

# V698

### Wide Format Industrial UV Roll-to-Roll Printer

V698 industrial printer has an ultra wide format of 5m and print heads can be optional with 6 colors that builds a new standard for roll to roll UV inkjet output by perfectly combining the printing quality requirements of POP, and the high speed output requirements of indoor and outdoor large format billboards.

V698 ensures digital printing companies to make quick and efficient commercial promotion applications, including exhibition graphics, digital textiles, billboard signage etc. It significantly extends your printing capacities and the range of applications you can provide.



### **Product Features**

#### Vacuum Table

High intensity platen vacuum improves material control with stability.

#### **Printing on Heat Sensitive Material**

LED Lamps have minimal heat output, which enables you to print on heat-sensitive substrates such as thin slices, self-adhesive sheets or stretched PVC materials. Besides, the limited heat generation involves a very stable bi-direction calibration.

#### Auto Height Adjustment

Fully automatic carriage lifting system and customized motor ensure the precise positioning control of the whole platform, which meet printing demand of different heights at any point.

#### **Superb White Ink Printing**

Superb white ink printing performance in single and multi-layer print modes.

#### LED Lamp Curing, User-friendly Design, Cost Efficiency

It is equipped with UV proof glass, which protects the operator and the environment

Its UV LED lamps enables you to print on a wide media mix and to save energy, costs and time without producing ozone gas.

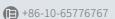
#### **Anti-Collision Device**

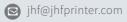
The carriage is equipped with anti-crash media detectors. When the sensor detects the obstructions on the vacuum table, the printer will stop the carriage emergently to prevent damage to the heads and protect personal safety as well.



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#### **Superb Ink System**

Independent ink negative pressure system ensures stable ink supply to the print heads. 5L Tank guarantees stable ink supply.

#### **Static Stability**

Plasma electrostatic eliminator improves stability when printing or static material

#### Linear Motor

The linear motor runs with the metal grating to ensure the

## **Technical Specifications**

| Printhead             | Konica                               | Konica Minolta (6PL or 13PL), 6*1/6*2/6*3/7*2   |                      |          |            |  |  |
|-----------------------|--------------------------------------|---|----------------------|----------|------------|--|--|
| Head Alignment        | Single Row / Double Row / Three Rows |   |                      |          |            |  |  |
| Ink Color             | CMYK / CMYK Lc Lm + W (optional)     |   |                      |          |            |  |  |
| Curing                | LED UV Curing                        |   |                      |          |            |  |  |
|                       | Pass                                 | Resolution  | One Row              | Two Rows | Three Rows |  |  |
| Printing Speed (m²/h) | 2                                    | 540*720 dpi   | 70m²/h               | 138 m²/h | 208m²/h    |  |  |
|                       | 3                                    | 540*1080 dpi  | 48m²/h               | 95m²/h   | 142m²/h    |  |  |
|                       | 4                                    | 540*1440 dpi  | 35m²/h               | 69m²/h   | 102m²/h    |  |  |
| Printhead             | Kyocera KJ4A                         |   |                      |          |            |  |  |
| Head Alignment        | Single Row / Double Row              |   |                      |          |            |  |  |
| Ink Color             | CMYK /                               | CMYK / CMYK+W (optional)  |                      |          |            |  |  |
| Curing                | LED UV                               | LED UV Curing   |                      |          |            |  |  |
|                       | Pass                                 | Resolution  | One Row              | Two Rows |            |  |  |
|                       | 3                                    | 300*1800 dpi  | 150 m²/h             | 230 m²/h |            |  |  |
| Printing Speed (m²/h) | 4                                    | 600*1200 dpi  | 110 m²/h             | 180 m²/h |            |  |  |
|                       | 6                                    | 600*1800 dpi  | 80 m²/h              | 120 m²/h |            |  |  |
|                       | 8                                    | 1200*1200 dpi   | 60 m <sup>2</sup> /h | 95 m²/h  |            |  |  |
| Interface             | USB/PCIE                             |   |                      |          |            |  |  |
| Carriage driven       | Linear-o                             | Linear-driven printhead carriage  |                      |          |            |  |  |
| Printing Width        | 5000mr                               | 5000mm  |                      |          |            |  |  |
| Printing Media        | PVC flex                             | PVC flex banner, PET film , canvas, self-adhesive material and other flexible materials |                      |          |            |  |  |
| Rip Software          | Print Fa                             | Print Factory/ Caldera (optional)   |                      |          |            |  |  |
| Power                 | Three p                              | Three phase 380V, 50/60HZ, 12KW   |                      |          |            |  |  |
| Working Environment   | 20 – 30                              | 20 – 30 °C , 40 – 70% RH  |                      |          |            |  |  |
| Air Pressure          | 0.8-1MF                              | 0.8-1MPA  |                      |          |            |  |  |
| Machine Size          | 8760mr                               | 8760mm x 1795mm x 1495mm  |                      |          |            |  |  |
| Machine Weight        | 3900kg                               | 3900kg  |                      |          |            |  |  |
|                       |                                      |   |                      |          |            |  |  |

# **Application**

V698 helps sign and display graphics customers drive more volume with high-end digital print for endless applications and designs. It handles a broad scope of flexible media for indoor and outdoor applications.

The widest range of application capabilities—signage, wall coverings and murals, POP, exhibitions, floor graphics, window decorations, luxury vinyl tile and much more.

