SabineColors

Silk Screen Inks
Product Information

Support MicroPiezoelectric DX5 DX7 Print-head Mesent Completely
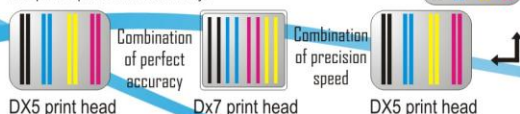
High-precision High-precision Color Perfect Gradient Colors

ML-130S

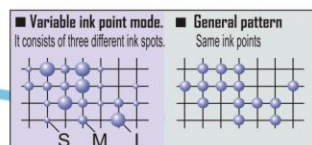## Technology of the fifth print head

Using Variable–Sized Droplet Technology (VSDT), Using 2–bit files while doing RIP treatment. Change the size of droplet according to the image changes in real time and using the bigger droplets to print solid area, the smaller droplets is used to express fine gradation of tones and details. VSDT provides a perfect balance between speed and the quality of image to enhance the print speed and accuracy.

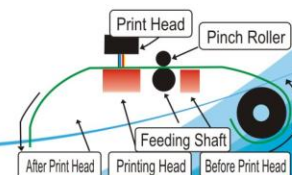| DX5 print head | Combination of perfect accuracy | Dx7 print head | Combination of precision speed | DX5 print head |

Epoch–making outstanding printing

● High Precision inkjet:The highest precision is 1440dpi and the variable dot technology.

High quality printing is made of three different sizes of ink dots . Even in the four–color mode, it also can present a very good quality.

■ **Variable ink point mode.** It consists of three different ink spots.
■ **General pattern** Same ink points

S M L

Three–stage heating system

The printer outdoor solvent series equipment has before printing,printing and after printing automatic intelligent heating system.controls the temperature precisely and the temperature rise quickly and controlled in 30–50 ℃. The ink and media combines fully and the bright colors of the ink shows completely.

Print Head — Pinch Roller
Feeding Shaft
After Print Head | Printing Head | Before Print Head

Product Features

1、 The highest precision is1440dpi and the variable dot technology.
   High quality printing is made of three different sizes of ink dots . Even in the four–color mode,it also can present a very good quality.
2、 Automatic test paper, automatic cutting : using the patten sensor measure can measure the media position effectively、 set the starting point automatic ally and cutting automatically.
3、 Supports color CAD output directly , customers can have color image output device while they already have a indoor and outdoor photo output devices , it's good for enterprise to propagate.
4、 Automatic seamless mosaic: completely realize the fixed automatic screen printing and the mosaic picture of the wireless length.
5、 Three–stage heating system : Before printing, printing and after printing. the three–stage automatic intelligent heating system, control temperature precisely、 The ink and media combines fully and the bright colors of the ink is shows completely.
6、 The outing ink concentration:the user can adjust the concentration based on the variety of ink according to the characteristics of the machine environment to prevent the ink from causing the ink break.
7、 Maintenance Station : streamlining follower lift maintenance station structure fully reflects the high sealing , corrosion resistance, so that the nozzle is always in good condition.
8、 Brushless DC motor : brushless DC motor drive the car and at the same time keep high–precision printing reflect long motor life , the motor system is more stable and durable.
9、 Induction and paper system: realized the customers' large material output or select more types of media, the stability and precision of paper printing.

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ML-130S

Item Model	Specifications		
	ML-90HS	**ML-90IS**	**ML-130S**
Print Head	Piezo Technology, Epson DX5 Dx7 Print head (180 nozzles x 8 lines) x 1 pcs	Piezo Technology, Epson DX5 Dx7 Print head (180 nozzles x 8 lines) x 1 pcs	Piezo Technology, Epson DX5 Dx7 Print head (180 nozzles x 8 lines) x 1 pcs
Print Resolution	450dpi -540dpi - 600dpi - 720dpi - 1080dpi - 1440dpi		
Ink — Color	2 x 4 C.M.Y.K	2 x 4 C.M.Y.K	2 x 4 C.M.Y.K
Ink — Sort	Water Based ink / Echo Solvent ink	Water Based ink / Echo Solvent ink	Water Based ink / Echo Solvent ink
Ink — Ink Supply System	CISS Ink Supply System	CISS Ink Supply System	CISS Ink Supply System
Print Speed — Draft	3 1 m² / H	3 3 m² / H	2 9 m² / H
Print Speed — Text	2 4 m² / H	2 6 m² / H	2 2 m² / H
Print Speed — Picture	1 6 m² / H	1 8 m² / H	1 4 m² / H
Print Speed — Photo	1 0 m² / H	1 2 m² / H	8 m² / H
Media — Size	1 5 2 0 m m	1 8 3 0 m m	1 3 0 0 m m
Media — Type	Inside: PP Synthetic Paper, Vinyl Sheet, Film, Gloss Photo Paper, Coated Paper, Canvas, Parchment Paper		
Media — Type	Outdoor: Stickers Vinyl, Light cloth, Leather, Canvas, Wall paper, Outdoor Coated Paper, Outdoor PP		
Media — Transfer	Inside: Automatic damping send cloth system		
Media — Transfer	Outdoor: Induction tension retractable paper system		
Media Cutting	Auto / Manual Cut	Auto / Manual Cut	Auto / Manual Cut
Media Heater	Pre print / Post heater	Pre print / Post heater	Pre print / Post heater
USB Transfer Interface	USB2.0 High-speed	USB2.0 High-speed	USB2.0 High-speed
Power	AC 110V (± 10%) 50/60Hz AC 110V (± 10%) 50/60Hz		
Operation Environment	(Temperature) : 15°c ~25°c, (Humidity) : 35%RH ~ 65%RH		
Dimension (WxDxH)	2430mm x 650mm x 560mm	2670mm x 650mm x 570mm	2100mm x 650mm x 510mm
Weight	145kg	165kg	117kg

$$c_2 = 2 \times 4\ C.M.Y.K$$

Brush less DC Motor

Automatic Cutter

Streamline Follower Lift Maintenance Station

Tension Induced Folding Paper System