

ERICK

DIGITAL PRINTER



A professional manufacturer engaging in the design, technical development, producing and sales in digital printing field, especially UV flatbed printer and DTG printer.

CONTENT



Main Feature



Specification



Application



Advantages

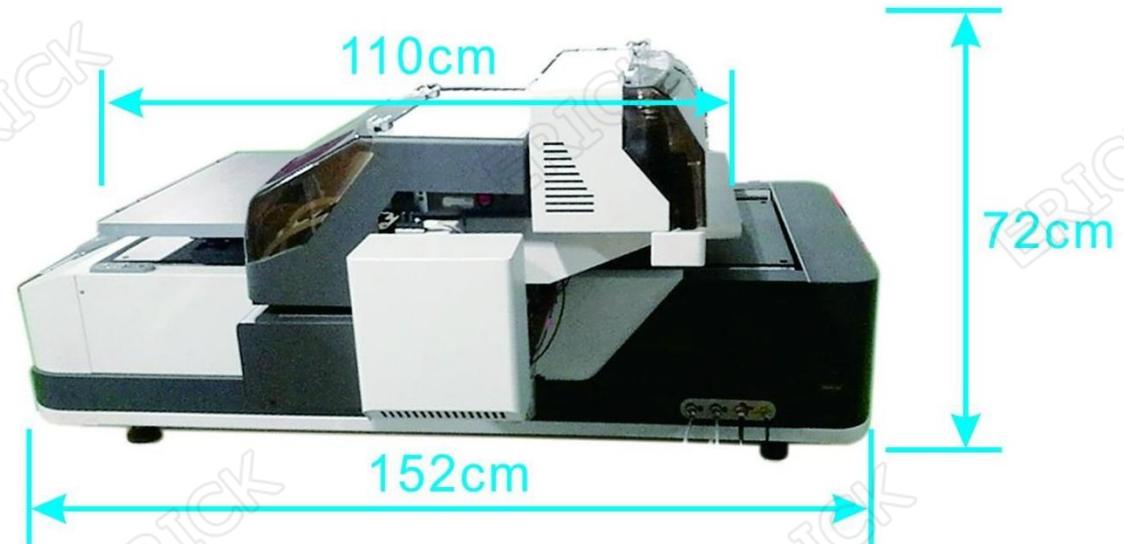


FAQ



Package

Dimension of Machine



Details Parts

Drag Chain



Spray Tank



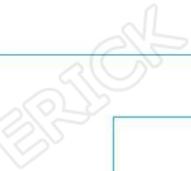
Suction Platform



Anti-Static Bar



HIWIN Linear Guide Rail



Control Panel



Mute Belt

Head Carriage

Ink Carriage



Cap Station



Ink Heating System



Internet Port

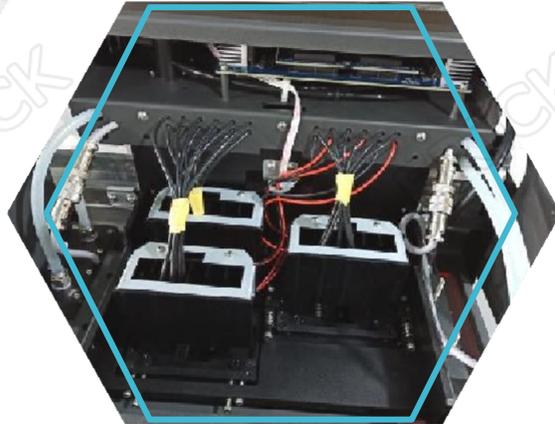


Main Feature 1



● Capping Station

Advanced auto up & down capping station to ensure the cap and carriage connected perfect



● Ink System

With white ink stirring & circulating & heating system to avoid ink precipitation and make sure the printing more fluent & smooth.



