

locor 乐彩®



**Easyjet series Piezoelectric printer**

Locor • Touch your heart

ZHENGZHOU LECAI SCIENCE AND TECHNOLOGY CO.,LTD

## Specification:

Model	Easyjet-1602	Easyjet-1601	
<b>Print Technology</b>			
Printhead Type	Epson DX5 / DX7 / DX11 / 4720	Epson DX5 / DX7 / DX11 / 4720	
Printhead Number	Two	One	
Print Resolution	360*1440 dpi, 360*2160 dpi, 360*2880 dpi	360*1440 dpi, 360*2160 dpi, 360*2880 dpi	
Printhead height	2mm-3mm	2mm-3mm	
Cleaning	Automatically cleaning,Flash , Moisturized	Automatically cleaning,Flash , Moisturized	
<b>Print speed</b>			
Different modes	Production 4Pass	39 m <sup>2</sup> /h	20.76 m <sup>2</sup> /h
	Precision 6Pass	24 m <sup>2</sup> /h	12.66 m <sup>2</sup> /h
	High quality 8Pass	20.2 m <sup>2</sup> /h	10.59 m <sup>2</sup> /h
<b>Ink system</b>			
Ink	Type	Eco solvent ink / Water based ink / dye sublimation ink	Eco solvent ink / Water based ink / dye sublimation ink
	Color	Four color (C/M/Y/K)	Four color (C/M/Y/K)
	Ink tank capacity	1500 ml/Color	1500 ml/Color
	Supply	Negative pressure CISS Bulk ink	Negative pressure CISS Bulk ink
<b>Media</b>			
Printing width	1600 mm	1600 mm	
Media Type	PhotoPaper, Cavas, Car sticker,Reflecting materials, PVC film, Sublimation paper	PhotoPaper, Cavas, Car sticker,Reflecting materials, PVC film, Sublimation paper	
Max weight	40 Kg	40 Kg	
<b>Disposition</b>			
Take up	Standard	Standard	
Heating system	Front / Middle / Back heating, controlled by smart board	Front / Middle / Back heating, controlled by smart board	
External Dryer	Synchronous dry fans	Synchronous dry fans	
<b>Operation</b>			
Language	English/Chinese	English/Chinese	
PC System	Windows XP/Win 7	Windows XP/Win 7	
Environment	Temperature: 18-25°C Humidity: 35-65% RH	Temperature: 18-25°C Humidity: 35-65% RH	
<b>Printing</b>			
Interface	1000M Network	1000M Network	
RIP	Maintop/Photoprint/Wasatch	Maintop/Photoprint/Wasatch	
<b>More</b>			
Power supply	AC-220V,50Hz/60Hz	AC-220V,50Hz/60Hz	
Power (W)	Min: 32W, Max:2300W	Min: 32W, Max:2300W	
Noises	Min < 32db; Max < = 65db	Min < 32db; Max < =65db	
Machine size (LxWxH)	2380mm x 730mm x 1475mm ( LxWxH )	2380mm x 730mm x 1475mm ( LxWxH )	
N.W (kg)	170 Kg	165 Kg	
Packing size (LxWxH)	2445mm x 750mm x 625mm ( LxWxH )	2445mm x 750mm x 625mm ( LxWxH )	
G.W (kg)	220 Kg	215 Kg	

## ZHENGZHOU LECAI SCIENCE AND TECHNOLOGY CO., LTD

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## Printhead Introduction

### Epson printhead

Easyjet-1602 with two heads ; Easyjet-1601 with one head.

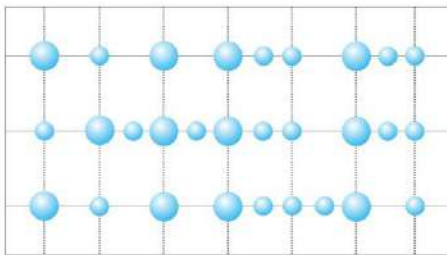
- ▶ 180 nozzles per color, resolution 360\*2880dpi;
- ▶ Higher speed and stable.
- ▶ Adopt 12FULL smartly printing technolog.
- ▶ Ink droplet changing technology.



## Color gradient performance well

### Ink droplet volume changing from 1.5pl to 5pl:

Double 4 colors printing, 3 kinds of volume ink droplets(Big, middle, small) jetting alternately, minium droplets 1.5pl, image performance well, without any pellet feeling.



### Greyscale level print technology :

Greyscale level print technolgy can achieve better colors, smoother gradient effect, and clear letters/lines and complex details without decreasing print speed.

## Application Field Introduce

### Indoor and outdoor poster

【Media : Photopaper, PP, Car Sticker, cold lamination film, Indoor Vinyl paper , etc】



### Wallpaper making & Decorative Painting

【Media : wallpaper base material & oil canvas, non-woven fabric, etc】



### Sublimation Transfer

【 Media Heat-transfer paper,etc 】



## Three-stage heating synchronous control printing platform

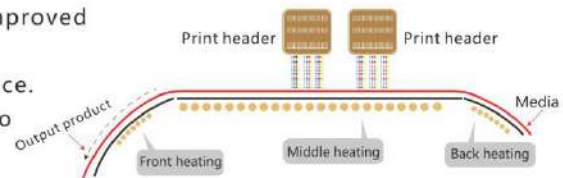
### Three-area heating system

Automatically heat inks to target temperature, improved inks stainability and stability.

Back heater: Before printing, heat media in advance.

Middle header : Platform heater:Heating media to improve inks stainability.

Front heater : After printing, drying process.

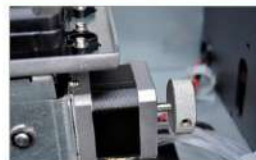


## Higher precision at mechanical design



#### 1. Lifting capping station

Capping go up and down with a guide rail, better to capping head.



#### 2. Manul adjustment

Capping station could be adjustable by manual under the status of without power supply.



#### 3. Media detector

When media is going to use up, system could pause printing job.



#### 4. Media touching switch

When carriage touch the media, switches could be on, and system emergency stop printing.



#### 5. Printhead height adjustment

You can adjust the height between head plate and media by manual.



#### 6. Platform adjustable

Platform horizontal level could be adjustable.



#### 7. External fans and heater

One external heater and dryer fans was integrated in one part.



#### 8. Heating control board

Front / middle / back heating could be controlled by a smart board.



#### 9. Collision capping station

Single head machine adopt collision capping station.



#### 10. Subtank

Ink supply system, standard ink level could be kept, and better ink flowing.

## Computer Configuration Requirement :



### Win7 32 byte/64 byte operation System

(Win7 32-bit or less system needs Pre-installed .net4.0)

CPU:Core i3 at least

Memory:4G at least

Hard disk:120G fast(7200 PRM)

Monitor:17 inch flat panel display , true color display card , support resolution above 1024X768.