

Ultimate High-Speed Mild Solvent Printer



Perfect balance between
high-speed printing
and excellent image quality

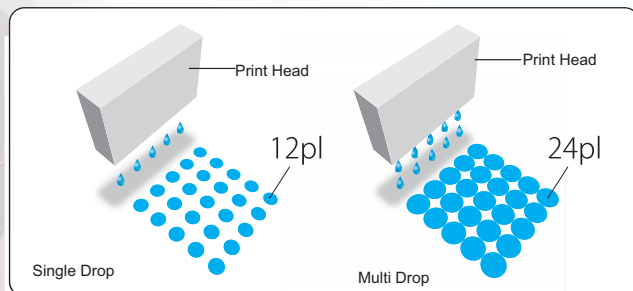
- 8-color ink set (C, M, Y, K, Lc, Lm, Gray & Light Gray) provides smooth gradations and great image quality.
- 4-color configuration boosts printing speed to 100 sqm/h keeping excellent print density.
- Newly developed high-frequency inkjet head with multi-drop technology allows extremely high-speed printing.
- Smart Pass Technology optimizes pass-to-pass dot placement for smooth spot colors and gradients.
- Combination of automatic print head height adjustment and selectable pinch roller pressure ensures optimum printing quality for various types of media.
- Large 1.5 liter ink reservoir and sub tank system for each color allows round-the-clock printing.
- Mesh media printing option expands the types of products you can create.
- Support of bulk media rolls with weights up to 120 kg.

SPEED

High-Frequency Print Heads With Multi-Drop Technology

Banner (Draft 1 Mode)	4-color	100m ² /h
	8-color	50m ² /h
PVC (Normal 1 Mode)	4-color	60m ² /h
	8-color	30m ² /h

Using ColorPainter H-104s EGO GX ink

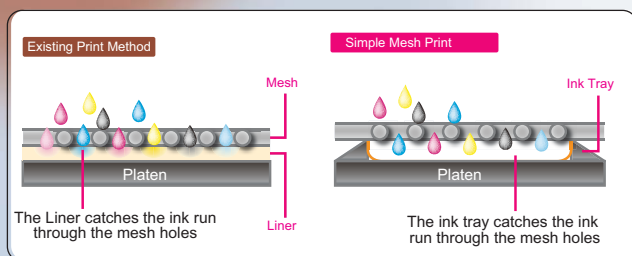


The ColorPainter H-104s can print with superb ink density even at the maximum printing speed. This is possible due to the incredible drop ejection speed (frequency) of newly developed print head, and Multi-Drop Technology. Multi-Drop Technology makes the ink droplet size double to fully cover the space between each dots in coarse printing resolution suitable for mid to long distance signage.

OPERATION

Mesh Printing Kit

Optional mesh printing kit enables you to switch your ColorPainter H104s to a mesh media printer by installing an add-on kit.



Pressure Control Knobs

Pressure control knobs are equipped on front and rear side of the printer for easy handling the large size media. Pinch roller pressure can also be changed in 3 levels by turning the knob.



Double Side Printing Support Function*

Printer prints alignment line and cut line after printing image on the front side, which will help positioning operation on the back side printing.

Printed and taken-up roll is moved to the roll feed unit, and is fed to printer again upside down**.

* Alignment accuracy depends on the positioning for the back side printing, thus this function is not suitable for transparent media such as Flexible face.

** Sufficient dry-up time is required; 3 to 24 hours depends on the coverage rate.

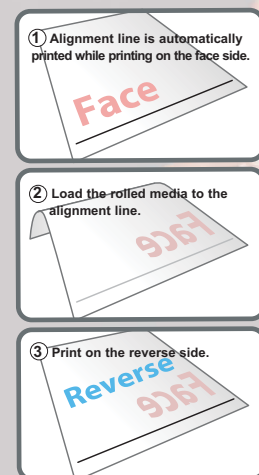
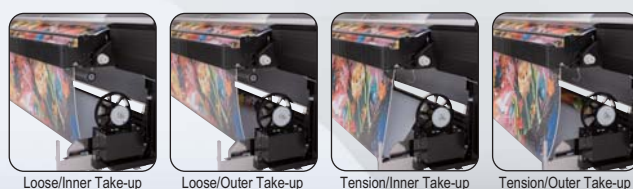


