

# High resolution and precision printing with the white ink

- + Advantages : 1. Environment friendly and Odorless 2. Low costs for good performance and functions
- 3. Can be applied to various material, Weather-resistant

## - Application

- 1 Since it can perform picture printing that requires a high resolution, it is useful for printing promotion souvenirs or digital gallery, printing oil picture image on a canvas
- 2 Since it is an environment friendly product, it can be widely applied to interior products. (wall paper , sound-absorbing, wooden Deck tile, glass, plaster board
- 3 It has a wide range of application such as outdoor signs as well as indoor signs.

## - Advantages

- 1 The internal 32 bit CPU supports high speed data processing leading to high speed printing with a high resolution. (Output speed of Max 24 square meter)
- 2 The galaxy head supports high resolution printing. (727 x 800 dpi)
- 3 Low costs for the performance of high class model.
- 4 You may change the injection voltage of the Print Head, channel by channel.( PZT).
- 5 It is easy to align the Print Head.
- 6 It is easy to align the headbase.
- 7 It is easy to align the lamp house.
- 8 Auto ink supply device
- 9 The automatic height adjustment device(LIFT) allows you to automatically adjust the height between the media and head base.
- 10 It is possible to adjust the location of ink injection. It supports precise control for the unit of dot.
- 11 Automatic media conveyer device( TAKE UP )
- 12 Simple manipulation and convenient operation. (The PC monitor informs you of the current status of your equipment.)
- 13 Auto heating device (head base / sub ink tank)
- 14 Auto origin setting device for use of flat plate media → It supports repetitive printing on the same location.
- 15 Simple and quick maintenance and repair of the head nozzle,
- 16 It supports borderless printing (edge to edge).
- 17 The HYBRID TYPE supports both the flat plate and roll media.
- 18 It automatically controls all the functions of the UV LAMP.  
→ LAMP ON/OFF, SHUTTER Left/Right Open/Close
- 19 Since the WHITE ink is used, you may naturally display all the colors regardless of the color of transparent or non-transparent materials.
- 20 The linear scale and the encoder supports highly precise printing.
- 21 Precise printing at the high speed
- 22 The tower lamp allows you to understand the status of the equipment from far away. → The 5 colored light lamp and the buzzer sound let you understand the status of malfunction and current operation at a glance.
- 23 The multi safety device emphasizes on the safety of our users. → Door detection, media setting sensor detection
- 24 It perfectly supports all the necessary parts list and manuals. → All parts available in the code system. Parts delivery for A/S or repair work is very simple.

- 25 The WASATCH RIP includes the ICC profile function that can implement desirable colors and various editing tools.
- 26 By expanding the media table, you may print a 1220 x 2440(4ft x 8ft) veneer board.
- 27 The auto shuttering device mounted in the UV LAMP allows you to freely print heat sensitive materials.
- 28 It perfectly controls pressure so that it can achieve a regular printing quality.
- 29 The vacuum based feeding system and the conveyer belt allows you to perfectly convey media.
- 30 The RTL LOAD PRINT method saves you loading time. Unless deleted, it will continuously print to achieve faster printing speed.
- 31 It can print up to a thickness of 50mm.
- 32 The AC SERVO MOTOR allows you to inject it onto the correct location very accurately.

## • Organization

- Setting printer(PC incl.) + Manual + RIP S/W + INK (C, M, Y, K, Lc, Lm, S), one bottle of each(1ℓ )  
Window XP (OS) CD + Install CD + Keyboard + Mouse + Crow + Sub roll stick + Cables + Other parts

## • Quality

- The Spectra Head supports high speed and resolution printing.
- The air pressure system adjusts the pressure within the head to prevent ink leakages and to supply ink smoothly.
- The 6 color (C,M,Y,K,Lc,Lm) Ink as well as the white ink (option) allows you to vividly present live colors with a high resolution of 800 dpi. The Linear Scale supports accurate printing with a high resolution.

## • Productivity

- Highly productive, max output speed of 24m<sup>2</sup> .
- When the UV curing ink is exposed to the UV light, it gets dried immediately. Highly productive and efficient use of space.
- Max output width of 2.5M to overcome the limit for output orders.
- The auto refill system enhances the productivity through stable supply of ink.

