FABJET GRAND

SITE READINESS DOCUMENT

Prerequisites for FabJet Grand:

Contents:

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

Stabilized Power Requirements:

- Total Power Consumption is 7KW
  - **Machine Load:** 2.5KW
  - **Heater Load:** 4.5KW
- Uninterrupted Power supply of 220V, 40Amps (+ / - 10%), 50Hz.
- Wire gauge to be used should be at least 6sqm, recommended 8sqm.
- 32A MCB required for heater power and 16A for Machine Power
- **Exclusive Earthing**: It should not be shared with UPS and Building's common Earthing
- Printer and computer must share same exclusive Earthing

Air Supply

Compressed Dry Air with pressure 7 Bar

Computer

- Minimum requirement
  - i5 processor (Quad Core)
  - 4GB RAM
  - Win7 64bit or Windows 10 OS
  - Human Input Devices (Keyboard & Mouse)
  - HDD/SSD : 200GB or more
  - 1 USB 2.0 Port or USB 2.0 Compatible USB 3.0 Port
  - Color monitor with 1600x1024 resolution, 24 bit Colors

- Recommended requirement
  - i7 processor (Quad Core)
  - 8GB RAM
  - Win7 64bit OS or Windows 10 OS
  - Human Input Devices (Keyboard & Mouse)
  - HDD/SSD : 500GB or more
  - 1 USB 2.0 Port or USB 2.0 Compatible USB 3.0
  - Color monitor with 1600x1024 resolution, 24 bit colors

Environment Requirements

- Room temperature should be maintained in the range of 18 - 28 Degree Celsius with humidity 35 - 80% RH.
  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 & Space

- **Machine Dimensions** : 5300mm x 1450mm x 1650mm (LxWxH)
- **Packing Dimension** : 5450mm x 1650mm x 2020mm (LxWxH)
- **Room Dimension** : 7000mm (L) X 3000mm (W) X 3000mm (H)
- **Machine Net Weight** : ~1800kg
- **Machine Gross weight :** ~2000kg

1.5 mtr.

1. Machine Power
2. Print Dryer Power

1 mtr

1 mtr

1.5 mtr

LCD& KBD Console