GCC

StellarJET K100UV

Progressive Generation

- Double Speed, Double Throughput
- Customer Oriented Variable Color Configuration
- Continuous Variable Vacuum

Printed Width	2540 mm (100")	**Printed Width of Borderless Printing**	Max. 2550 mm (100.39")
Media Loading	Max. 60 Kg / m^2 (132 lbs)	**Media Handling**	Conveyor Flatbed / Auto Roll-Fed
Channel	16 Channels	**Ink Capacity**	5 Liters for each color
Media Thickness	50 mm (2")	**Interface**	Ethernet 10 / 100 / 1000 Base T
Dimensions (Lx W x H)	5320 mm x 1600 mm x 1760 mm (209" x 63" x 69.2")	**Power Supply**	200 - 240 VAC, 16 A, 50 Hz / 60 Hz
Colors	Variable Color Configuration : C, M, Y, K, Lc, Lm, White, Varnish	**RIP Solution**	Onyx™ Production House / Caldera Onyx™ PosterShop / Wasatch
Output Resolution	720 dpi 1440 dpi –with option Lc, Lm	**Support File Formats**	All popular graphic file formats (JPEG, TIFF, EPS, PSD, EMF, WMF...)

Print Speed	Mode			m^2/ hr (ft^2/ hr)
	Print Mode	**Dpi**	**Directional**	
	Eco.Mode	720 x 360	Bi	57.69 m^2/ hr (620.97 ft^2/ hr)
	Production Mode	720 x 720	Bi	22.22 m^2/ hr (239.17 ft^2/ hr)
	Commercial Mode	720 x 720	Bi	14.95 m^2/ hr (160.92 ft^2/ hr)
	Quality Mode	720 x 720	Bi	11.11 m^2/ hr (119.59 ft^2/ hr)
	Fine Mode	720 x 720	Bi	6.78 m^2/ hr (72.98 ft^2/ hr)
	Super Fine Mode	720 x 720	Bi	6.47 m^2/ hr (69.64 ft^2/ hr)
	Solid Mode	720 x 720	Bi	2.92 m^2/ hr (31.43 ft^2/ hr)

Features

High Resolution and Brilliant Quality Images Output

Equipped with 8 to 16 drop-demand Piezo printheads with a small droplet of 14 pl, GCC StellarJET K100UV delivers high resolution at true 720 dpi and apparent 1440 dpi with Lc and Lm added, allowing users to produce a more refined output images and extend more applications.

Combo Media Handling System

With it's conveyor flatbed handling system and roll to roll system, GCC StellarJET K100UV is able to print on a wide variety of materials, such as acrylic, corrugated board, aluminum, plastic, glass, vinyl...etc. Printable width is up to 2540 mm (100 inches) with up to 50 mm thickness substrate.

Auto Media Calibration (AMC™)

The auto media calibration pin automatically detects and gauges the distance between the print heads and loaded media then automatically adjusts to the optimized print height based on the thickness of the loaded media.
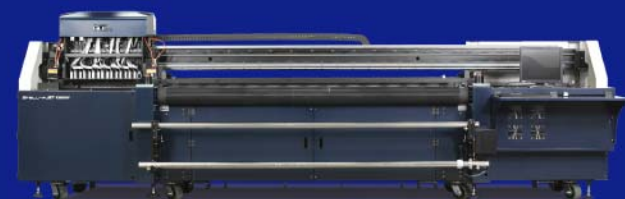
SmartMesh™

Smartmesh is a unique function designed by GCC, it effectively solves the banding problem while printing, and greatly increases printing quality.

White Ink Circulation System

To prevent printhead clogging, White Ink Circulation System is designed to effectively optimize white ink condition, ensures consistent printing quality and reduce the chance of sediments.

Steel Frame Construction

Steel frame design enhances the strength of machine structure, and increases the printing accuracy and stable quality.
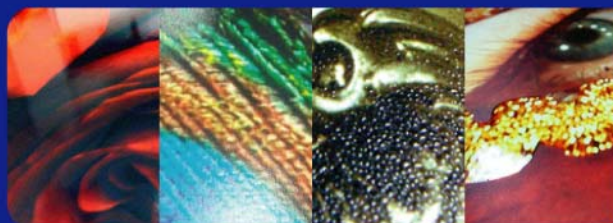
Total Solution

Pre-coat → Printing → Top-coat

UV ink can be printed on all substrate, but the adhesion ability of UV ink can be very between printing on slippery and rough media: ceramic tiles, acrylic, glass, stainless steel, PP, laminate...etc, through this combined process: Pre-coat→Printing →Top-coat, It will resolve all your requirements once for all.

White Solution

StellarJET UV offers three major utilizing white ink applications as a base, overcoat, and spot color. With the White solution, it can be easily used to produce brilliant and rich color output on any transparent and dark media, offering excellent quality images with high throughput to fulfill all needs of Sign, POP and PFP.

Varnish Solution

StellarJET UV's optional varnish not only enhances the visual quality but also creates the tactile attribute of graphics. Users are able to apply four varnish modes: Gloss, Semi-gloss, Matte and Contour varnish, a high value added application and cost saving on labor and laminator equipment.

Wallpaper   Leather   Painting   Curtain   Knitting / Textile

Windows   Glass   Lightbox   Doors   Floor   Ceramic

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