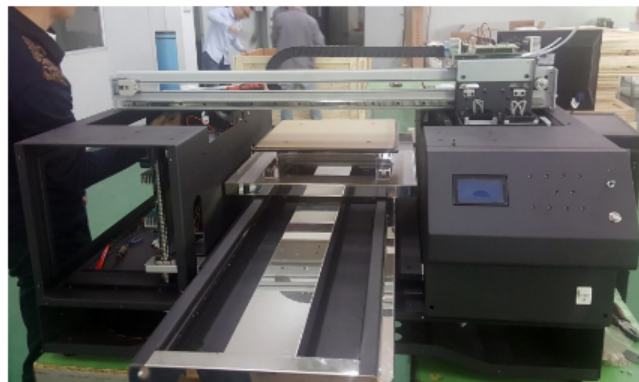
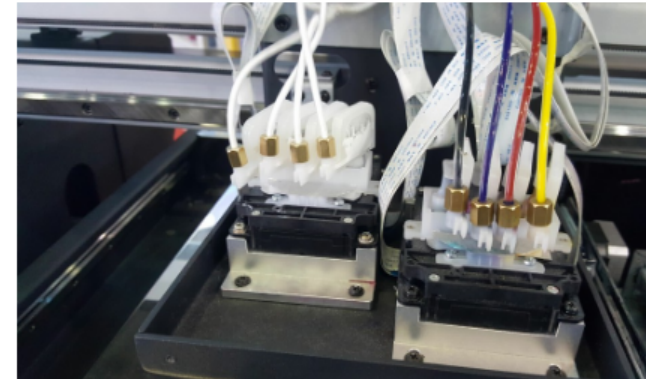


1. Newest fantastic ergonomic design with streamlining style for dtg printer.
2. High temperature oxidation treatment of paint, prevent color off and anti-scratch.

3. Double industrial 5113 print head

1.5 times fast than normal DX5 print head

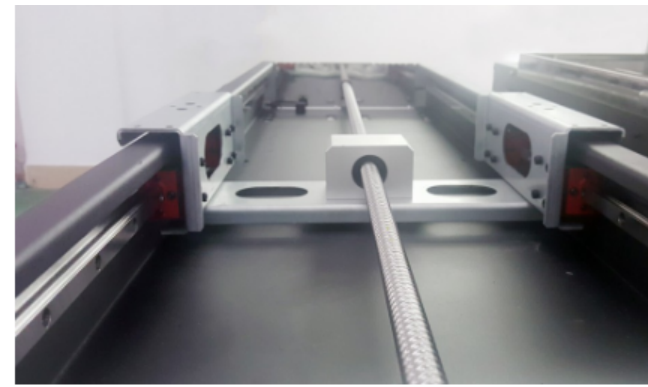
Can print by CMYK+CMYK or CMYK+WWWW with good dtg printing quality



4. Strong mechanical making, 5mm thickness metal frame, 20mm thickness aluminium plate flatbed, all mechanical spareparts made from high quality aluminium for dtg printer, insure all parts working stable without distortion and flatbed moving without shake and excursion after longtime working.

5. Grinding treated ball screw guide rail go with dual cylindrical rail for Y axis motion. Driver the flatbed motion with high precision.

6. Servo motor with adjustable driver can let the Y axis flatbed moving get precision by 0.01mm. Compare with the step motor, the servo motor can achieve the recycle motion diagnose. It can make the printing very stable and got higher resolution printing. even 5# words can be printed out clearly.

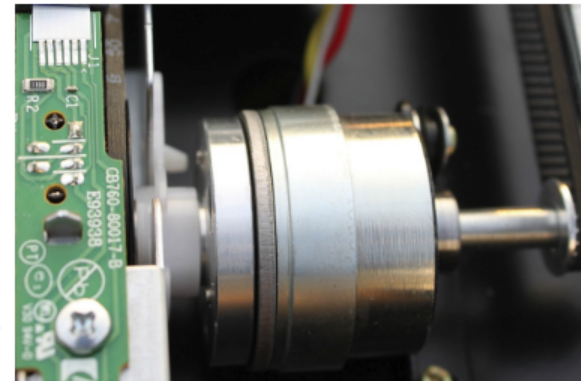


7. Four pieces T type screw guide go with copper nut. make the Z axis motion stable to achieve the printing flatbed surface level on any position.