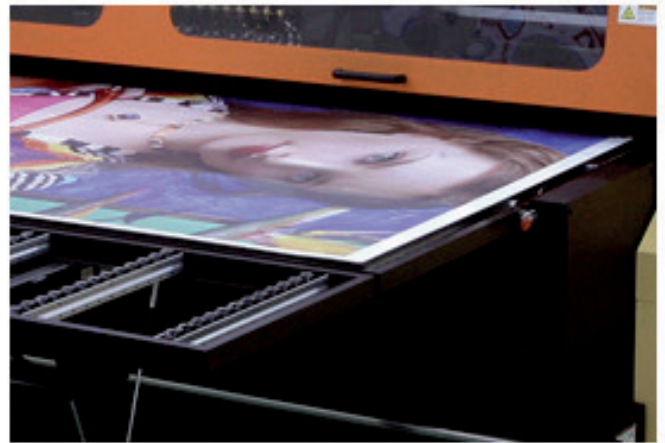
## • Cautions for Use

- Prior to use, you must read the user's manual very thoroughly.
- For the stable printing condition, keep the equipment level with the ground after installation.
- For the long use of printing head which is original technology of Inkjet Printer, use authenticated ink only.
- If you follow the replacement cycles of parts, you may maintain the best condition of your equipment.

• Main functions



Complete and Perfect Manual & Parts List

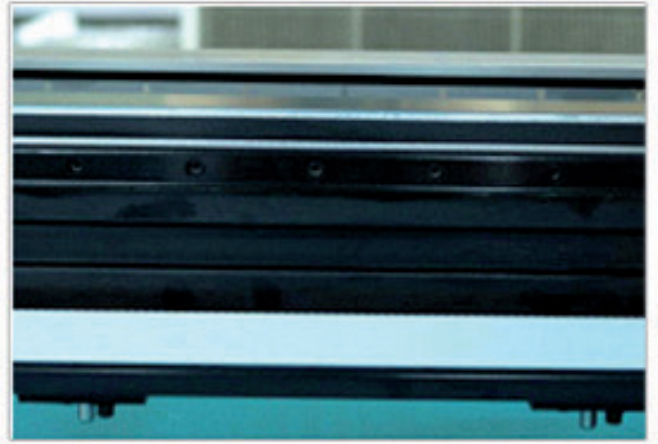


Hybrid Type Roll-to-Roll, Rigid Material





Waveform Control Function



High Precision Linear Scale



Signal Lamp



Printer Control System



Including Part

MODEL	NEO VENUS
	UVV-2506(GW)
<b>Print Head Technology</b>	Drop-on demand Piezo
<b>Number of head</b>	6 or 8 (Spectra Galaxy, 256 Nozzles, W1 + W2 or W0)
<b>Print resolution</b>	727 X 800 DPI
<b>Print mode</b>	Uni and Bi-direction
<b>Print speed</b>	9 m <sup>2</sup> /hr[16P] 12 m <sup>2</sup> /hr[12P] 18 m <sup>2</sup> /hr[8P] 24 m <sup>2</sup> /hr[6P]
<b>CPU</b>	Main MCU : 32 BIT RISC, PC : 2,66Ghz
<b>Memory</b>	Logic(FPGA) : 24MB, PC : 1 GB
<b>Command</b>	SP-RTL and HP-RTL Emulation
<b>Interface</b>	I/O Card(PCI 7200), LAN, USB
<b>Ink type</b>	UV based pigment
<b>Color</b>	6 or 7 colors (C,M,Y,K,Lc, Lm White (option) )
<b>Dimension(W×D×H)</b>	4,920mm X 2,045mm X 1,800mm[W X D X H]
<b>Weight</b>	2,550 Kg
<b>Max output width</b>	2,490 x Infinite (roll)
<b>Printable materials</b>	Flat plate & roll (foam board, acryl, steel sheet, wooden, flex, sheet)
<b>Input voltage</b>	3 phase AC 380V ± 10% , 50/60 Hz
<b>Vacumm adjustment device</b>	Supply pressure 5 kgf/cm <sup>2</sup> Vacuum pressure -0.03 ~ -0.04 kgf/m <sup>2</sup>
<b>Auto height adjustment</b>	Head : 50mm
<b>Material conveyance type</b>	AC Servo Driver
<b>Warranty</b>	1 year
<b>Other features</b>	Automatic print head height controller Automatic refill system Automatic lamp shuttering system Print head alignment controller Lamp alignment controller