Image drawing of two-sided printing assistance

Multiple take-up system configurations



ColorPainter™ H-104s

QUALITY

Multiple Head Configurations To Match Your Business

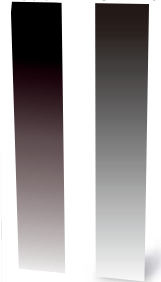
8 print heads can be configured in 2 ways, 8 x 1 mode (8 colors, 1 head each color) for maximum print quality; 4 x 2 mode (4 colors, 2 heads each color) delivers maximum printing speed, ideal for outdoor banner applications.



New added colors: Gray and Light Gray Inks

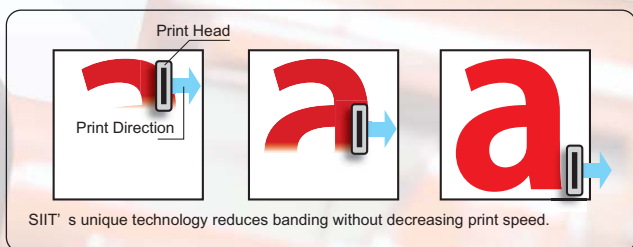
Gray and Light gray ink make it possible to prints real gradation, light shadows and metallic texture which can not be achievable with composite color.

Composite Color Gray & Light Gray



Automatic Head-height Adjustment and Selectable Pinch Roller Pressure

The ColorPainter H-104s detects the thickness of loaded media, and adjusts the print head height automatically to secure the best image quality. In combination with the 3-pressure pinch rollers, media with up to 1.0mm thickness can be handled.



SIIT's unique technology reduces banding without decreasing print speed.

"Smart Pass Technology" banding reduction

SIIT's original Smart Pass Technology optimizes pass-to-pass dot placement and alignment to provide smooth spot colors and gradients.

RELIABILITY



Large 1.5 Liter Ink Reservoirs and Sub-Tanks

The ColorPainter H-104s utilizes efficient ink bags that eliminate environmental waste, and make changing ink easy. The 1.5 liter per head ink system reduces the need for frequent ink replacement. Sub-Tanks allow on-the-fly changing of ink reservoirs.



Color Painter™ H-104s

Specifications

Printing Method	On-demand piezo type ink jet	
Maximum Resolution	True 720dpi x 720 dpi	
Maximum Roll Media Width	2,642 mm , 104"	
Minimum Print Width	2,632 mm, 103.6"	
Maximum Media Weight	120 kg	
Maximum Media Roll Diameter	350 mm, 13.8"	
Print Margin	5mm on each edge (without edge guards)	
Ink	Type	Mild Solvent : EGO-GX
	Color	8 (C, M, Y, K, Lc, Lm, Gray & Light Gray) or 4 (C.M.Y.K) x 2
	Ink Capacity	1.5 Liter per color
Media	PVC, Banner, Mesh and other media designed for solvent inks.	
Heater	3-way built in heaters (Front/Print/Rear)	
Take-up modes	Loose /Inner, Loose/Outer Tension/Inner, Tension/Outer	
Interface	USB 2.0	
Power Voltage	AC 200 to 240 V, ±10%z	
Power Consumption	Printer	1440W
	Heater	2000W
Operating Environment	15 to 30°C, 30 to 70% RH	
Storage Environment	5 to 35°C, 10 to 80% RH	
External Dimensions	4126(W) x 1366(D) x 1513(H)	
Weight	600 kg or less	
Option	Exhaust Attachment, Mesh Printing Kit Main Scroller, Foot Switch	

Speed

Color configuration	Print Mode	Resolution (dpi)	Droplet	Speed
8 colors	Normal 1	720 x 720	1	30 sqm/h
	Draft 1	720 x 360	2	50 sqm/h
2 x 4 colors	Normal 1	720 x 720	1	60 sqm/h
	Draft 1	720 x 360	2	100 sqm/h

Specifications are subject to change without notice.
Please contact your local authorized SIIT reseller, or European sales office

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