

**Mimage** 密码柯



## M16S Large Format Printer

New Design New Height

ZHENGZHOU HONGCAI DIGITAL TECHNOLOGY CO.,LTD.



## Specification:

Model		M16S	
<b>Print Technology</b>			
Printhead Type	XP600/DX5*2 pcs	XP600/DX5*1 pcs	
Printhead Number	Two	One	
Print Resolution	1080/1440 dpi	1080/1440 dpi	
Printhead height	2-3mm adjustable between print head and media		
Cleaning	Auto flash spray cleaning	Auto flash spray cleaning	
<b>Print speed</b>			
Different modes	Production 4Pass	35 m <sup>2</sup> /h	15.9 m <sup>2</sup> /h
	Precision 6Pass	28 m <sup>2</sup> /h	12.3 m <sup>2</sup> /h
<b>Ink system</b>			
Ink	Ink Type	Eco solvent ink / Water based ink / sublimation ink	Eco solvent ink / Water based ink / sublimation ink
	Color	Four color (C/M/Y/K)	Four color (C/M/Y/K)
	Ink Tank Volume	1500ml for each color	1500ml for each color
	Supply Type	Negative pressure CISS	Negative pressure CISS
<b>Media</b>			
Printing width	1650 mm	1650 mm	
Media Type	Flex banner, vinyl(sticker), pp paper, reflective film, canvas, wallpaper, leather, sublimation paper		
Max weight	Max 40 Kg	Max 40 Kg	
Feeding and Take-up System	Auto roll to roll	Auto roll to roll	
<b>Heating and drying</b>			
Heating system	Inside automatic smart micro control heating system		
Drying system	Infrared heating system with fans	Infrared heating system with fans	
<b>Printing</b>			
Language	English/Chinese	English/Chinese	
PC System	WinXP/Win7,32/64Bit	WinXP/Win7,32/64Bit	
Environment	Temperature: 18-25°C Humidity: 35-65% RH	Temperature: 18-25°C Humidity: 35-65% RH	
ICC color files	Standard	Standard	
Interface	1000M Network Port	1000M Network Port	
RIP	Maintop(Optional: Photoprint/Onyx)	Maintop(Optional: Photoprint/Onyx)	
<b>More</b>			
Power supply	AC:220V/110V, 50HZ / 60HZ	AC:220V/110V, 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)	200 Kg	200 Kg	
Packing size (LxWxH)	2445mm x 750mm x 625mm ( LxWxH )	2445mm x 750mm x 625mm ( LxWxH )	
G.W (kg)	240 Kg	240Kg	

## ZHENGZHOU HONGCAI DIGITAL TECHNOLOGY CO.,LTD.

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## Printhead Introduction

### Epson printhead

M165 with one XP600 (Optional:DX5) head (with two heads optional)

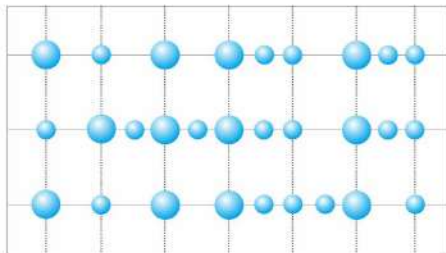
- ▶ Max resolution 1080/1440 dpi;
- ▶ Higher speed and stable.
- ▶ Adopt 12FULL smartly printing technolog.
- ▶ Ink droplet changing technology.



## 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】



Graphic design



Print out



Outdoor display

### Wallpaper making & Decorative Painting

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



Graphic design



Print out



Outdoor display

### Sublimation Transfer

【 Media:Heat-transfer paper,etc 】



Graphic design



Print out



Heat Transfer



Curtain products



Mouse pad finished product



Pillow product



## Three-stage heating synchronous control printing platform

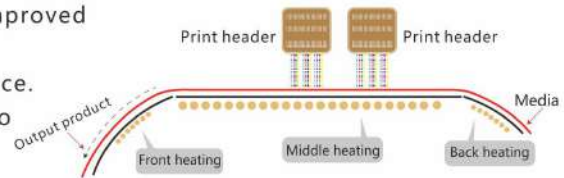
### True Three-area Heating System

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. New designed cap station**  
adopts straight arrangement design,largely reduce cap station area and weight,increase print speed highly;



**2. High quality board system**  
High quality and unlocked motherboard ensure stable printing and long life span;



**3. Original leadshine motor**  
Original leadshine brushless motor ensures continuous and stable printing for long working time;



**4. Media detector**  
When media is going to use up, system could pause printing job;



**5. Printhead height adjustment**  
You can adjust the height between head plate and media by manual.



**6. Standard infrared drying system with fans**  
Improve printing and drying efficiency largely ;



**7. Good designed platform**  
Anti-static platform design ensures that the paper feeding is straight and smooth;



**8.Manul adjustment**  
Capping station could be adjustable by manual under the status of without power supply;



**9. Media touching switch**  
When carriage touch the media, switches could be on, and system emergency stop printing.



**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.