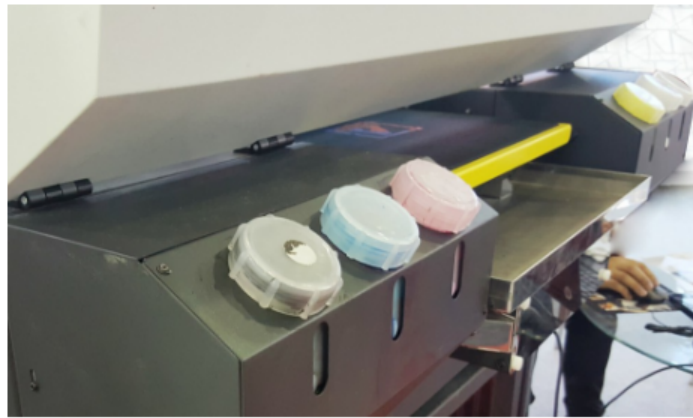
8. Focus A2 Size Athena Jet dtg printer tshirt dtg garment printing machine, High density touch screen panel can control the flatbed X, Y, Z axis motion, online/offline easier

9. Newest bulk bottle ink supply system for this direct to garment printer, no need to change the ink cartridge any more, just change the ink bottle when replace the ink and refill the ink

10. Focus newest WIPS white ink processing system also created for direct to garment printer, digital apparel printer, digital t-shirt printer to print with white ink to dark media, it is a good solution for titanium white ink settling and head clog, there are include White Ink Shaking System, White Ink Circulation System, One Step Flushing System. The shaking speed, shaking time, circulation flow rate, circulation time are also adjustable.

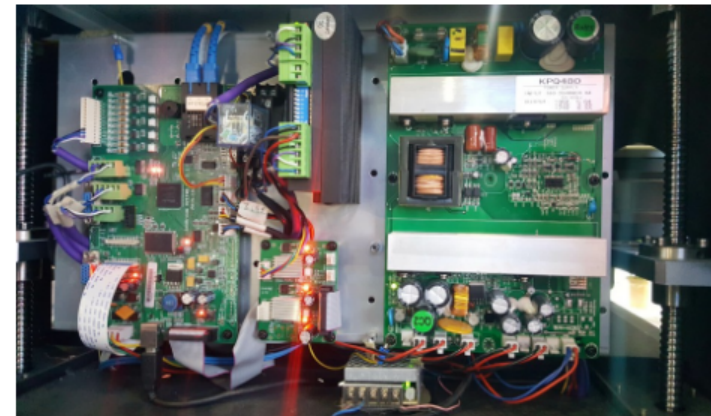






11. The high quality degassing valve added ahead the ink damper can remove the air bubbles from the ink to avoid printing lack of ink and pass line, White ink circulation directly outlet to the sub ink tank and ink damper can reduce white ink settling during ink damper and ink tube also, it can prevent printing ink clog and lack ink printing to improve the printing quality and save lots of ink for head cleaning.

12. Industrial PLC control system is the heart of Focus A2 Size Athena Jet printer tshirt dtg printer garment printing machine, Before we use the single chip control system, so if any problem will cause the print error, now we use the PLC control system, It is a special alone control center, can dispatch all the working command to different electronic parts separately of the t-shirt printer , and get worked information back.



### Complete technical support videos

More than 20 technical support videos will be sent to you along with the machine, which includes the machine installation, software instructions, trouble shooting and so on. These videos will be a good guide for you in using this machine.



(1)Athena-jet spare parts instruction



(2) PT system installation



(3) Software installation



(4) Gear Ratio calibration



(5) Print head installation



(6) Install the ink damper



(7) Fill the ink



(8) Adjust the cap station



(9) Software explanation



(10) Load ink to print head



(11) Normal head cleaning



(12) Nozzle check printing



(13) Vertical calibration



(14) Step calibration



(15) Bi-direction calibration



(16) Embossed job process from photoshop



(17) Embossed job process from photoshop1



(18) Printing with flatbed



(19) Prepare Print with rotary device



(20) Printing with rotary device



( 21 ) Clean cap station



( 22 ) Keep wet print head

Printing Sample

These Sample were printed by focus Athena-Jet DTG t shirt printer with white and color one pass printing, good white ink density and color ink redition effect.













