# VERVE LED TRUE FLATBED LED UV PRINTER

## VERVE LED (2513/2030/2518 SERIES)

### ENHANCED PRINT BUSINESS OPPORTUNITIES

• UV LED Curing Flatbed enables high quality direct printing on almost any kind of materials, including wood, glasses, leather, ceramic tiles & much much more
• High-quality, productive colour scheme with groundbreaking features:

- Dual Negative Pressure System
- Hydraulics Stoppers
- 4-Zone Vacuum System
- White Ink Circulation System
- Mechanical Material Alignment System

- Metal Raster for Precision Printing*
- Dual Servo Motor Driven Gantry with Metal Raster*
- Dual Media Height Detection System*

*Applicable on Verve 2513 series only

## ADDITIONAL FEATURES

**ANTI-CRASH SENSOR** to prevent media from damaging the heads while printing.
**STATIC SUPPRESSOR** for neutralizing static charge on the substrate being printed.

## SPECIFICATIONS

| VERVE LED UV | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| Models | | | VLR - 2513 | | VLY - 2513 | VLR - 2030 | | VLR - 2518 |
| Printing Technology | | | Drop-on-demand, Piezo Electric Inkjet | | | | | |
| Print Head | | | Industrial Grade Jetting Assemblies | | | | | |
| No. of Print Heads | | | 2 to 8 (7 PL) | | 2 to 8 (3.5 PL) | 2 to 8 (7 PL) | | 2 to 8 (7 PL) |
| Media | Size | | 2.56 m x 1.68 m | | | 2.00 m x 3.73 m | | 2.56 m x 2.12 m |
| | Thickness | | Maximum 100 mm | | | | | |
| | Handling | | Suction & Blower | | | | | |
| Curing System | | | Dual UV LED Lamps | | | | | |
| Printing Size | | | 2.50 m x 1.22 m | | | 2.0 m x 3.2 m | | 2.5 m x 1.8 m |
| Ink | Type | | UV LED Curable Ink | | | | | |
| | System | | Bulk Ink Refillable System | | | | | |
| | Colors | | CMYK + W | | | | | |
| Printing Resolution (dots per inch) | | | 1200 dpi | | | | | |
| Distance Accuracy | | | Error of less than ±0.3 % of distance travelled, or ±0.3 mm, whichever is greater | | | | | |
| Connectivity/Interface | | | USB 2.0 | | | | | |
| Power Requirements | | | AC 220 V, 30 A, 50/60 Hz | | | | | |
| Dimensions (Printer Only) (LxWxH) mm | | | 4700 x 2660 x 1520 | | 4900 x 2680 x 1620 | 4800 x 3930 x 1380 | | 4630 x 2480 x 1470 |
| Dimensions (With Packing) (LxWxH) mm | | | 4830 x 2280 x 1840 | | 5030 x 2280 x 1890 | 4480 x 2280 x 1840 | | 4730 x 2280 x 1840 |
| RIP software | | | Onyx (ColorJet Edition) | | | | | |
| Weight (Net Weight/Gross Weight) Kgs | | | 1762 / 1962 | | 1962 / 2162 | 2160 / 2360 | | 1870 / 2070 |
| Environmental | | Power ON | Temperature: 18 to 28˚C Humidity: 20 to 60%RH (Non-condensing) | | | | | |
| | | Power OFF | Temperature: 5 to 40˚C Humidity: 20 to 80%RH (Non-condensing) | | | | | |
| | | | Print Speed (Sq M/Hr) | | | | | |
| Mode | Print DPI | Passes | 2 Head | 4 Head | 2 Head | 2 Head | 4 Head | 4 Head |
| Mode 1 | 600 x 600 | 4 | 22 | 38 | - | 17 | 30 | 38 |
| Mode 2 | 600 x 900 | 6 | 15 | 24 | - | 12 | 24 | 24 |
| Mode 3 | 600 x 1200 | 8 | 10 | 18 | - | 8 | 14 | - |
| Mode 1 | 960x600 | 4 | - | - | 34 | - | - | - |
| Mode 2 | 960x900 | 6 | - | - | 23 | - | - | - |
| Mode 3 | 960 x 1200 | 8 | - | - | 18 | - | - | - |

*All speeds mentioned are for CMYK base model.

Tile Printing

Printed Glass Panel

Glass Printing

Digital Kitchen Tile

Printed Ceramic Tile