# LIPI MARKETING PVT. LTD.

## FLORA
Digital Printing System

## Hi-Speed, Hi-Res UV Flatbed Printer
# F 25UV

FLORA

**Features:**

▶ Grayscale Printhead, Supporting 4-level Grayscale Printing

▶ Standard Printing **Speed Up Tp 80sqm/hr,** Printing Size Max 100*51 Inch

▶ Hi-precision Vacuum Platform With Sectional Zones To Fit Media In Different Sizes

▶ Supporting Multi-layer Printing, Including White And Varnish Printing **C-W-C, W-C-V Modes**

▶ Wide Applications In Glass, Acrylic, Wallpaper, Wood Panel, Any Rigid Board Surface Printing

## Standard Features

### 1. 4 rows printheads array, white color supported

F25UV supports standard 4 color printing max 12 print heads. white and varnish are optional to Extend color configuration and applications.

### 2. Printhead Anti-crash function

Anti-crash function guarantees the carriage will stop in the case of printhead lower than substrates To protect printhead from mis-operation or inferior materials

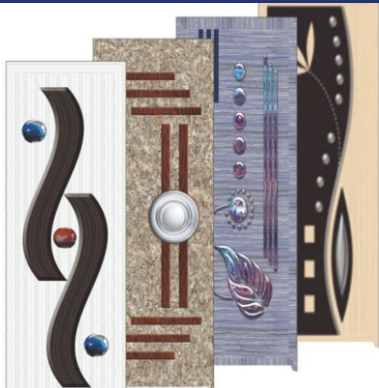### 3. Substrate Thickness Automatic detection, Printhead Height Adjustment

F25UV Supports printing over material as thick as 100mm. The System Automatically detects Material Thickness, and Adjusts printhead Height It Improves production automation and Image Output Quality to a large extent

### 4. Auto rise-and-fall substrate locator System

F25UV Supports Automatic substrate location to guarantee printing precision on rigid board

### 5. Anti-Static bar

Reducing the ink over-spray caused by static and improving the print quality on some substrates

# Standard Features

## 6. White Ink Re-circulation System

F25UV Printer Offer Eight Major utilizing White in application white ink re-circulation result in an Effective of Ink Starvation an Protects print heads from clogging hazard

## 7. Dual Negative Pressure System

Negative Pressure Automatic Adjustment free of manual Operation Stable and smarter. Independent white and varnish negative pressure system can avoid white and varnish Ink dripping Problem caused by negative pressure sharing. White ink and Varnish are more fluent

## 8. Unique 3-Layers Printer Function

F25UV Digital printer Supports Unique 3-layers function and C-W-V Printing at one Printing. All Printing in one Job

## 9. Approved By Eu and International Standard System

Conforming to ISO9001, 2008 International Standard Sytem, CE, FCC, ULCE and RoHs Certificates Obtained

# Technical Parameter

| Model | F25 Flatbed Printer |
|---|---|
| Printhead | 3-Row 9 Heads, Ricoh G5/G6 (linear motor for option) |
| Printing Speed | 3-RoW 10H G6 — 58 sqm/hr |
| | 4-RoW 12H G6 — 80 sqm/hr |
| | 3-RoW 14H 1024A — 86 sqm/hr |
| Resolution | Up to 2400dpi |
| Printhead Technology | Piezoelectric Inkjet, UV LED Curing, Grayscale Technology |
| Ink Type | LED UV Inks |
| Color | Max 8 Colors (for option) CMYK + Lc + LM+W+V white and varnish printing supported |
| Cartridge Capacity | 1.5 Liter/Color, Automatic Monitoring Ink volume, Low ink alarming |
| RIP Software | Photprint Server Flora, Onyx12, Caldera 12 compatible |
| Color management | Icc based color, adjustment curves, density adjustment |
| File Format | TIFF, JPEG, Postscript, EPS, PDF, etc… |

## Media

| Handling | High-precision Vacuum platform is applied to rigid panels. Media locating pin, anti-below function for option |
|---|---|
| Media Size | 2.54 x 1.30m |
| Media Weight | 50kg/m$^2$ |
| Media Type | Wood board, Aluminum board, door plank, paper board, PVC, Ceiling, Glass, Acrylic, Fabric, etc… |

## Data Transfer

| Interface | USB3.0 |
|---|---|
| UV Curing System | LED UV Lamp, Energy-saving, environment friendly curing solution And long working life. Every single LED light power can be Adjusted to Meet Different material requests. |

## Dimension & Weight

| Printer | 5100 x 2100 x 1580mm |
|---|---|
| Package | 5260 x 2280 x 1860mm |
| Weight | 1900kg |

## Operating Conditions

| Temprature | $20^0$ to $30^0$C |
|---|---|
| Humidity | 40-80%(non-condensing) |

## Electricity Requirements

| Power | System: 2650W; Chiller, Suction motor: 4500W |
|---|---|
| Requirements | 200-240V AC, Single Phase, 50/60Hz, 32A(printer) |