



NEO VENUS

UVV-2506 (GW)

Auto Head Height Control



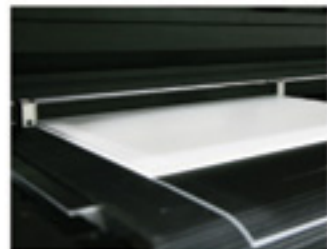
Print head height is measured automatically up to 50mm thickness.

Auto Lamp Shuttering System



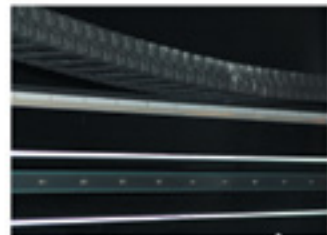
Each Neo printer incorporates a fully automatic UV lamp shuttering device that automatically sets the curing functionality of the lamps depending on the printing mode selected.

Media Origin System



Pin registration alignment for accurate media positioning. This ensures that images can be printed edge-to-edge and repeated printing.

Linear Scale



Consistent and precise printing is guaranteed due to our "inlaid brass" linear encoder system. This allows for print tolerance accuracy even in high-speed mode.





Auto Ink Refill System



Ink level sensors warn of low ink. Visual and audio indicators inform the operator when additional ink is needed. Bulk ink system has an integrated and compact design.

Automatic Vacuum Control System



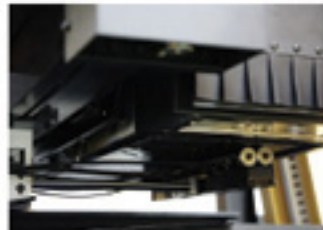
It is the system that automatically control the vacuum pressure of the vacuum table in order to increase the quality of printing output according the output media type and size.

Head Impact Prevention System



It is the Automatic Printer-Head Prevention System that safely protects the head from the unanticipated dangerous strike between head and media during the printing by suddenly stopping whenever head carriage hit the media.

Head Cleaning System



Automatic head cleaning system is ensuring best condition of head.

Printer Control System



By operating the Neo Venus from the control system, the printing area is protected from airborne foreign contaminates. This reduces waste and insures proper UV ink curing directly to a dust free surface.

Programmable and controllable waveform insures high image quality, consistency, and performance with any ink(option).

TCP(Turnkey Cutting-edge Printing) System



General Features

- ✕ Printing Speed : 9m²/hr(16P), 12m²/hr(12P), 18m²/hr(8P), 24m²/hr(6P)
- ✕ Color : 7Colors(C,M,Y,K,Lc,Lm,White)
- ✕ Resolution : 727×800Dpi(High-Resolution)
- ✕ Automatic Print Head Height Controller
- ✕ Automatic Refill System
- ✕ Automatic Lamp Shuttering System
- ✕ Automatic Vacuum Control System
- ✕ Print Head Impact Prevention System
- ✕ Hybrid System(Roll to Roll / Flatbed)
- ✕ Print Head Cleaning System
- ✕ Print Head Alignment Controller / Print Head Base Alignment Controller
- ✕ Vacuum Generated By Negative Pressure
- ✕ Convenient Maintenance & Repair



NeoVenus UVV-2506 Specifications

Model	Neo Venus UVV-2506
Printing Technology	Dod Piezo Electric Technology
Number of Print Head	6 or 8(256 Nozzles, W+ W or Wx)
Print Resolution(Max)	727 × 800dpi(Max.)
Print Mode	Uni and Bi-Direction
Print Speed	9m ² /hr(16P), 12m ² /hr(12P) 18m ² /hr(8P), 24m ² /hr(6P)
CPU	Main MCU : 32bit RISC, PC : 2.66Ghz over
Memory	Logic(FPGA) : 24MB, PC : 1GB
Command Language	SP-RTL and HP-RTL Emulation
Interface	I/O Card (PCI7200), LAN, USB
Ink Type	UV based pigment
Color	6 or 7Colors(C,M,Y,K,Lc,Lm,White(Optional))
Dimension(W×D×H)	4,920mm × 2,045mm × 1,800mm(W×D×H)
Weight(kg)	3,500Kg
Media	Foamboard, Acryl, Steel, Glass, Wood, Sheet, etc.
Max Printing Width	2,500mm × UNLIMITED
Input Voltage	3Phase 380VAC±10%, 50/60HZ(Optional 3Phase 240VAC±10%, 50/60HZ)
Vacuum Control System	Supply Pressure 5kg/cm ² Vacuum Pressure - 0.030~0.040kg/cm ²
Max Material Thickness	Up to 2" (50mm)
Carriage & Media Feeding	AC Servo Driver
Warranty	1 Year