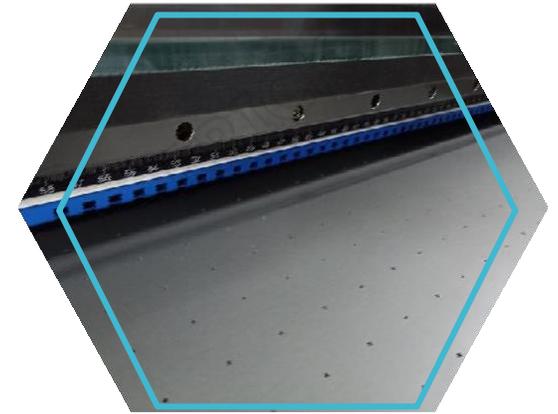
● Printing Color

Support CMYKLcLm+W+V printing at same time with fast speed

Main Feature 2

- **Ink Spraying Cleaning System**

The ink spraying cleaning system to avoid inks spray onto the printing during working



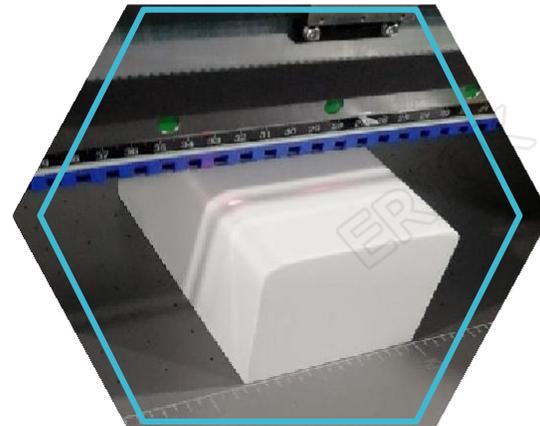
- **Anti-static System**

Anti-static system to ensure the high quality printing



- **Detection System**

Auto detection system can detect the media height



Main Feature-03



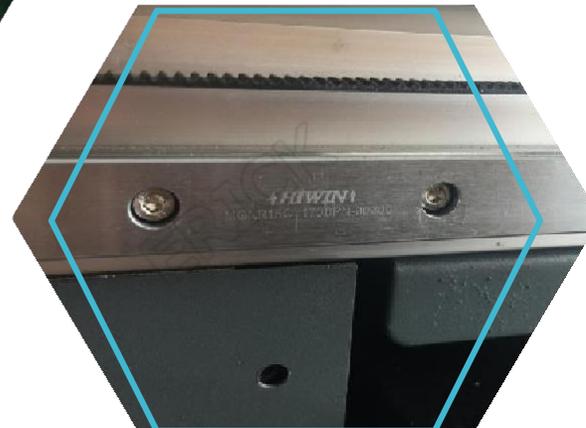
● Internet Port

We Adopt the gigabit data transmission port instead of USB port to ensure the fast and stable transfer for big files



● Water Cooling System

Water cooling (water circulation) system can more efficiently cool down UV LED light, in order to prolong its lifetime.



● Guide Rail

Taiwan HIWIN square guide rail, stable quality and high precision

PART II -- Specification

Model	UV 6090	Print head	3PCS Epson XP600
Ink type	UV Ink	Print size	600mm x 900mm
RIP Software	RIPrint / Photoprint	Printing thickness	0mm-130mm
Printing speed	6pass 4m ²	Color	(3 heads)CMYKLcLm+W+V (4 heads)Dual CMYKLcLm+W
	8pass 3m ²		
	12 pass 2m ²		
Voltage	110V-220V 50-60HZ	Power	750W
Image format	JPG、TIFF、PDFetc.	Operating environment	Temperature:10-35°C 20-80RH
Max Resolution	720x1440DPI	Gross weight	250KG
Print material	Glass, Plastic,Acrylic Metal, Wood, etc.	Dimension	1520mm x1650mm x 720mm

PART 03

Application



Application Industry

Applicable Material:

TODOjet UV Printer almost can print any materials , such as hard card, organic board, metal, glass, crystal, ceramic, acrylic, phone case, boxes, films,PVC, PU, leather, silicone rubber,wood, plastic, stone, leather, ABS, PC, coated paper, ceramics, aluminum, copper and so on

Some materials need pre-coating before printing Like metal, glass, crystal, ceramic, acrylic, wooden



Application field:

Decoration field , Advertising field , Sign field , Personalized gift , etc.

