

STELLARJET K100UV

Specifications

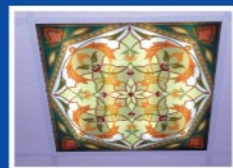
- **Printed Width**
2540 mm (100 in)
- **Material Width**
2550 mm (100.39 in)
- **Material Length**
Flexible Media Dependent on media
- **Media Thickness**
Up to 50 mm (2.0 in)
- **Media Handling**
Flatbed & Roll-to roll
- **Printhead**
Konica Minolta
512MH, 14pl
- **Colors**
C, M, Y, K, Lc, Lm, W, V / Flush, Primer
- **Print Resolution**
720 dpi / 1440 dpi (Apparent)
- **Print Speed (720 x 720dpi)**

Mode	Speed	Speed (CMYK x 4)
Fast Mode	60 m ² /hr (646 f ² /hr)	120 m ² /hr (1291 f ² /hr)
Production Mode	30 m ² /hr (323 f ² /hr)	60 m ² /hr (646 f ² /hr)
Quality Mode	15 m ² /hr (161 f ² /hr)	30 m ² /hr (323 f ² /hr)

- **Media Type**
Flexible Media - Vinyl, Tarpaulin, Canvas, Banner Cloth.
Rigid Media - Foam Board, Acrylic Sheets, Glass, Wood, Aluminum, Stainless steel, PP, Laminates, Carpet, Leather, Tile, etc
- **Printer Dimensions (H x W x D)**
1760 mm x 5320 mm x 2110 mm
- **Shipping Dimension (H x W x D)**
2060 mm x 5540 mm x 2040 mm
- **Net Weight**
3126 kg (6892 lbs)
- **Shipping Weight**
3667 kg (8067 lbs)
- **Ink Capacity**
5 Liters per color in main-tank
- **RIP Solution**
OnyxTM Production House
Others: Caldera
- **Interface**
Ethernet 10 / 100 / 1000 Base T
- **Support file formats**
All popular graphic file formats (JPEG, TIFF, EPS, PSD, EMF, WMF...)
- **Power Supply**
200-240 VAC, 16 A, 50 Hz/ 60 Hz
- **Safety**
CE



• Magnesium Alloy



• Polystyrene (PS) Board



• Tatami



• Metallic Roller Door



• Strip Tile



Authorized Dealer



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Progressive Generation



STELLARJET K100UV Powered by Konica

- ▶ High resolution and brilliant printing quality
 - ▶ 16 Konica Minolta piezo printheads
 - ▶ Double speed, double throughput
 - ▶ Customer oriented variable color
 - ▶ Steel frame construction
 - ▶ Continuous variable vacuum
 - ▶ Anti-crash sensor
- ▶ Built in heavy duty roll to roll system



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Features

High technology, high productivity



High Resolution and Brilliant Quality Images Output

Equipped with 8-16 Konica Minolta Piezo printheads with a small droplet of 14 pl, new advanced GCC StellarJET K100UV delivers high resolution at true 720 dpi quality images with YMCK four-color model and apparent 1440 dpi when using Lc and Lm. This allows users to produce a more refined image output and extend their application.



Double Speed, Double Throughput

With a double printhead arrangement, the GCC StellarJET K100UV doubles its speed thereby doubling the printing throughput which will decrease production costs to increase business profit.



Customer Oriented Variable Color Configuration

GCC StellarJET K100UV offers variable color configuration to satisfy all customers' various needs with optional combination of inks and printhead channels. Users can choose between the following five color configurations, the 4 color model, Y M C K, in 8 or 16 printheads for general use or mass production; or the 5 color model, Y M C K W, in 10 printheads for wider application in dark background or transparent media; or the 6 color model, Y M C K Lc Lm, in 12 printheads for higher resolution output; and so on for the rest of the printhead configurations, Y M C K Lc Lm W, in 14 printheads for multiplicate jobs; or Y M C K Lc Lm W V, in 16 printheads for aggressive mass special usage.



Continuous Variable Vacuum

The continuous variable vacuum system, which allows users to change the vacuum area to match the media width can achieve the best vacuum efficiency and keep the edge of substrate from cocking.



Built in Heavy Duty Roll to Roll System

A heavy duty roll to roll system which is capable of feeding up to 100 kg of flexible media is built in the GCC StellarJET K100UV. It's quick and convenient for users to transfer media from sheet to extra heavy, thick, and long vinyl or banner within a short period of time.



Total solution:Pre-coat⇒GCC StellarJET 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. For special substrates which could cause UV ink adhesion issues, for example: ceramic tiles, acrylic, glass, stainless steel, PP, laminate...etc, GCC provides its unique solution: Pre-coat→image printing by GCC StellarJET→Top-coat. First step, primer is applied to enhance the ink adhesion, then forward the printing job directly to GCC StellarJET. Afterwards, apply the top-coat to protect the image surface. Through this combined process, top printing quality can be produced even on the most difficult-to-print media. The process also produces a Scratch-Proof and Water-Proof finishing. It will resolve all your requirements once for all.



