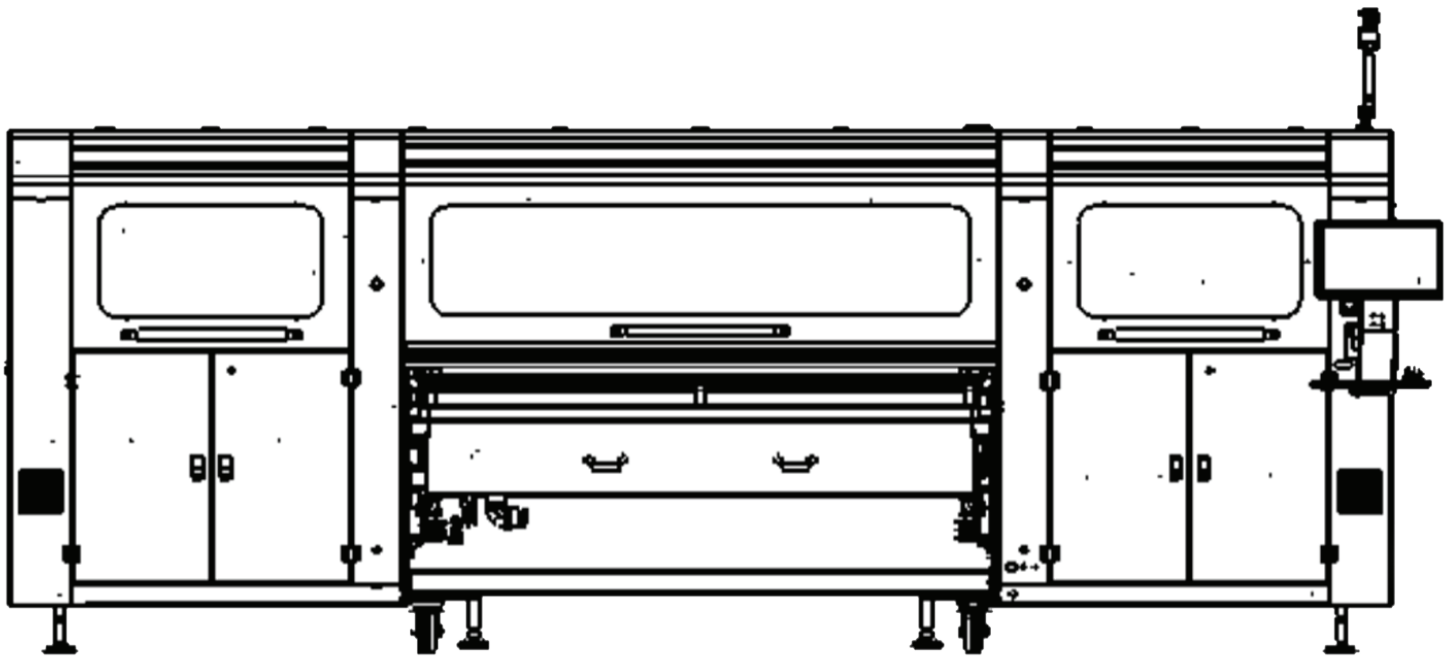# VASTRAJET K2 ®

## SITE READINESS DOCUMENT

# Prerequisites for VASTRAJET K2

## Contents

1. Power Supply
2. Water Supply
3. Air Supply
4. Computer Requirements
5. Environment Requirements
6. Floor & Space

## POWER SUPPLY

- **Machine Load:** Total Wattage: 12000Watts @ 220Volts AC 50Hz, Sinewave
  - Uninterrupted power supplies (flicker free) should be provided as it has digital circuit.
  - Safety: 40A and 20A MCBs must be used to power inlets.
  
  **Note:** The machine load includes the power requirements of printer, belt dryer and feeder.
- **Print Dryer:** Total Wattage: 8500Watts @ 220Volts AC 50Hz, Sinewave
  - Safety: 40A MCB must be used to Power this Inlet.
- Wire gauge must be of 8sqm.
- Exclusive earthing should be required for printer and it should not be shared with UPS & Building's common earth.

## WATER SUPPLY

- Recommend inline water system
- 60L water for circulation (optional)
- Hose pipe inlet diameter 20mm and total length is 18mtr

## AIR SUPPLY

- Air pressure rate 0.6m³/min, 0.7MPA

## COMPUTER SYSTEM REQUIREMENTS

- **Processor:** 10$^{th}$ Generation Intel Core i7, 5.1 GHz
- **RAM:** 32 GB or More
- **Operating System**: Genuine MS Windows 10 Professional
- **USB Port:** USB 3.1 Second Generation
- **Storage Disk:** SSD 512 GB or 1TB and above.

**Note:** We recommend to use separate computer system for both, print engine and RIP software.

## ENVIRONMENT REQUIREMENTS

- Room temperature should be maintained in the range of $24^0$C $\pm$ 4 degree Celsius with humidity 65% $\pm$ 10% RH.
  **Please Note:** Printer is equipped with dryers, it may raise the room temperature – A 10% additional load should be considered when designing the AC
- There should not be air draught in the room
- Closed dust-free room exclusive for Printer
- Light:
    - CRI 98%
    - LUX Min 200
    - Color: 5000K

## FLOOR & SHAPE

**Printer**

- **Gross Weight:** 3400 Kg
- **Net Weight:** 2850 Kg
- **Printer Dimensions** L x W x H 4898 x 2100 x 1850 MM
- **Packing Dimensions** L x W x H 5220 x 2300 x 2100 MM

**Feeder**

- **Gross Weight:** 720 Kg
- **Net Weight:** 520 Kg
- **Feeder Dimensions** L x W x H 2500 x 820 x 1160 MM
- **Packing Dimensions** L x W x H 2700 x 1400 x 1530 MM

**Dryer**

- **Gross Weight:** 850 Kg
- **Net Weight:** 650 Kg
- **Dryer Dimensions** L x W x H 2590 x 1770 x 1110 MM
- **Packing Dimensions** L x W x H 2890 x 2000 x 1518 MM

## ROOM DIMENSION

**Room Dimensions L x W x H:** 8200 x 6898 x 3657 mm

**Note**: Door opening and ceiling height should be as per above dimensions.

## Site Layout of VASTRAJET K2