Application 1

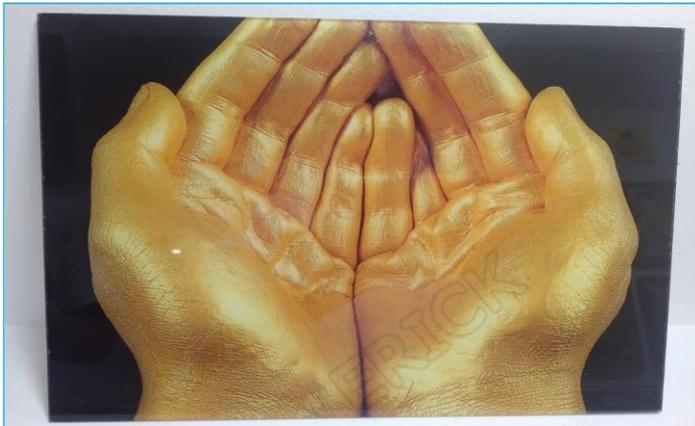
Some printing samples as below:



Comb



Wood



KT
Board



Photo
Album

Application 2

Some printing samples as below:

Shoe Sole



Metal Plate



Cosmetic



Pen



Application 3

Some printing samples as below:



Power Supply



Application 4

Some printing samples as below:



Note Book



Wood



Mirror



Embossed Effect

PART 04

Advantages



PART 04 -- Advantages

Compare with Heat Transfer



1. Technology:

Heat transfer printer needs to print on the transfer film first, then heat transfer on the object; Erick UV flatbed printer can print on the media directly.

2. Advantage:

UV printer is more simple, easier to operate, lower consumption and better printing effect than heat transfer.

3. Application:

UV flatbed printer can print any materials. No limited by the print materials.

PART 04 -- Advantages

Compare with Screening Printing



1. Cost

UV flatbed printers can print directly and at a lower cost, also no need filmmaking.

2. Process

UV flatbed printer is more simple to operate than screen printing.

3. Printing Effect

The pattern printed by the UV flatbed printer is more waterproof and scratch-resistant than screen printing.

4. Environmental Protection

UV flatbed printer adopts a new type of UV ink, which is more environment friendly and has minimal harm to the operator and the environment.

PART 05

FAQ



FAQ 1



Q1: What's the printing cost?

1. Let's take one A4 size (21*29.7cm) full coverage area printing as an example.

UV ink price is 80 EUR/L. One square meter full color printing consumes 12~15ml which costs 1,20-1,50EUR. One square meter size is equivalent to 16 pieces of A4 sizes.

The cost for printing one A4 size area is $1,50 \text{ EUR} / 16 = 0,0938 \text{ EUR}$.

2. If you print one Apple8 phone case, Apple8 phone case size: $6.73\text{cm} * 13.8\text{cm} = 93\text{square centimeters}$.

The cost is (1 square meter=10000square centimeter) $10000/93=107$, $1,50/107=0,014 \text{ EUR}$ (1,4 cent)



Q2: What's the printing speed?

Normal printing speed with CMYKLcLm+W+V as below:

6pass 360*1080dpi 4sqm/h

8pass 720*720dpi 3sqm/h

12pass 720*1080dpi 2sqm/h

If you do CMYKCM+W+V or 3 heads CMYK or 2heads CMYK+2 heads White, the speed will be faster.

FAQ 2



Q3: What about the after-sales service?

1. We offer all related manuals and installation videos;
2. We offer technical support in Baltic counties (Lithuania, Latvia, Estonia);



Q4: What about the warranty?

Before we send the printer to our customers, we have a strict QC. Factory provide one year warranty: any parts (except consumables like print head, ink pump and ink cartridges) problem on normal use, will be provided new one during the warranty period.

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THANKS

Contact:

Mindaugas Bačiulis

+370 616 20050 Mindaugas.baciulis@bmk.lt

Technical Support:

+370 521 26188 servisas@bmk.lt