Anti-crash Sensor

The safety anti-crash sensor design on both sides of the UV lamp set can detect the media circumstance before hand and protect the printheads from a crush hazard. While the anti-crash sensor detects that the edge of media is cocked, the machine will initiate an emergency stop to prevent printhead from damage.



Steel Frame Construction

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



Application

Powerful competitive equipment to boost margin

Wallpaper

Leather Furniture

Painting

Curtain

Fabric / Textile



Glass Window

Glass Furniture

Backlit

Wood Door

Flooring

Ceramic / Tile

Company Overview

Become a global and hi-tech company with innovation and learning capabilities in Visuals related industries



Company Profile

Since 1989, GCC has established itself as the industry pioneer in the fields of electro optics and color processing. GCC is recognized as having the most complete line of laser engravers, laser marking systems, cutting plotters, thermal transfer printers, ID card printers and inkjet printers in today's graphic processing industry.

GCC's President, Dr. Leonard Shih believes that "through innovation, our groundbreaking, state-of-the-art technology will open the doors to new opportunities and enable our customers to do more, with less cost." Over the years, GCC has established four corporate offices spanning the globe including offices in the United States, Europe, Taiwan, and China. The GCC team embraces diversity, employing people from various countries such as: the United States, Netherlands, France, Taiwan, China, Turkey, Poland, Scotland, Mexico and more. The company respects the multicultural background and unique talents each team member contributes.

GCC promotes a corporate culture that encourages and directs creativity towards the GCC goal of "Innovation with a Human Touch". It is with this spirit in which GCC presents the revolutionary whole new model of UV Inkjet Printer, StellarJET K100UV Curable Inkjet Printer.



• GCC-China



• GCC-America



• GCC-Europe

Customer Care

At GCC, we value each customer as an important individual. This mentality is the basis for every decision we make, from machines that are designed with the customer in mind to dealers that make the customer satisfied. We persistently seek better ways to connect with our customers, understand their needs, how they use technology, and provide them value through information and support. Now GCC serves an international network of 247 distributors worldwide.

This broad global approach inspires us to treat GCC customers with respect. We insist on 24-hour on-line technical information network and first response time within 48 hours. We also have a customer service center-GCC Club (<http://vip.GCCworld.com>) dedicated to assist GCC customers. They are able to download updated firmware, drivers, manuals, videos, parameter settings, and other useful information. The interactive FAQ section allows them to share feedback and receive answers in a timely manner. Furthermore, GCC provides monthly newsletter to inform all the latest information, news and events; and monthly service of demonstrating different showcases to share how to optimize their operations and to best utilize our systems as well.

Not just a forefront equipment-manufacturing maker, GCC is also determined to be a service provider as well. GCC always goes the distance to resolve a customer's problem. GCC along with branch offices and global distributors conduct regional training periodically. We not only share the techniques and tips of machine operations, but also collect the feedback from GCC customers.

It is GCC's ongoing commitment to offer our customers a wide variety of world class level service and support.

Awards

- 2008 LaserPro S290 and StellarJET 183UVK won the Symbol of Excellence Award, Taiwan. LaserPro S290 won the Outstanding Photonics Product Award, Taiwan from PIDA
- 2007 Spirit GX won the Symbol of Excellence Award, Taiwan.
- 2006 GCC StellarJET 250UV Printer & LaserPro Gaia won the Symbol of Excellence Award, Taiwan. LaserPro Spirit laser engraver won the Outstanding Photonics Product Award, Taiwan. From PIDA (Photonics Industry & Technology Development Association)
- 2005 LaserPro Spirit series won the Symbol of Excellence Award, Taiwan.
- 2004 LaserPro Explorer, Stellar Mark series, SignPal Jaguar, Puma series and the SignArt Nautilus series won the Symbol of Excellence Award, Taiwan.
- 2003 GCC won the 12th National Outstanding Small and Medium Enterprises Award. LaserPro Venus , Neptune and Mercury won the Symbol of Excellence Award in Taiwan.
- 2002 GCC won the 2002 Rising Star Award. GCC was certified by UKAS ISO9001:2000. GCC Lynx,Ultra and Jaguar LaserPro Venus,Neptune and Mercury won the Symbol of Excellence Award in Taiwan.
- 2001 LaserPro Venus series won the Symbol of Excellence Award, Taiwan.
- 2000 LaserPro Mercury series won the Symbol of Excellence Award, Taiwan.
- 1997 GCC Ultra GRC won the Symbol of Excellence Award in Taiwan.

